

# Montage Solutions Specification Guide



## Availability

**Electronic price list updated** with release 184.F (U.S.) and 148.F (Canada), dated June 19, 2017.

Spec News is available on [village.steelcase.com](http://village.steelcase.com). Search Steelcase Marketing Resources (Adstock) and download the current release's Spec News.

*Tip: Steelcase Marketing Resources is a new global platform for ordering Steelcase marketing materials that replaces Adstock.*

View or download Steelcase Specification Guides at <http://www.steelcase.com/en/resources/design/spec-guides/pages/specguides.aspx>.

Transitional products in this specification guide are **maintained for existing customers only** and are likely to be phased out over time. These products are indicated with a . Products that are scheduled to be culled are indicated with an , followed by the last order entry date.

## Surface Materials

**The surface materials team** has announced the launch of the Finish Library, found at <http://finishlibrary.steelcase.com>.

**This specification guide contains multiple Steelcase and turnstone product lines** which are designed into one specification guide for your convenience. Note that each product may be subject to different pricing terms and conditions.

► For a list of all trademarks, refer to the last page of this specification guide.  
© 2017 Steelcase Inc.



### For Canadian Pricing

Canadian factor can be found at [steelcase.com/CADpricing](http://steelcase.com/CADpricing). Calculate in the following order to avoid rounding errors:

- Multiply the base price and each option by the Canadian factor.
- Round each to the nearest dollar.
- Add base and options for total list price.

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## Surface Materials

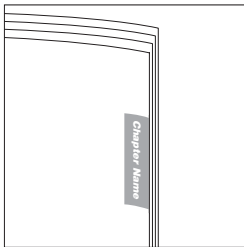
## Resources

603

623

## Ten Tips: How to Get the Most Out of This Book

### Tip 1



**Watch** the tabs on the right-hand edges of the pages. They'll always indicate which chapter you are in.

## Tip 2

[illegible]

**Use the Statement of Line pages** for an overview of the available components, their sizes, and page references for additional information. Each *Understanding* chapter includes a statement of line after the table of contents.

### Tip 3



**Find cross references**  
by looking for page numbers  
flagged with an arrow.

### Tip 4

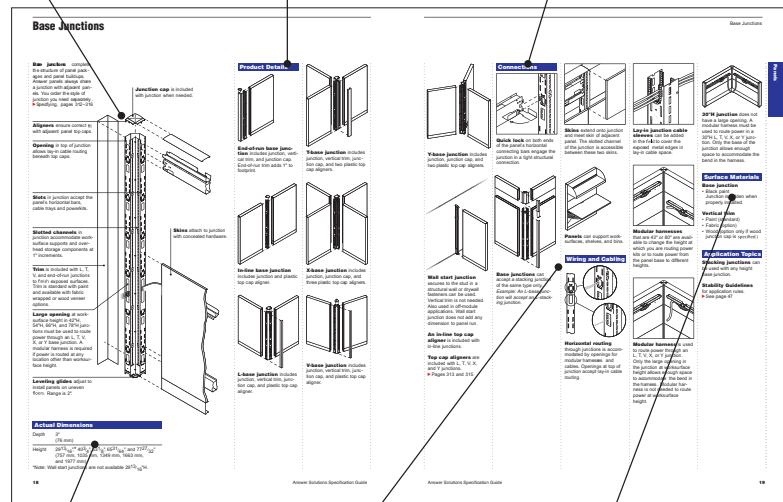
**Study the product detail pages** in the *Understanding* section to learn everything an expert knows about specific products. Each product detail page in this section contains the following features, where applicable:

- Product Drawing
- Actual Dimensions
- Product Details
- Connections
- Wiring and Cabling
- Surface Materials
- Application Topics

**Product Drawing** shows you what the product looks like and points out important features.

**Product Details**  
gives specific information on the product and how it is used.

**Connections**  
describes how the product is assembled or how it attaches to another product.



**Actual Dimensions**  
table lists the dimensions  
of the product.

**Wiring and Cabling** details the power and cable-management and cable routing capabilities of the product.

**Surface Materials**  
lists what material is used  
for each part of the  
product.

### Tip 5

**Refer to the specifying pages** for all the information needed to order a product.

Each product specifying page contains a variety of elements to help you complete a specification:

- Product Drawing
- Standard Includes
- Required to Specify
- Options
- Related Products
- Specification Information
  - Dimensions
  - Style Number
  - Price

### Standard Includes

(under the red or dark grey band) provides a list of what comes standard with the product.

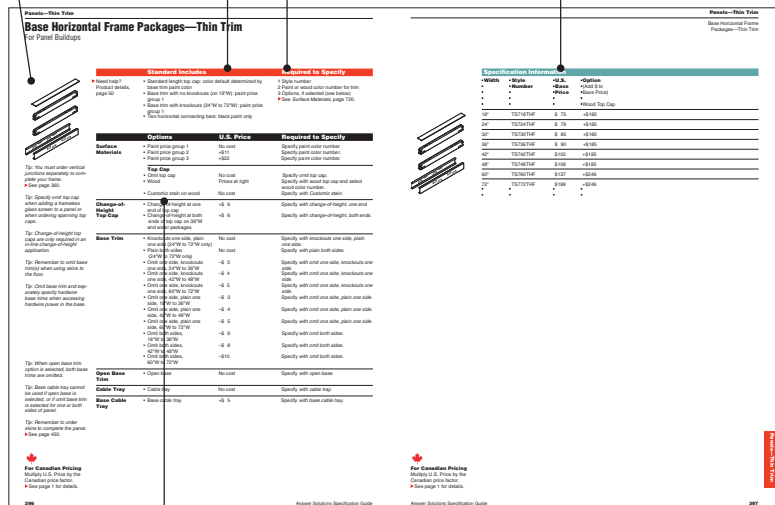
### Required to Specify

(under the red or dark grey band) itemizes the information that you must provide to order the standard product and the preferred sequence for specification.

### Specification Information

(under the teal or light grey band) provides product dimensions, style numbers, and prices for the standard product and any surface material choices that are available.

**Product Drawing** shows you what the product looks like.



## Options

(under the black band) lists all the options that apply to the product, their price, and what is required to specify.

## Related Products

provide specification information for products that are directly related.

### Tip 6

### Required to Specify

Specify with Customiz Stain

**Italic typeface** on specifying pages usually identifies wording that you should use in your order.

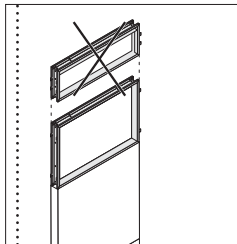
### Tip 7

**To determine** how many skins are needed to complete a panel, consult the table at the right.

*Tip: Remember to order skins for both sides of the panel buildup.*

**Watch for tips** throughout the text that give you explanations and helpful instructions.

### Tip 8



**Learn what you cannot do** by looking for drawings crossed out with an “X.”

**Tip 9**

**Use the surface materials listings** in the Surface Materials section of this book to find surface material color numbers.

### Tip 10

Style Number	Page
TS7042BL	131
TS7042S	130
TS7048BL	131
TS7048S	130
TS7060BL	131
TS7060S	130
TS7072BL	131

**Refer to the style number index** when you know a style number and you need to find the page that has more details about the product.

# Additional Resources

**Montage** is supported with informational materials, tools, and software to help you plan, specify, and order an installation efficiently.

**Product brochures and planning tools** can be ordered through your Steelcase area office by calling 1.800.784.0358 or through the Marketing Resources web site at [village.steelcase.com](http://village.steelcase.com).

**This specification guide** contains multiple Steelcase product lines which are designed into one specification guide for your convenience. Note that each product may be subject to different pricing terms and conditions.

Additional storage products can be found in the *Storage Specification Guide*.

## Printed Materials

### Tile Portfolio

Color photographs of new and existing tiles in a fun "flip book" that demonstrates the endless combinations and beauty of Montage tiles.  
*Form number S11240*

### Montage Solutions Brochure

*Form number S10945*

### Universal Worksurface Products Brochure

*Form number 02-0002583*

**Storage Specification Guide** contains storage that attaches to Montage.

### turnstone Furniture Specification Guide

contains Kick Systems products and storage that complement Montage.

### Montage Wired

This brochure provides a written, quick, and colorful overview of how Montage accommodates technology. A color photograph of the interior of an untiled workstation loaded with cable, power consolidation point, and plenty of power and termination points demonstrates Montage's technology capability.  
*Form number S2515*

## Surface Materials Reference Manual

provides:

- An explanation of the surface materials program
- "Available on" matrices
- Vertical surface fabric and seating upholstery selection listing
- Technical data for surface materials
- Surface material care and cleaning instructions

## Planning Tools

### Quick Ship Guide

This handbook describes all Steelcase, turnstone, and Coalesse products that are available for Rapid2 (ships in 2 days), Rapid5 (ships in 5-7 days), or Coalesse Rapid10 (ships in 10 days).

## Videos

### Product Overview Video

Video showing Montage worksetting that explains the breadth of Montage aesthetics, flexibility, and technology options.

*Form number S70643*

## Computer Tools

### Electronic Catalog

Accurate sales quotations and purchase orders for Steelcase products are created with specification software that uses Steelcase Electronic Catalog data. Use the data to specify and price style numbers and options for every Steelcase product. The data is updated bimonthly by Steelcase and provided to software programs including: the Hedberg Business System, SmartTools—Steelcase's design and specification software (for more information on SmartTools, please email [SmartTools@steelcase.com](mailto:SmartTools@steelcase.com)), the ProjectMatrix Project-Symbols libraries, as well as 20-20 CAP Studio.

### Furniture Symbol Graphic Data

Steelcase creates 2D and 3D furniture symbols (with attributes) for planning and initially specifying Steelcase products. This data is incorporated into several add-on software packages that work in either a Microstation or an AutoCAD drafting environment.

► For more information about these and other software tools to help you plan effective work environments, please email [fsl@steelcase.com](mailto:fsl@steelcase.com).

### Digital Publications

You can access these digital publications at [www.steelcase.com](http://www.steelcase.com) or [village.steelcase.com](http://village.steelcase.com).

## Montage CD-ROM

This interactive CD-ROM includes a model customer sales presentation, Montage thought-starter renderings, Montage digital photos, and PDFs of several Montage sales and learning publications.

*Form number S11417*

## Montage Product Training

Basic training for Montage and many other Steelcase products is part of the Building Product Muscle curriculum on the Steelcase University Web site at [village.steelcase.com](http://village.steelcase.com).

The Montage BPM web-based module is an interactive course filled with pictures, product detail, and practice exercises designed to build knowledge of Montage's positioning, statement of line, features and benefits, competitive products, application, and sales presentation. It also provides printable job aids of all content covered in the course to serve as ongoing performance support for Steelcase and dealer salespeople. The Montage BPM is course SAL277.

## Support

### Steelcase Capabilities

Steelcase products are distributed, installed, and serviced through a network of more than 600 dealers worldwide. Steelcase is also represented with offices and corporate showrooms in 26 U.S. cities, 4 Canadian cities, and in France, Germany, Great Britain, and Japan. Every Steelcase product meets our exceptionally high standards of quality and durability and comes with the Steelcase assurance of excellence in service.

### For assistance,

please call your local dealer, the Steelcase Solutions Resource Team, or the Steelcase Solutions Fulfillment Team at 1.888.STEELCASE (1.888.783.3522) or send an email to [line-one@steelcase.com](mailto:line-one@steelcase.com).

Call the Steelcase Solutions Resource Team prior to placing an order, when working on a bid, or when you need information about product applications and specifications.

Call the Steelcase Solutions Fulfillment Team if you have submitted an order to Steelcase and you need to speak to your Solutions Fulfillment Team Representative about the order. Also call if you have any post-shipment quality concerns or service parts questions.

For warranty information, please go to <http://www.steelcase.com/warranty/>.

Outside the U.S.A., Canada, Mexico, Puerto Rico, and the U.S. Virgin Islands, call 1.616.247.2500.

For information about Steelcase, the name of your nearest Steelcase dealer, or for product literature, call 1.800.333.9939, or visit our Web site: [www.steelcase.com](http://www.steelcase.com).



Related Products

**Slatwall worktools** are available for use with Montage slatwall tiles.

**Worktools** include a full line of ergonomically designed products that enhances and improves the work setting. Product platforms include computer support tools, organizational worktools, and personal lighting.

► For additional information, refer to *Steelcase Worktools Specification Guide* or contact Steelcase at 1.888.STEELCASE (1.888.783.3522) or email [lineone@steelcase.com](mailto:lineone@steelcase.com).

**Height-adjustable desks** include a full line of crank, counterbalance, and electric height-adjustable desks which promote well-being in the office.

► For additional information, refer to *Height-Adjustable Desks Specification Guide* or call 1.888.STEELCASE or email [lineone@steelcase.com](mailto:lineone@steelcase.com).



# Understanding Frames and Junctions

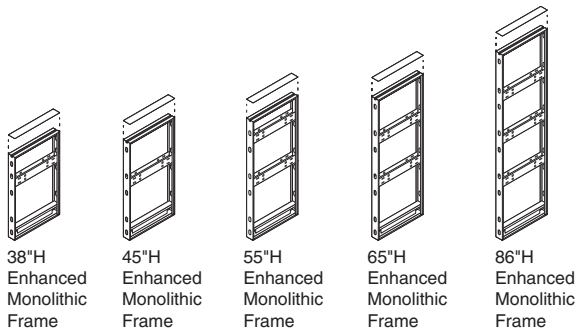
	
<b>Statement of Line</b>	<b>8</b>

## 

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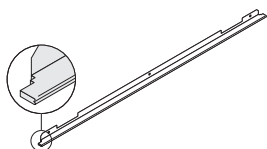
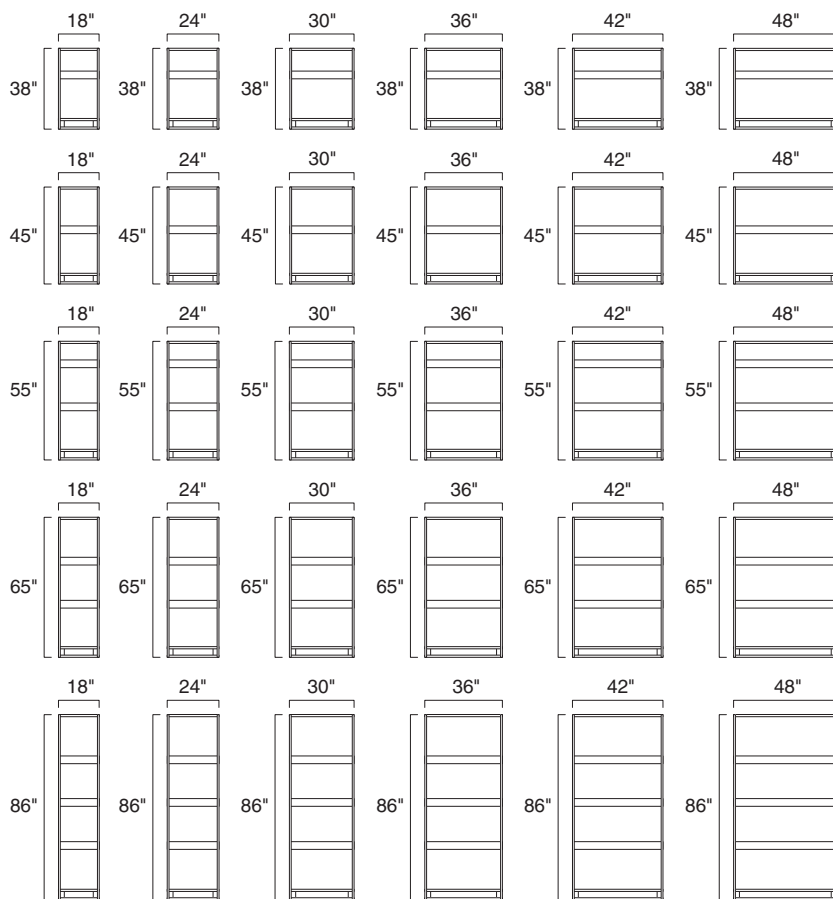
# Statement of Line

## Frames and Junctions



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## Enhanced Monolithic Frames



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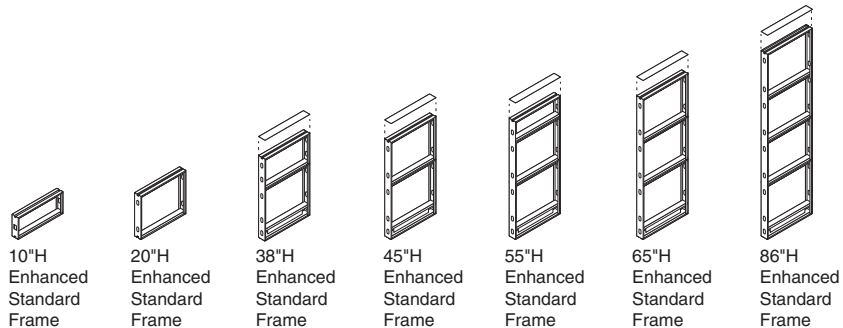
Understanding  
 ▶ Page 27  
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## Horizontal Filler Strip

18"W	24"W	30"W	36"W	42"W	48"W
•	•	•	•	•	•

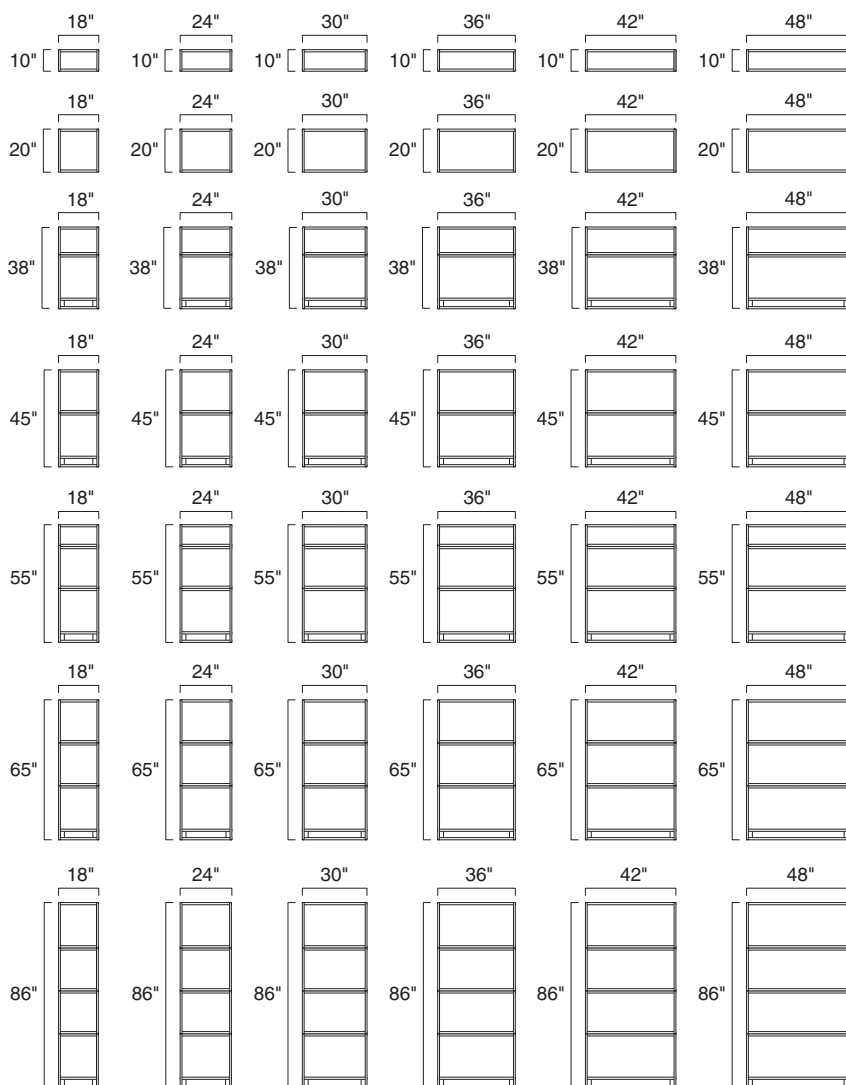
## Vertical Slot Cover

10"H	13"H	20"H	20"H Desk Cavity
•	•	•	•

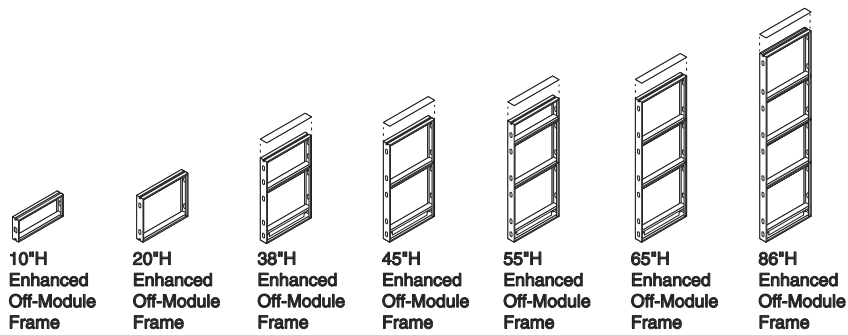


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## Enhanced Standard Frames

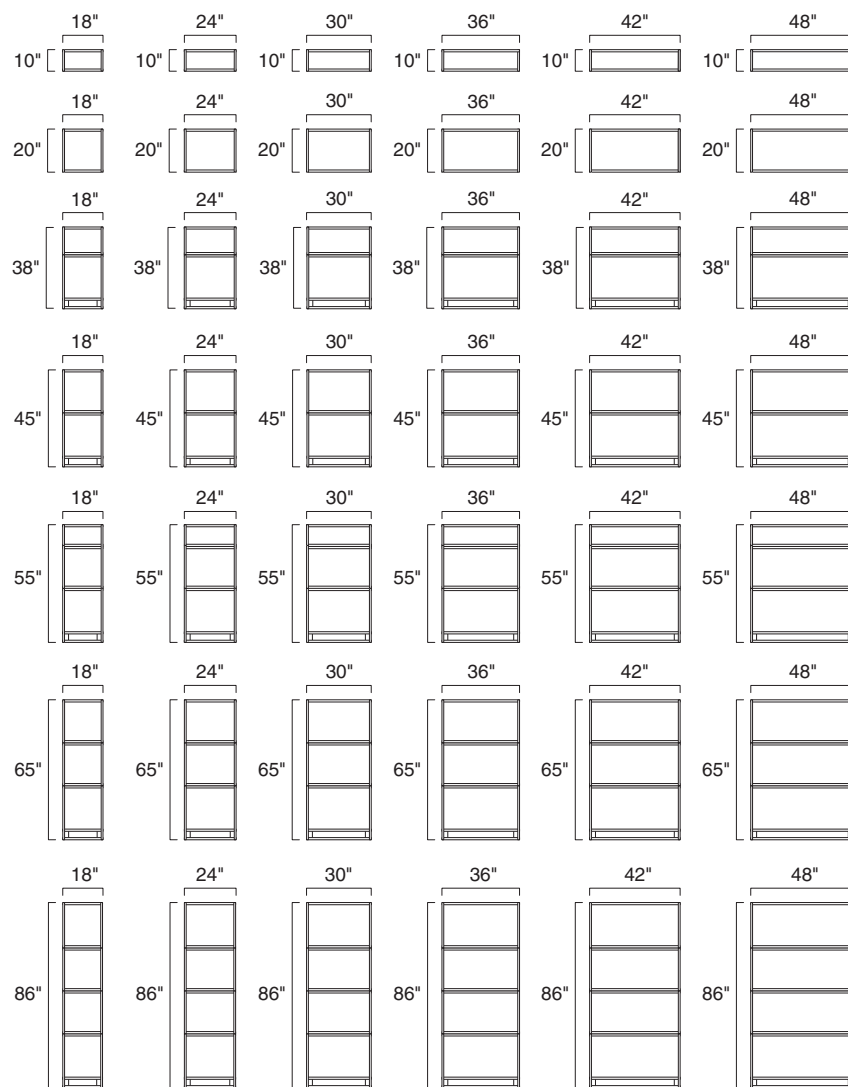


## Statement of Line Frames and Junctions, continued



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### Enhanced Off-Module Frames

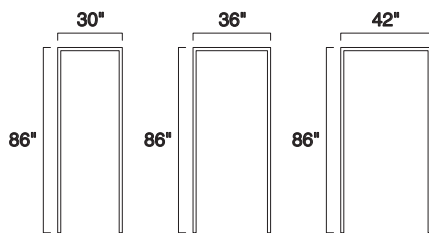


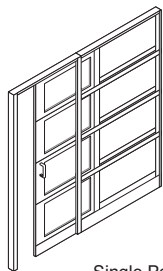




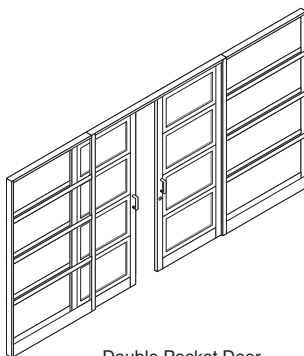
Understanding  
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## Frame with Door





Single Pocket Door

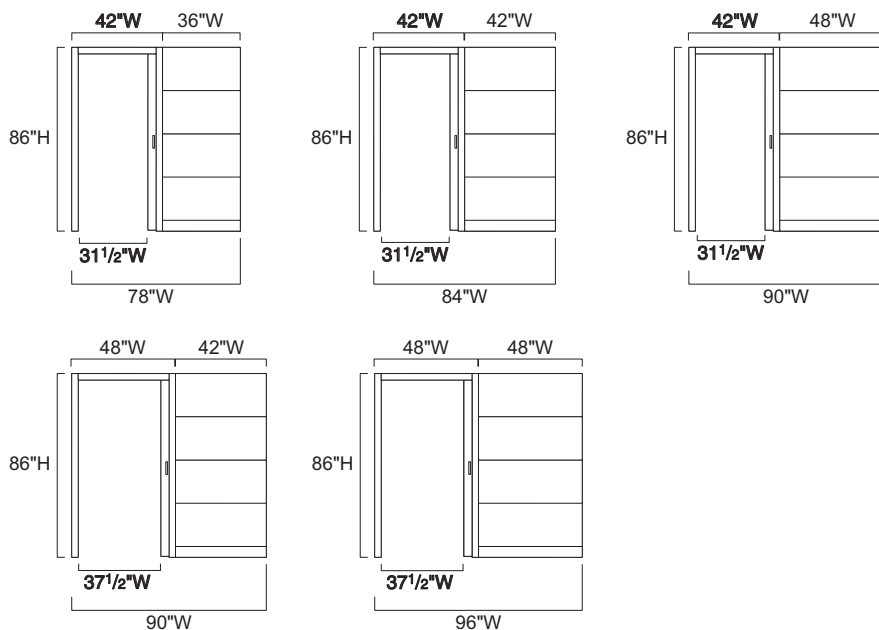


Double Pocket Door

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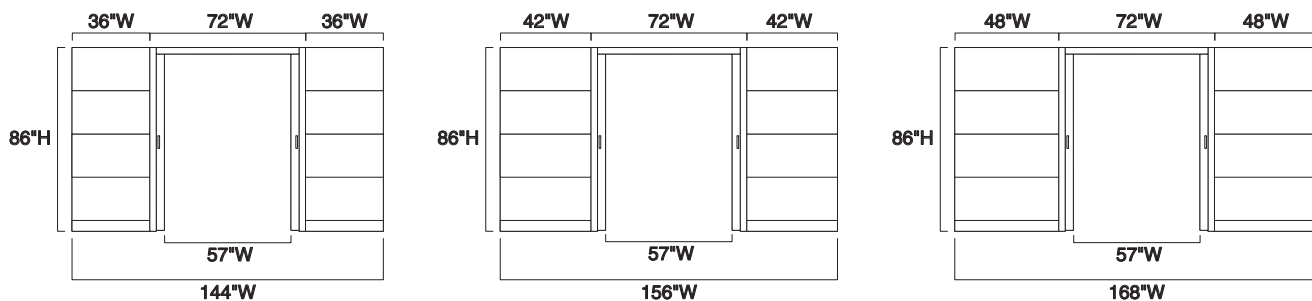
## Pocket Doors

### Single pocket doors\*



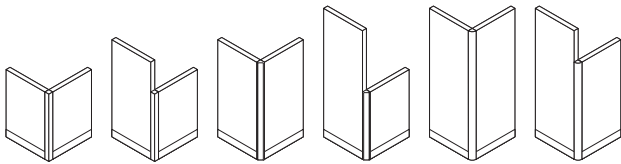
\*Right-hand doors shown. Left-hand versions are also available.

### Double pocket doors

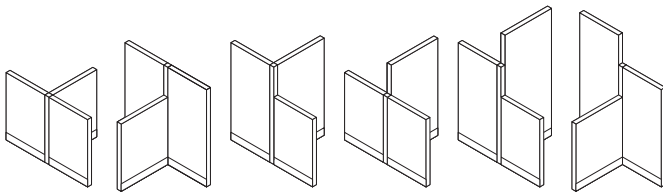


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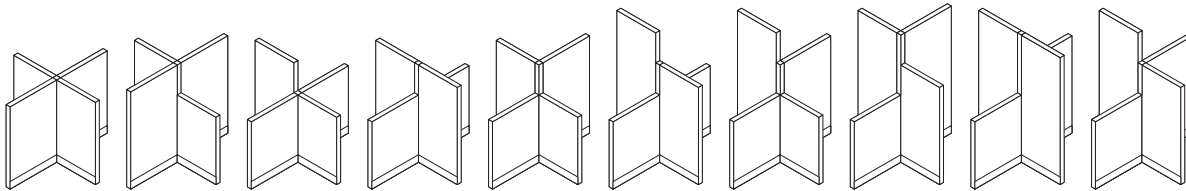
## Junctions



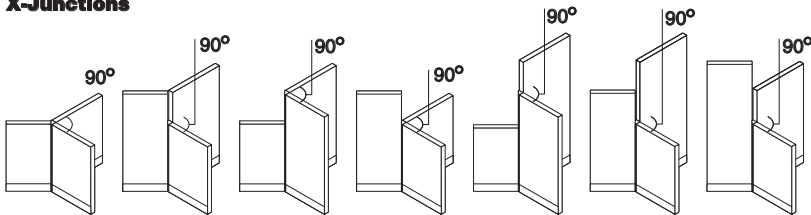
**L-Junctions**



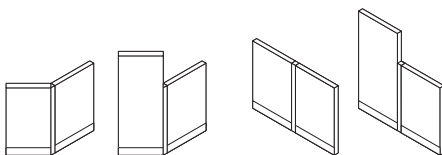
**T-Junctions**



**X-Junctions**

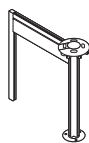


**Y-Junctions**



**V-Junctions**

**I-Junctions**



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**Fence Connector**

	33½"H
2"D	●

# Enhanced Monolithic Frames

## Enhanced monolithic frames

are designed to link horizontally and accept stack-on frames to create visual space division and accommodate electrical and cable routing. Enhanced monolithic frames are designed to utilize frame, worksurface, and upper storage on-module connections. Enhanced monolithic frames can be connected to enhanced standard and enhanced off-module frames. Enhanced monolithic frames can be connected to enhanced off-module frames on a spine wall.

► Specifying, page 306

**Cable carriers** organize cables inside frame.

**Openings** in frame allow pass-through cable routing.

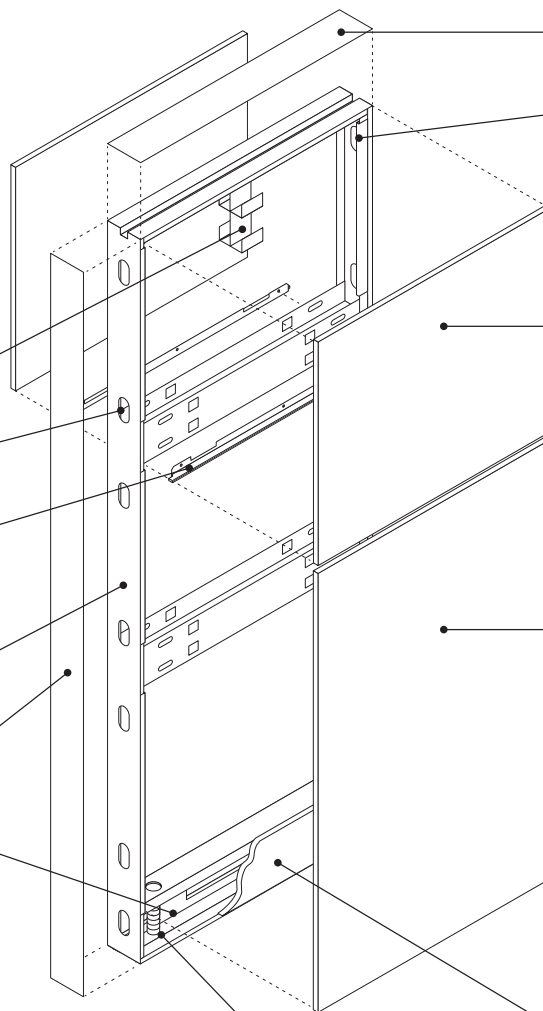
**Horizontal filler strip**, ordered separately, must be attached at each segmentation location.

**Frame** is structural and stackable.

**End trim** is available to finish the exposed end of a run of frames.

**Base cavity** can accommodate a powerkit to provide electrical receptacles in the base. In addition, if power is not used at base, the entire base cavity can be used for cable distribution and voice/data quick connects.

**Open base cavity** is available for routing power from the base of the adjacent frame to the desk cavity location. The open base frame cannot accommodate a powerkit.



**Top cap** finishes the top surface of frames.

**Gaskets** inside the panel frame eliminate all light leaks.

**Enhanced 10"H and 20"H tiles** can be used on enhanced monolithic or enhanced standard frames.

**Enhanced monolithic tiles**, available in tackable acoustical, high-performance acoustical, or wood, can be used on enhanced monolithic frames only.

**Leveling glide** is adjusted before the tile is installed. Range is 2".

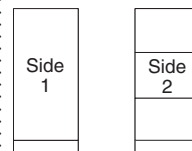
**Base cover** is available plain or with openings to accommodate receptacles. You can mix plain and power base covers on opposite sides of the same frame.

## Product Details



Enhanced Monolithic Tile

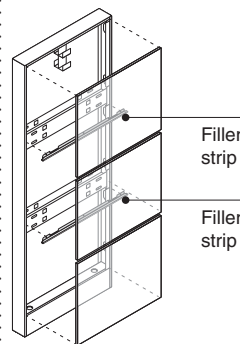
Enhanced Monolithic Tile



Enhanced Monolithic Tile

Segmented Tiles

**Enhanced monolithic frames** can accept an enhanced monolithic tile on both sides or an enhanced monolithic tile on side one and any segmented tiles with or without desk-height cavity cover on side two. ► See pages 358–372 for *Enhanced Monolithic Tiles* and *Enhanced Tiles*.



Filler strip

Filler strip

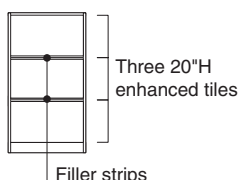
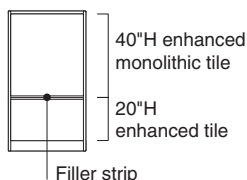
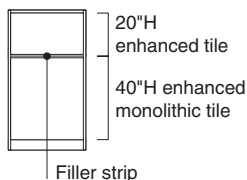
**Horizontal filler strip** must be added to the enhanced monolithic frame in each location where tile segmentation occurs. The filler strip is field installed and placed between two tiles on a frame. The filler strip provides the same aesthetic as an enhanced standard frame with segmentation.

► Page 308

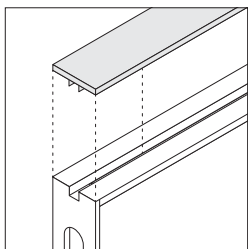
## Actual Dimensions

Depth (thickness)	3"
Width	18", 24", 30", 36", 42", or 48"
Height	10 <sup>21</sup> / <sub>64</sub> ", 20 <sup>43</sup> / <sub>64</sub> ", 37 <sup>1</sup> / <sub>4</sub> ", 44 <sup>11</sup> / <sub>16</sub> ", 55 <sup>1</sup> / <sub>64</sub> ", 65 <sup>23</sup> / <sub>64</sub> ", or 86 <sup>1</sup> / <sub>32</sub> "
Stacked height	55 <sup>1</sup> / <sub>64</sub> ", 65 <sup>23</sup> / <sub>64</sub> ", or 86 <sup>1</sup> / <sub>32</sub> "
Door height	86 <sup>1</sup> / <sub>32</sub> "
Leveling glide range	2"

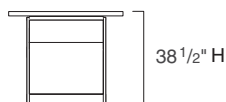
#### 65"H frames



**Tile segmentation** on an enhanced monolithic frame may vary.

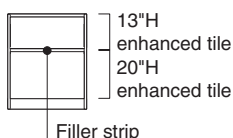


**Top caps** are provided with 38"H, 45"H, 55"H, 65"H, and 86"H frames. To stack 10"H or 20"H frames on top, the top cap is removed and reinstalled on the top frame. Top caps are available in metal and wood.

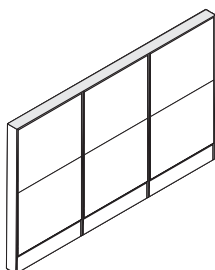


**38"H frames** are designed to accommodate a transaction height of 38 1/2"H to the top of the transaction top. 38"H frames do not accept stacker frames.

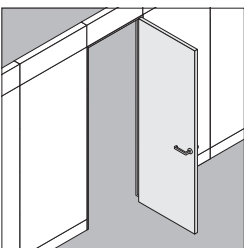
#### 38"H frames



**38"H enhanced monolithic frames** accept a 20"H and a 13"H enhanced tile or a 33"H enhanced monolithic tile.



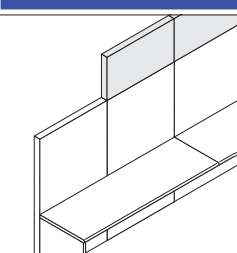
**Extended top cap** covers multiple frames eliminating the top cap joint. Not recommended on frames higher than 55"H and does not extend over junctions. Only available in steel.



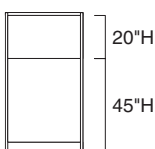
**Door and frame and single or double pocket doors** are available to provide additional privacy for workstations. ▶ Pages 28–31

**Special door tie plate** is required in installations where no frames are installed above the door. Contact your local area Steelcase office for details about special product applications.

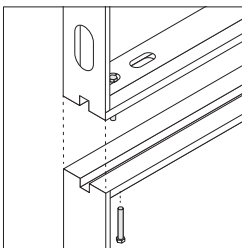
#### Connections



**10"H and 20"H frames** are designed to stack on top of 45"H, 55"H, and 65"H enhanced monolithic frames. ▶ See page 312 for *Enhanced 10"H and 20"H Single Stack-on Frames*.



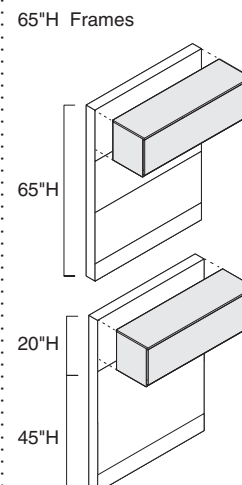
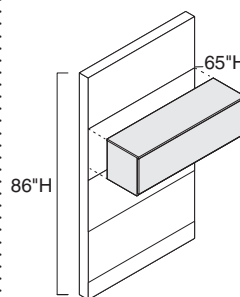
**A horizontal filler strip** is not needed between the base frame and stack-on frame.



**Heavy steel connectors** bolt to frames to ensure stability. 45"H, 55"H, and 65"H frames can be used by themselves or with one 10"H or 20"H frame stacked on top.

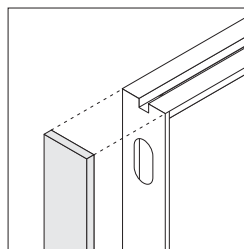
**Frames** can support other components including work-surfaces, overhead storage bins, and shelves.

#### 86"H Frames



**Overhead storage bins and shelves** install at 65"H only. They cannot install on a 10"H stacker or any base frame lower than 65"H.

*Tip: A special half-height shelf is available, contact Systems Specials Group for an engineering quote.*

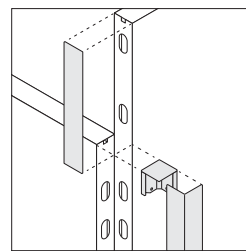


**Vertical end trim** can be ordered to finish the exposed end of a run of frames. Trim is available in either metal or wood.

**Metal end trim** must be used with metal top caps.

**Wood end trim** must be used with wood top caps. *Tip: End trim alignment is critical during installation. Ensure that end trim and top cap are installed flush to avoid function and aesthetic flaws, specifically in 45" applications.*

**Junctions** are available to join adjacent frames of the same height together in L-, V-, T-, Y-, and X-configurations. Although junctions are not required to join frames in a straight line, an in-line I-junction is available to maintain alignment with frames that are joined with junctions. Wood junctions are available in L-, I-, T-, and X-configurations.

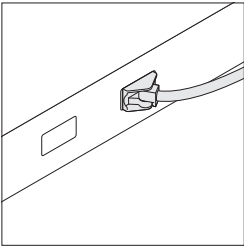


**Junctions** can also join frames of different heights. ▶ Page 32

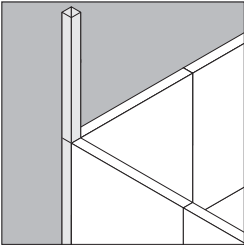
**Adjustable wall-attachment bracket** is available to anchor the beginning of a run of frames to a perpendicular wall. Or frame can be attached directly to wall without bracket. Adjustability allows 2 1/4" to 4" for creep. *Tip: Wall-attachment bracket is required when a door frame is being attached to a wall.*



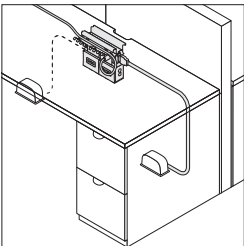
## Wiring & Cabling



**Base power-in** brings power to the frames at the right-hand receptacle location in the base.



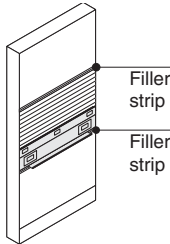
**Power pole** can be added above any square junction, except the in-line junction, to bring power and cables down from the ceiling. Top power-in cable, installed inside the power pole, connects to the powerway in the base or desk-height cavity of the frame without occupying any receptacle locations.



**Internode** is available to be field installed to bring power and voice/data outside of the frame and mount above or below the workspace.  
 ▶ See *Context Specification Guide*

**Powerkit** in the base of frame is field installed to provide three wiring schematics using an eight-wire system. Pass-through powerways are also available when you want to extend the network without installing receptacles in one of the frames.  
 ▶ Page 58

**Desk-height cavity** can be added above work-surface height to accept powerkit and voice/data quick connects. Additional data openings can also be optioned to add voice/data quick connects below work-surface height. They accept both NEMA and modular data faceplates.



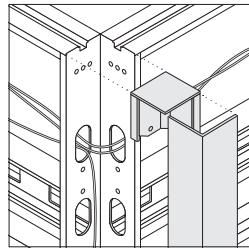
**Tile segmentation and a desk-height cavity** is required for desk-height power and data access. Tiles cannot be field-cut.  
*Tip: Horizontal filler strips must be added in each location where tile segmentation occurs. A filler strip is not needed between the desk-height cavity cover and the 13"H tile above.*

**Desk-height cavity** can be covered with a 20"H tile. Tile cannot be slatwall, high-performance acoustical, or perforated non-tackable.

**Open base cavity on frames** is used to transfer power from the base of the adjacent panel to the desk-height location. These frames cannot connect to each other; they must be installed between power base frames.

**Frame base** will not accept any power components such as powerkits or Chicago boxes. Frame base cannot accept data terminations or data faceplates in the base cover.

**Openings** in frame allow cables to be routed inside the walls of a workstation.



**Junctions** allow cables and transfer cables to be routed vertically.

**All frames** are listed by Underwriters Laboratory (UL) and certified by the Canadian Standards Association (CSA).

## Surface Materials

**Frame**  
 • Paint

**Top cap**  
 • Paint  
 • Wood

**End trim**  
 • Paint  
 • Wood

**Base cover**  
 • Paint

**Desk-height cavity cover**  
 • Paint

**Junctions**  
 • Paint  
 • Wood

**Door frame**  
 • Paint

**Doors**  
 • Laminate

**Wall-attachment bracket**  
 • Paint

**Power and cable poles**  
 • Paint

**Lay-in cover**  
 • Paint

## Application Topics

**Frames over 6' high** and frames that are close to the ceiling should be reviewed and approved by the local building inspector before you complete your specification.

**Open base frame**

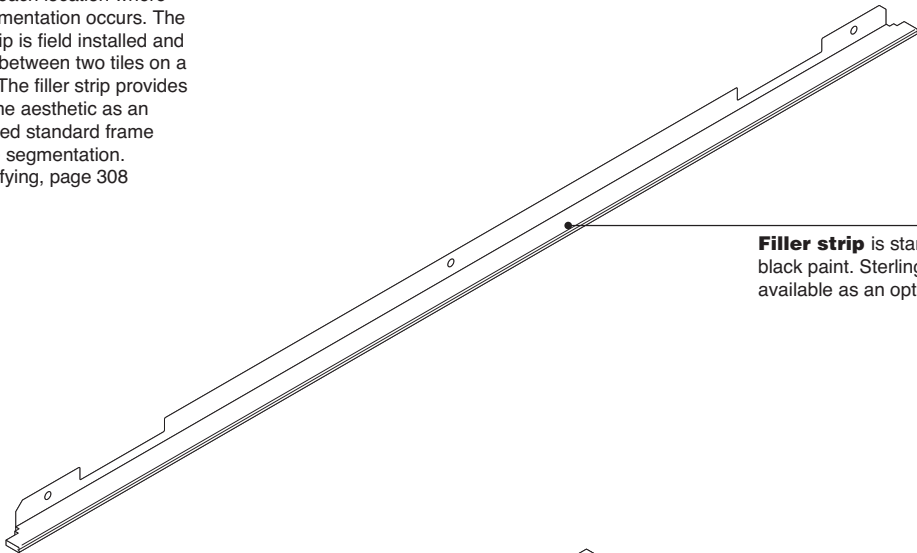
- Cannot be installed next to a junction
- Cannot be attached side by side
- Fiber-in tile cannot install in open base frame
- Glass tiles cannot install in bottom segment of an open base frame
- Full to the floor tiles cannot install on an open base frame

# Horizontal Filler Strip for Use on Enhanced Monolithic Frames

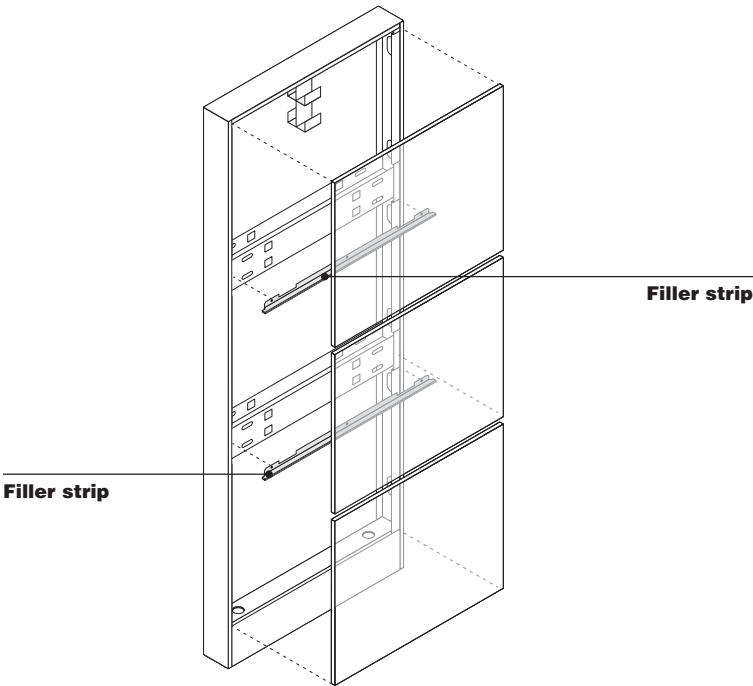
Horizontal Filler Strip  
for Use on Enhanced  
Monolithic Frames

**The horizontal filler strip** must be added to an enhanced monolithic frame only in each location where tile segmentation occurs. The filler strip is field installed and placed between two tiles on a frame. The filler strip provides the same aesthetic as an enhanced standard frame with tile segmentation.

► Specifying, page 308

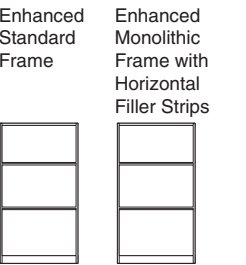


**Filler strip** is standard in black paint. Sterling paint is available as an option.



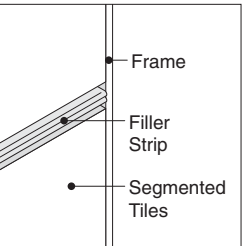
## Product Details

**Filler strip** is available in all widths as enhanced monolithic frames.

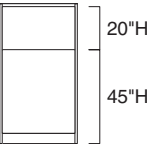


**Horizontal filler strip** provides the same aesthetic as an enhanced standard frame with segmentation.

**Attachment hardware**, shipped with the filler strip, attaches filler strip to the frame.



**At each location where tile segmentation occurs**, horizontal filler strip must be added.  
*Tip: A horizontal filler strip is not needed between the desk-height cavity cover and the 13"H tile above.*



**When stacking on top of enhanced monolithic frames**, a horizontal filler strip is not needed between the base frame and stack-on frame.

## Actual Dimensions

Width	18", 24", 30", 36", 42", or 48"
Height	1 1/16"

# Enhanced Standard Frames

**Enhanced standard frames** are designed to link horizontally and stack vertically to create visual space division and accommodate electrical and cable routing. Standard frames are designed to utilize frame, worksurface, and upper storage on-module connections. Enhanced standard frames can be connected to enhanced off-module frames on a spine wall. Enhanced standard frames can be used with enhanced off-module frames.

► Specifying, pages 310–312

**Cable carriers** organize cables inside frame.

**Openings** in frame allow pass-through cable routing.

**Frame** is structural and stackable.

**Slatwall tiles** can be added to accommodate work organizers.

**End trim** is available to finish the exposed end of a run of frames.

**Base cover** is available plain or with openings to accommodate receptacles. You can mix plain and power base covers on opposite sides of the same frame.

**Base cavity** can accommodate a powerkit to provide electrical receptacles in the base. In addition, if power is not used at base, the entire base cavity can be used for cable distribution and voice/data quick connects.

**Enhanced tiles** work on enhanced standard frames or enhanced monolithic frames.

**Top cap** finishes the top surface of frames.

**Gaskets** inside the panel frame eliminate all light leaks.

**Tackable acoustical tiles** can be added to provide a tackable, fabric-covered surface.

**Desk-height cavity** can be added above worksurface height to accept powerkit and voice/data quick connects. Additional data openings can also be optioned to add voice/data quick connects below worksurface height. They accept both NEMA and modular data faceplates.

**Pass-through powerkit** extends power to powerkit in adjacent frame.

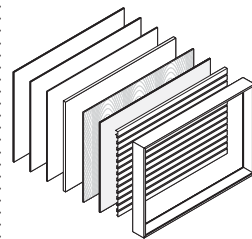
**Desk-height cavity cover** provides openings for electrical outlets and voice/data receptacles above worksurface and optional Decora/NEMA openings below worksurface.

**Tray** below worksurface catches cords and cables and aids cable management. Tray can be added as an option.

**Leveling glide** is adjusted before the tile is installed. Range is 2".

**Non-tackable tiles** are available with a painted or fabric-covered surface.

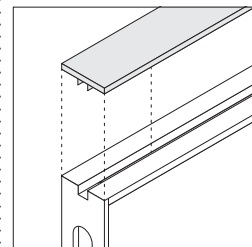
## Product Details



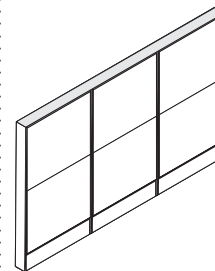
**Enhanced tiles** are available in many versions—tackable acoustical, high-performance acoustical, painted steel, patterned steel, fabric-covered steel, laminate, wood, markerboard, slatwall, glass, and base fiber-in.

*Tip: Enhanced monolithic tiles can be used on enhanced monolithic frames only.*

*Tip: The use of glass on the spine wall is limited to one row in an off-modular connection.*



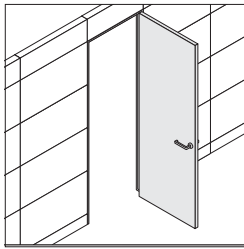
**Top caps** are provided with 38"H, 45"H, 55"H, 65"H, and 86"H frames. To stack 10"H or 20"H frames on top, the top cap is removed and reinstalled on the top frame. Top caps are available in metal and wood.



**Extended top cap** covers multiple frames eliminating the top cap joint. Not recommended on frames higher than 55"H and does not extend over junctions. Only available in steel.

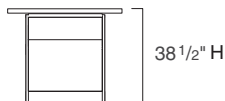
## Actual Dimensions

Depth (thickness)	3"
Width	18", 24", 30", 36", 42", or 48"
Height	10 <sup>21</sup> / <sub>64</sub> ", 20 <sup>43</sup> / <sub>64</sub> ", 37 <sup>1</sup> / <sub>4</sub> ", 44 <sup>11</sup> / <sub>16</sub> ", 55 <sup>1</sup> / <sub>64</sub> ", 65 <sup>23</sup> / <sub>64</sub> ", or 86 <sup>1</sup> / <sub>32</sub> "
Stacked height	55 <sup>1</sup> / <sub>64</sub> ", 65 <sup>23</sup> / <sub>64</sub> ", or 86 <sup>1</sup> / <sub>32</sub> "
Leveling glide range	2"



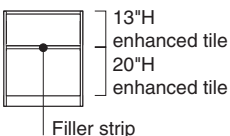
**Door and frame and single or double pocket doors** are available to provide additional privacy for workstations.  
► Pages 28–31

**Special door tie plate** is required in installations where no frames are installed above the door. Contact your local area Steelcase office for details about special product applications.



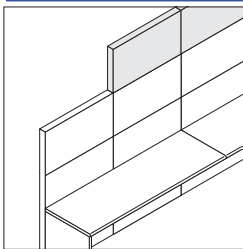
**38"H frames** are designed to accommodate a transaction height of 38 1/2"H to the top of the transaction top.

38"H frames

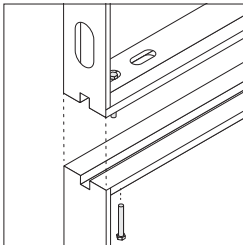


**38"H enhanced standard frames** accept a 20"H or a 13"H enhanced tile. 38"H frames do not accept stacker frames.

## Connections



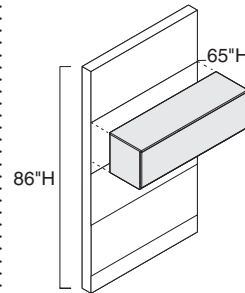
**10"H and 20"H frames** are designed to stack on top of 45"H, 55"H, and 65"H frames.



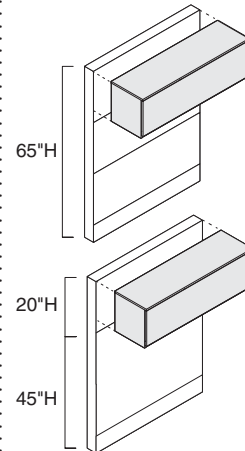
**Heavy steel connectors** bolt to frames to ensure stability. 45"H, 55"H, and 65"H frames can be used by themselves or with one 10"H or 20"H frame stacked on top.

**Frames** can support other components including work-surfaces, overhead storage bins, and shelves.

86"H Frames

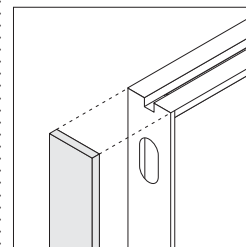


65"H Frames



**Overhead storage bins and shelves** install at 65"H only. They cannot install on a 10"H stacker or any base frame lower than 65"H.

*Tip: A special half-height shelf is available, contact Systems Specials Group for an engineering quote.*

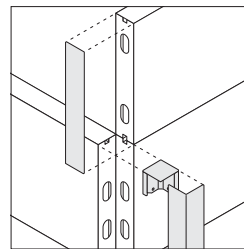


**Vertical end trim** can be ordered to finish the exposed end of a run of frames. Trim is available in either metal or wood.

**Metal end trim** must be used with metal top caps.

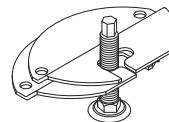
**Wood end trim** must be used with wood top caps.  
*Tip: End trim alignment is critical during installation. Ensure that end trim and top cap are installed flush to avoid function and aesthetic flaws, specifically in 45" applications.*

**Junctions** are available to join adjacent frames of the same height together in L-, V-, T-, Y-, and X-configurations. Although junctions are not required to join frames in a straight line, an in-line I-junction is available to maintain alignment with frames that are joined with junctions. Wood junctions are available in L-, I-, T-, and X-configurations.



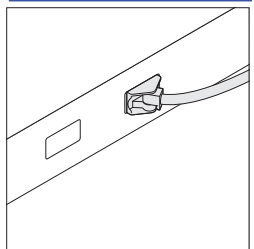
**Junctions** can also join frames of different heights.  
► Page 32

**Adjustable wall-attachment bracket** is available to anchor the beginning of a run of frames to a perpendicular wall. Or frame can be attached directly to wall without bracket. Adjustability allows 2 1/4" to 4" for creep.  
*Tip: Wall-attachment bracket is required when a door frame is being attached to a wall.*

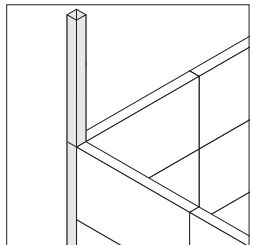


**Floor anchor brackets** are available to secure frames to the floor to prevent panel movement. Brackets are intended for use in seismic zones and may require additional code approvals.

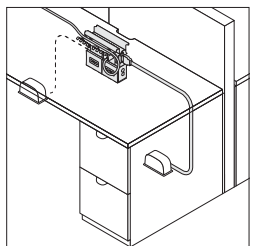
## Wiring & Cabling



**Base power-in** brings power to the frames at the right-hand receptacle location in the base.



**Power pole** can be added above any square junction, except the in-line junction, to bring power and cables down from the ceiling. Top power-in cable, installed inside the power pole, connects to the powerway in the base or desk-height cavity of the frame without occupying any receptacle locations.



**Internode** is available to be field installed to bring power and voice/data outside of the frame and mount above or below the work surface.  
► See Context Specification Guide

**Powerkit** in the base of frame is field installed to provide three wiring schematics using an eight-wire system. Pass-through powerways are also available when you want to extend the network without installing receptacles in one of the frames.

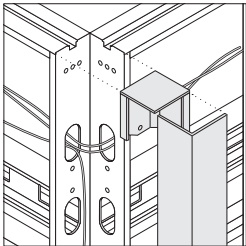
► Page 58

**Desk-height cavities** can be added to accommodate powerkits and voice/data at worksurface height.

**Desk-height cavity** can be covered with a 20"H tile. Tile cannot be slatwall, high-performance acoustical, or perforated non-tackable.

**Frame base** will not accept any power components such as powerkits or Chicago boxes. Frame base cannot accept data terminations or data faceplates in the base cover.

**Openings** in frame allow cables to be routed inside the walls of a workstation.



**Junctions** allow cables and transfer cables to be routed vertically.

**All frames** are listed by Underwriters Laboratory (UL) and certified by the Canadian Standards Association (CSA).

## Surface Materials

### Frame

- Paint

### Top cap

- Paint
- Wood

### End trim

- Paint
- Wood

### Base cover

- Paint

### Desk-height cavity cover

- Paint

### Junctions

- Paint
- Wood

### Door frame

- Paint

### Doors

- Laminate

### Wall-attachment bracket

- Paint

### Power and cable poles

- Paint

### Lay-in cover

- Paint

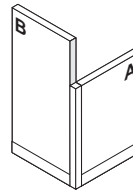
## Application Topics

### Frames over 6' high

and frames that are close to the ceiling should be reviewed and approved by the local building inspector before you complete your specification.

### Open base frame

- Cannot be installed next to a junction
- Cannot be attached side by side
- Fiber-in tile cannot install in open base frame
- Glass tiles cannot install in bottom segment of an open base frame
- Full to the floor tiles cannot install on an open base frame



## Application Matrix for Change-of-Height Vertical End Trim

Low Frame	High Frame	End Trim Height
A	B	
38"	45"	7"
45"	55"	10"
55"	65"	10"
38"	55"	17"
45"	65"	20"
65"	86"	20"
38"	65"	28"
55"	86"	30"
45"	86"	40"





# Enhanced Off-Module Frames

**Enhanced off-module frames** are designed to link horizontally and stack vertically to create visual space division and accommodate electrical and cable routing. Off-module frames are designed to utilize frame, worksurface, and upper storage off-module connections. Off-module frames can be used with enhanced standard frames. Off-module connections are slotted in 1½" increments and are hidden behind tiles.

► Specifying, pages 314–316

**Cable carriers** organize cables inside frame.

**Openings** in frame allow pass-through cable routing.

**Frame** is structural and stackable.

**Slatwall tiles** can be added to accommodate work organizers.

**End trim** is available to finish the exposed end of a run of frames.

**Base cover** is available plain or with openings to accommodate receptacles. You can mix plain and power base covers on opposite sides of the same frame.

**Base cavity** can accommodate a powerkit to provide electrical receptacles in the base. In addition, if power is not used at base, the entire base cavity can be used for cable distribution and voice/data quick connects.

**Enhanced tiles** only work on enhanced off-module frames.

**Top cap** finishes the top surface of frames.

**Gaskets** inside the panel frame eliminate all light leaks.

**Tackable acoustical tiles** can be added to provide a tackable, fabric-covered surface.

**Desk-height cavity** can be added above worksurface height to accept powerkit and voice/data quick connects. Additional data openings can also be optioned to add voice/data quick connects below worksurface height. They accept both NEMA and modular data faceplates.

**Pass-through powerkit** extends power to powerkit in adjacent frame.

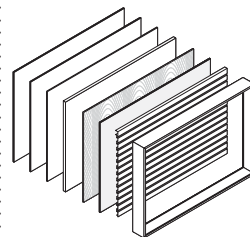
**Desk-height cavity cover** provides openings for electrical outlets and voice/data receptacles above worksurface and optional Decora/NEMA openings below worksurface.

**Tray** below worksurface catches cords and cables and aids cable management. Tray can be added as an option.

**Leveling glide** is adjusted before the tile is installed. Range is 2".

**Non-tackable tiles** are available with a painted or fabric-covered surface.

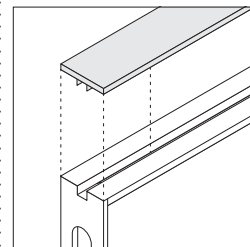
## Product Details



**Enhanced tiles** are available in many versions— tackable acoustical, high-performance acoustical, painted steel, patterned steel, fabric-covered steel, laminate, wood, marker-board, slatwall, glass, and base fiber-in.

*Tip: Enhanced monolithic tiles can be used on enhanced monolithic frames only.*

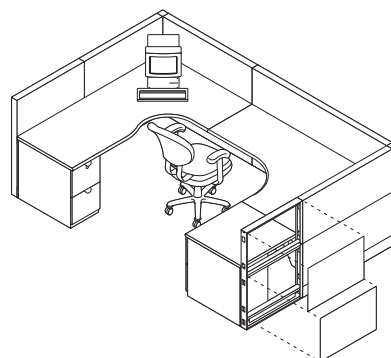
*Tip: The use of glass on the spine wall is limited to one row in an off-modular connection.*

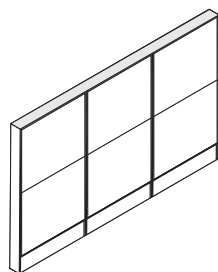


**Top caps** are provided with 38"H, 45"H, 55"H, 65"H, and 86"H frames. To stack 10"H or 20"H frames on top, the top cap is removed and reinstalled on the top frame. Top caps are available in metal and wood.

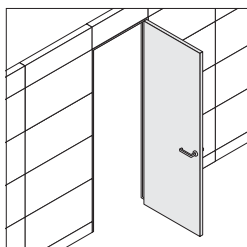
## Actual Dimensions

Depth (thickness)	3"
Width	18", 24", 30", 36", 42", or 48"
Height	10 <sup>21</sup> / <sub>64</sub> ", 20 <sup>43</sup> / <sub>64</sub> ", 37 <sup>1</sup> / <sub>4</sub> ", 44 <sup>11</sup> / <sub>16</sub> ", 55 <sup>1</sup> / <sub>64</sub> ", 65 <sup>23</sup> / <sub>64</sub> ", or 86 <sup>1</sup> / <sub>32</sub> "
Stacked height	55 <sup>1</sup> / <sub>64</sub> ", 65 <sup>23</sup> / <sub>64</sub> ", or 86 <sup>1</sup> / <sub>32</sub> "
Leveling glide range	2"



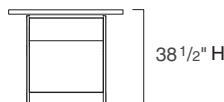


**Extended top cap** covers multiple frames eliminating the top cap joint. Not recommended on frames higher than 55"H and does not extend over L, T, Y, and X junctions. Only available in steel.



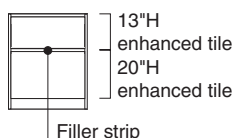
**Door and frame and single or double pocket doors** are available to provide additional privacy for workstations. ▶ Pages 28–31

**Special door tie plate** is required in installations where no frames are installed above the door. Contact your local area Steelcase office for details about special product applications.



**38"H frames** are designed to accommodate a transaction height of 38 1/2"H to the top of the transaction top. 38"H frames do not accept stacker frames.

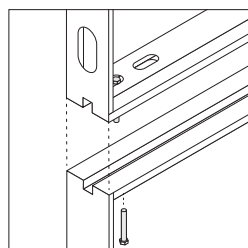
#### 38"H frames



**38"H enhanced off-module frames** accept a 20"H and a 13"H enhanced tile.

### Connections

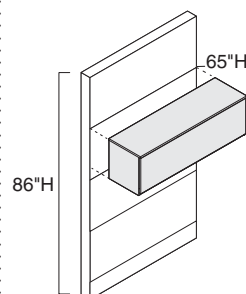
**10"H and 20"H frames** are designed to stack on top of 45"H, 55"H, and 65"H frames.



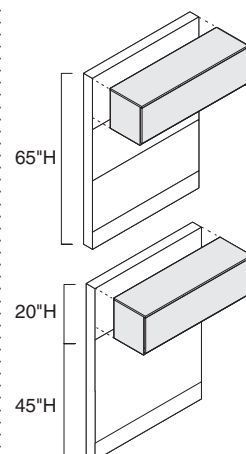
**Heavy steel connectors** bolt to frames to ensure stability. 45"H, 55"H, and 65"H frames can be used by themselves or with one 10"H or 20"H frame stacked on top.

**Frames** can support other components including work-surfaces, overhead storage bins, and shelves.

#### 86"H Frames

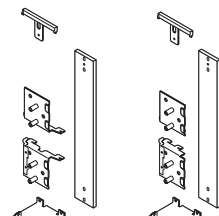


#### 65"H Frames



**Overhead storage bins and shelves** install at 65"H only. They cannot install on a 10"H stacker or any base frame lower than 65"H.

*Tip: A special half-height shelf is available, contact Systems Specials Group for an engineering quote.*

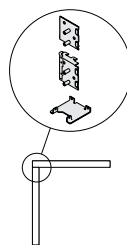


Mid-frame and in-line bracket package

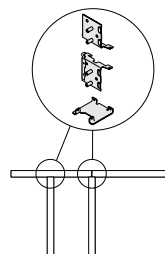
End-of-frame bracket package

**Off-module frame attachment brackets** are used to make frame off-module connections. Package is ordered according to frame height and includes all brackets and light seal.

**Off-module frame** cannot connect to a frame using Regatta fabric. This fabric is too thick and interferes with the off-module connection.



**Off-module end-of-frame bracket** is used to make off-module, end-of-frame, 90° connections.



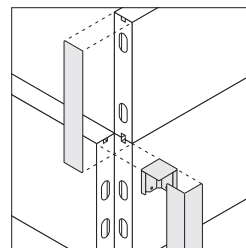
**Off-module mid-frame and in-line bracket** is used to make mid-frame and in-line connections. *Tip: When installing frameless glass on off-module frames, field modification to the top cap is required to allow clearance for top off-module attachment bracket.*

#### Vertical end trim

can be ordered to finish the exposed end of a run of frames. Trim is available in either metal or wood.

*Tip: End trim alignment is critical during installation. Ensure that end trim and top cap are installed flush to avoid function and aesthetic flaws, specifically in 45" applications.*

**Junctions** are available to join adjacent frames of the same height together in L-, V-, T-, Y-, and X-configurations. Although junctions are not required to join frames in a straight line, an in-line I-junction is available to maintain alignment with frames that are joined with junctions. Wood junctions are available in L-, I-, T-, and X-configurations.

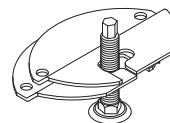


**Junctions** can also join frames of different heights. ▶ Page 32

#### Adjustable wall-attachment bracket

is available to anchor the beginning of a run of frames to a perpendicular wall. Or frame can be attached directly to wall without bracket. Adjustability allows 2 1/4" to 4" for creep.

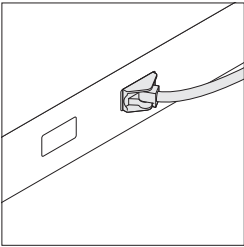
*Tip: Wall-attachment bracket is required when a door frame is being attached to a wall.*



#### Floor anchor brackets

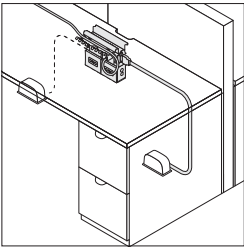
are available to secure frames to the floor to prevent panel movement. Brackets are intended for use in seismic zones and may require additional code approvals.

## Wiring & Cabling



**Base power-in** brings power to the frames at the right-hand receptacle location in the base.

**Power pole** can be added above any square junction, except the in-line junction, to bring power and cables down from the ceiling. Top power-in cable, installed inside the power pole, connects to the powerway in the base or desk-height cavity of the frame without occupying any receptacle locations.



**Internode** is available to be field installed to bring power and voice/data outside of the frame and mount above or below the worksurface.

► See *Context Specification Guide*

**Powerkit** in the base of frame is field installed to provide three wiring schematics using an eight-wire system. Pass-through powerways are also available when you want to extend the network without installing receptacles in one of the frames.

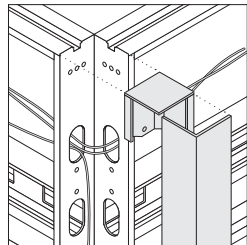
► Page 58

**Desk-height cavities** can be added to accommodate powerkits and voice/data at worksurface height. Cavity can be covered with a 20"H tile. Tile cannot be slatwall, high-performance acoustical, or perforated non-tackable.

**Base-to-desk height and off-module power transfer cable** carries power between the base of a frame to desk-height powerways and can transfer power at off-module frame connections at desk height.

**Frame base** will not accept any power components such as powerkits or Chicago boxes. Frame base cannot accept data terminations or data faceplates in the base cover.

**Openings** in frame allow cables to be routed inside the walls of a workstation.



**Junctions** allow cables and transfer cables to be routed vertically.

**All frames** are listed by Underwriters Laboratory (UL) and certified by the Canadian Standards Association (CSA).

## Surface Materials

**Frame**

- Paint

**Top cap**

- Paint
- Wood

**End trim**

- Paint
- Wood

**Base cover**

- Paint

**Desk-height cavity cover**

- Paint

**Junctions**

- Paint
- Wood

**Door frame**

- Paint

**Doors**

- Laminate

**Wall-attachment bracket**

- Paint

**Power and cable poles**

- Paint

**Lay-in cover**

- Paint

## Application Topics

**Frames over 6' high** and frames that are close to the ceiling should be reviewed and approved by the local building inspector before you complete your specification.

**Open base frame**

- Cannot be installed next to a junction
- Cannot be attached side by side
- Fiber-in tile cannot install in open base frame
- Glass tiles cannot install in bottom segment of an open base frame
- Full to the floor tiles cannot install on an open base frame

# Vertical Slot Covers

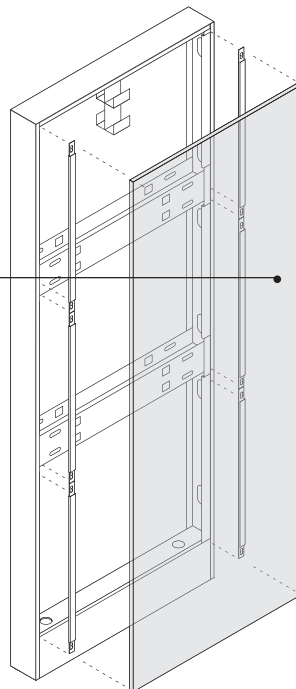
Vertical Slot Covers

**Vertical slot cover** is installed on vertical uprights of Montage frame. Once installed, vertical slots are no longer visible.

► Specifying, page 309

**Vertical slot cover** is painted to match the color of the Montage frame.

**Monolithic tiles** use multiples of 20" vertical slot covers.

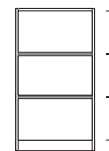


## Product Details

**Vertical slot cover** cleans up aesthetics on platinum and sterling frames.

*Tip: Slot cover can be moved to the side to allow access to slots if needed. Each standard package includes two covers. One for the right side and one for the left side.*

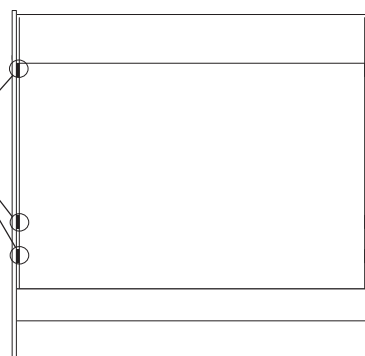
*Tip: Vertical slot covers will not work in segments with slatwall or glass tiles.*



Three vertical light seals

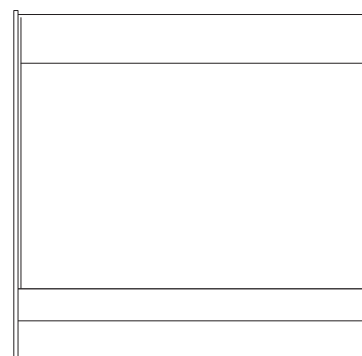
Tile height determines slot cover height. Three 20"H tiles on one side of frame require three 20"H slot covers.

**Before**



**Visible slots**

**After**



## Actual Dimensions

Height 7", 10", 13", or 20"

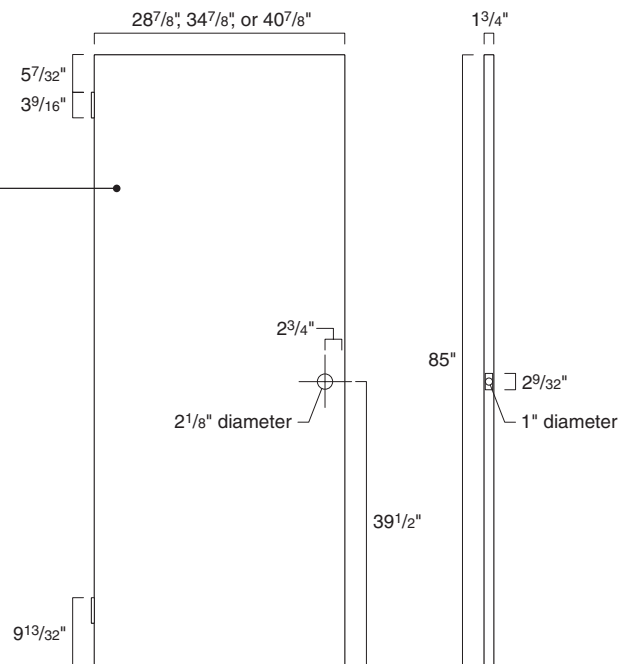
# Door and Door Frame

## Montage door frames

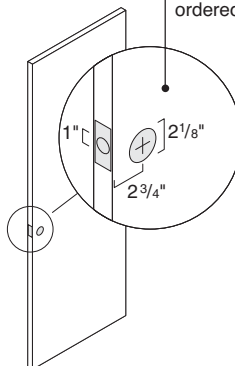
can accommodate any hollow-core door of the right size with hardware fittings in the correct locations. If you choose to obtain doors locally, make sure they match these specifications.

► Specifying, pages 317–318

Door is available left- and right-hand versions.

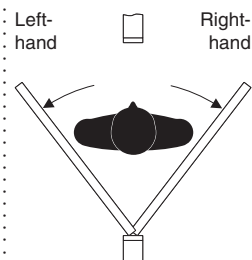


**Latch cutout** is standard size to accommodate cylindrical-type hardware, ordered separately.



## Product Details

Door swings open 180° maximum.

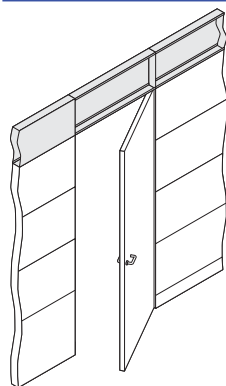


**Right-hand or left-hand door?** To determine whether a door is left or right-hand, imagine yourself standing in the door's frame with your back against the side of the frame where the door's hinges will be attached. If the door will swing to your left, it is a left-hand door. If it will swing to your right, it is a right-hand door.

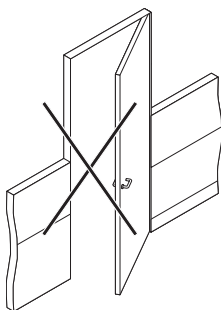
## Actual Dimensions

	Door	Frame
Depth	$1\frac{3}{4}"$	$3"$
Width	$28\frac{7}{8}"$ , $34\frac{7}{8}"$ , or $40\frac{7}{8}"$	$30"$ , $36"$ , or $42"$
Height	$85"$	$86\frac{1}{32}"$

## Connections



**10"H enhanced stack-on frames** can be used on top of the door frame. The stack-on frame used above the door frame and the door frame should be the same width.



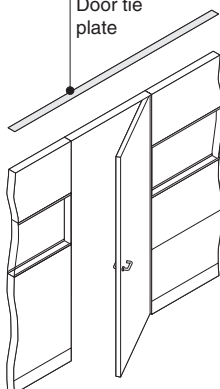
**Adjacent frames or junctions** must be 86"H.

**Door frame** must use 10"H stack-on frames or special door tie plate to integrate into adjacent panels.

**Door** should not be installed adjacent to a change-of-height junction.

**A wall attachment bracket** is needed if attaching a door to a wall.

Door tie plate



**Special door tie plate** is required in installations where no frames are installed above the door. Contact your local area Steelcase office for details about special product applications.

## Surface Materials

### Door

- Laminate

### Door frame

- Paint

### Non-locking lever set

- Black paint

### Locking lever set

- Brushed stainless

## Application Topics

### Door code approvals

vary by location. Check local codes prior to product specification.



# Single and Double Pocket Doors

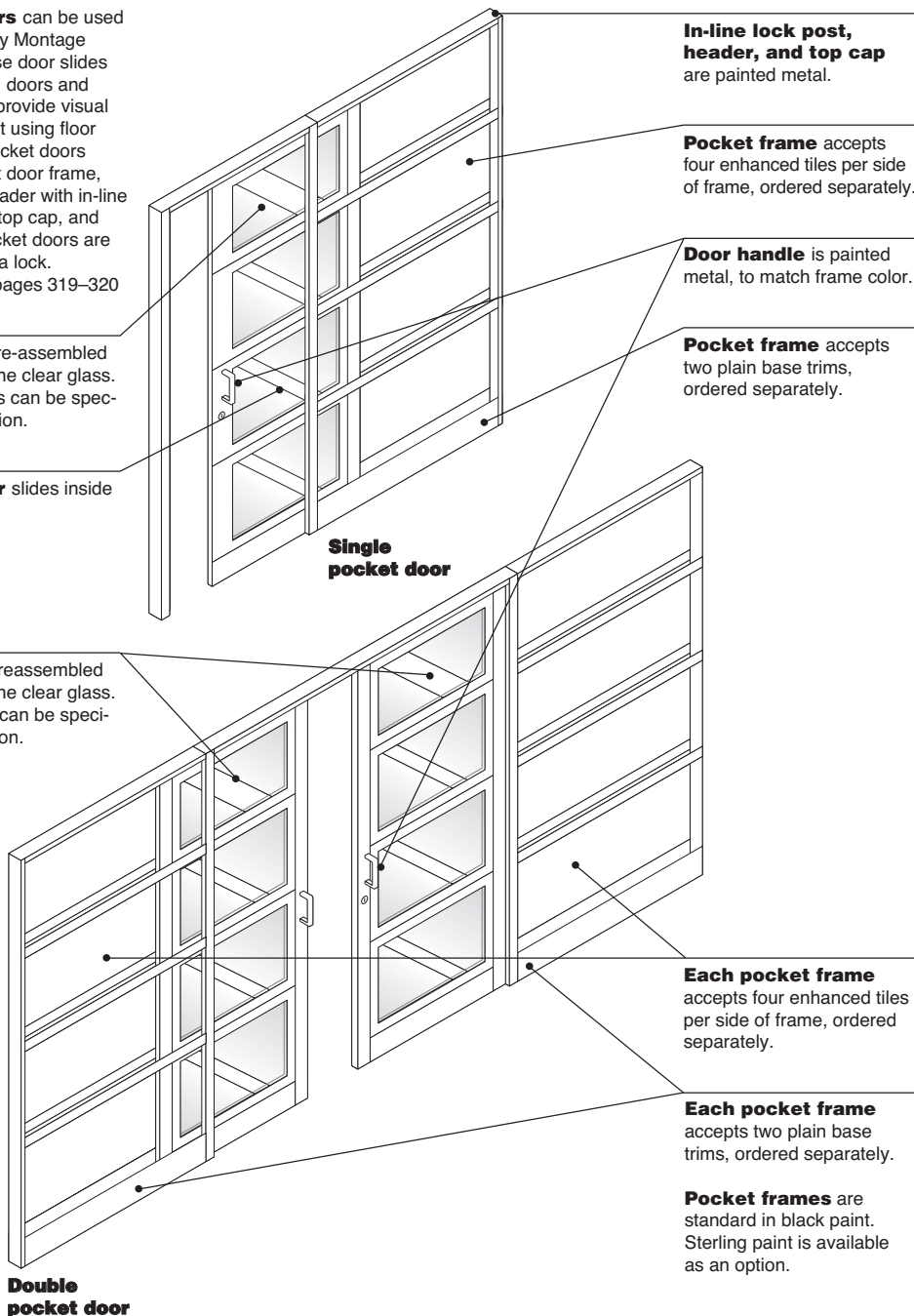
**Pocket doors** can be used adjacent to any Montage frame. Because door slides into the frame, doors and pocket frame provide visual privacy without using floor space. The pocket doors include pocket door frame, slider door, header with in-line lock post and top cap, and hardware. Pocket doors are standard with a lock.

► Specifying, pages 319–320

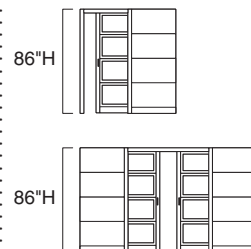
**Door** ships pre-assembled with single-pane clear glass. A frosted glass can be specified as an option.

**Pocket door** slides inside pocket frame.

**Doors** ship preassembled with single-pane clear glass. Frosted glass can be specified as an option.

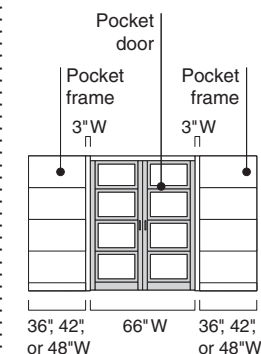
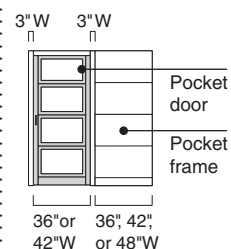


## Product Details



**Pocket doors** are 86"H. Single pocket door opening is available 36"W or 42"W. Double pocket door opening width is 66"W.

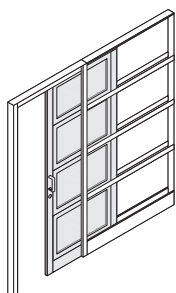
*Tip: Actual opening width is 31½"W for 36"W door, 37½"W for 42"W door, and 58⅜"W for 66"W double door.*



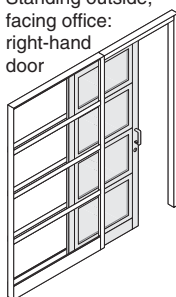
**Pocket frames** are available 36"W, 42"W, and 48"W. Overall dimensions of the single pocket door are 78"W, 84"W, 90"W, and 96"W. Overall dimensions of the double pocket doors are 144"W, 156"W, and 168"W.

## Actual Dimensions

	Single pocket door	Double pocket door
Depth (thickness)	3"	3"
Width of pocket frame	36", 42", or 48"	36", 42", or 48"
Width of pocket door	36" or 42"	66"
Clear width of pocket door	31½" or 37½"	58⅜"
Overall dimensions	78", 84", 90", or 96"	144", 156", or 168"
Height	86⅓"	86⅓"



Standing outside,  
facing office:  
right-hand  
door



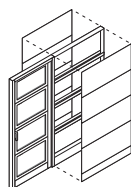
Standing outside,  
facing office:  
left-hand  
door

**Single pocket doors** are available in right-hand or left-hand versions.

**Top caps** ship with door and frame.

**Surface materials** for the pocket door is as follows:

- Inline lock post, header, door, and top cap are trim material.
- Pocket frame, door handle, and horizontal detail are frame material.



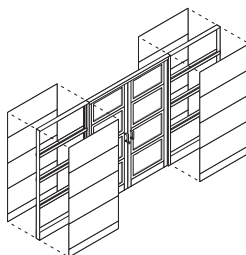
**Eight enhanced tiles (four tiles per side of pocket frame) and two plain base covers** must be ordered separately for single pocket door frame.

- ▶ See pages 352 and 364 for *Plain Base Covers* and *Enhanced Tackable Acoustical and High-Performance Acoustical Tiles*
- ▶ See page 86 for glass tile packages for use with pocket door frames.

*Tip: Slatwall, high-performance acoustical, monolithic, and perforated non-tackable tiles cannot be installed on pocket frames.*

*Tip: Frosted glass or solid tile such as tackable acoustical or steel is recommended in the top position of the pocket frame to conceal the door operating mechanism.*

*Tip: Segmented tiles are required on pocket doors and frames.*

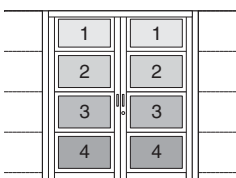


**Sixteen enhanced tiles and four plain base covers** must be ordered separately for double pocket door frames.

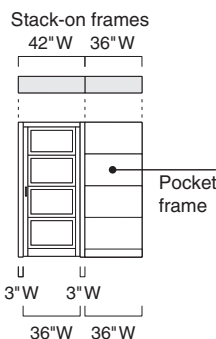
- ▶ See pages 352 and 364 for *Plain Base Covers* and *Enhanced Tackable Acoustical and High-Performance Acoustical Tiles*
- ▶ See page 86 for glass tile packages for use with pocket door frames.

*Tip: Slatwall, high-performance acoustical, monolithic, and perforated non-tackable tiles cannot be installed on pocket frames.*

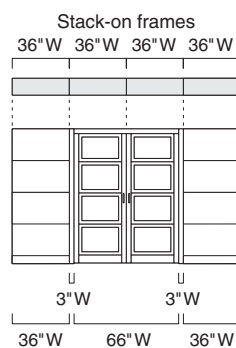
*Tip: Frosted glass or solid tile such as tackable acoustical or steel is recommended in the top position of the pocket frame to conceal the door operating mechanism.*



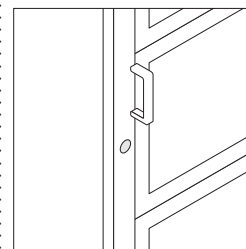
**When specifying the pocket door**, four surfaces require a glass finish on each door. Each surface may be specified with a different glass type. However, on double pocket doors, the same glass type will be shipped on both pocket doors.



**10"H enhanced stack-on frames** can be used on top of the single pocket door and frame. Add 6" to the dimension of the pocket door (to account for two 3"W posts) to determine the correct size of the stack-on frame that will be placed directly above the pocket door. The stack-on frame that will be placed above the pocket frame should be the same width as the pocket frame.

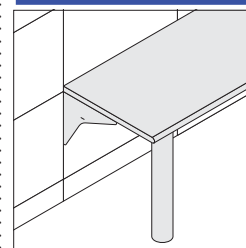


**10"H enhanced stack-on frames** can be used on top of the double pocket door and frames. Two 36"W stack-on frames are required directly above the double pocket doors. The stack-on frames that will be placed above the pocket frames should be the same width as the pocket frames.



**Pocket doors** are standard with a lock, but it can be omitted. Lock is keyed randomly.

## Connections



**Only floor-supported worksurfaces** may be hung on pocket frames.

**Overhead storage** cannot be hung on pocket frames.

**Off-module connections** cannot occur on pocket frames.

## Wiring & Cabling

**Power and cabling** cannot be routed in pocket doors or pocket frame.

## Surface Materials

**Door**

- Glass

**Frame**

- Paint

**Lock**

- Brushed Chrome

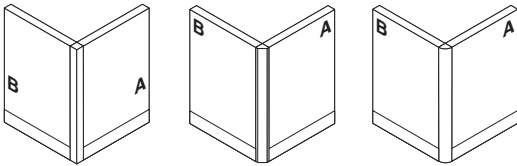
## Application Topics

**Door code and approvals** vary by location. Check local codes prior to product specification.

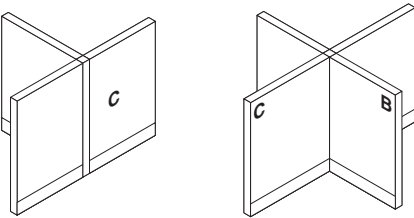
# Junctions

**Junctions** to join same-height and different height frames are available.

- ▶ Frame Junction Kits Overview, page 36
- ▶ Specifying, pages 321–333

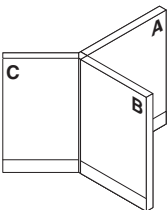


**L-Junctions**

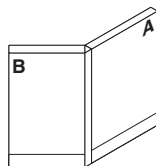


**T-Junctions**

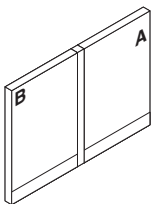
**X-Junctions**



**Y-Junctions**



**V-Junctions**



**I-Junctions**

## Product Details

**Six aluminum junction types** are available—L, T, X, Y, V, and I configurations. L-junctions are available with square, radius, or chamfered shapes.  
*Tip: Standard junction packages are for on-module connections only.*

**Four wood junction types** are available—L, T, X, and I configurations. L-junctions are available in square shapes only.

**Change-of-height junctions** are available to ensure proper alignment. Specify the same material on the junction as the adjacent top trims.

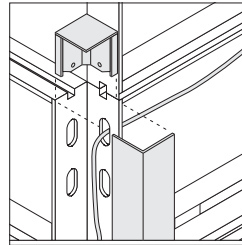
**Kits** are available to accommodate all combinations of frame heights involving 38"H, 45"H, 55"H, 65"H, and 86"H frames. Kits include end trim when it is required to finish the exposed ends of frames that are used in change-of-height applications.

- ▶ See *Frame Junction Kits Overview*, page 36

## Connections

**Connectors** are included with each junction kit to join frames together whether they are the same height or different heights.

## Wiring & Cabling



**Cables** can be routed vertically within the portion of the junction that is enclosed by cover(s). On some change-of-height applications, the covers do not extend to enclose the highest frame(s).

**Junctions** must be used to route power vertically, either from the base or ceiling.

**Local electrical codes vary.** Consult a qualified electrical contractor or engineer for the proper installation of electrical equipment.

## Surface Materials

### Top caps and covers

- Paint
- Wood

### End trim

- Paint
- Wood

### Connectors

- Aluminum

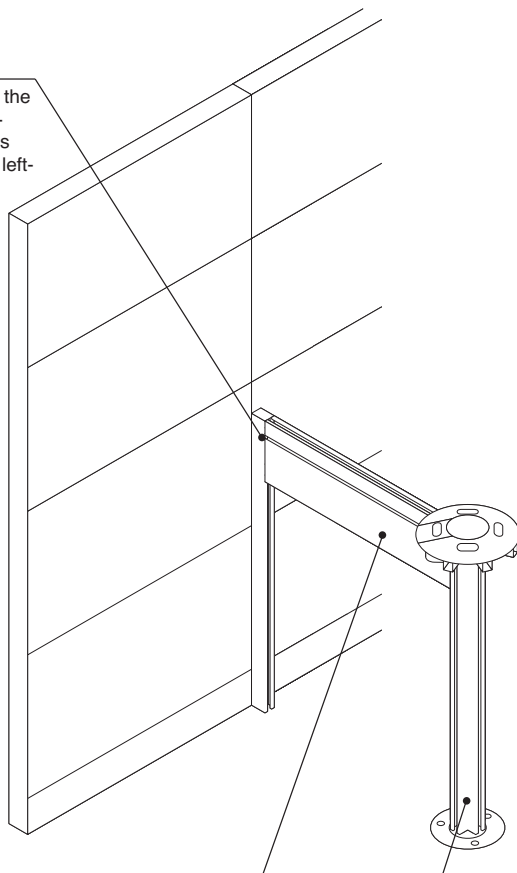


# Fence Connectors, Posts, and Beams

**Fence connectors** attach Post and Beam perpendicular to Montage frames forming a fin wall support.

► Specifying, pages 338–340

**Connector** engages in the vertical slot. The connector is handed to make this attachment on either the left- or right-hand side of the frame.



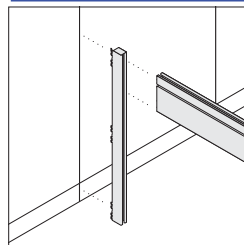
**Minimum beam length** is 4'. Maximum beam length is 10'.

**Post** attaches to beams in in-line, L-, T-, X-, or Y- (120°) configurations.

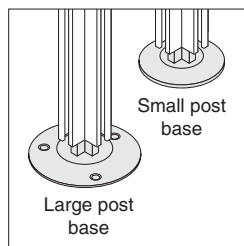
## Actual Dimensions

	Fence Connectors	Posts	Beams
Depth	2"	4"	1 3/8"
Width	1 3/8"	4"	3 1/4", 4', 5', 6', 7', 8', 9', 10'
Height	33 1/2"	33"	8 1/2"
Leveling mechanism range	N.A.	3"	N.A.

## Product Details

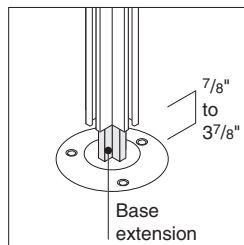


**Connector** occupies vertical slots in the frame 33 1/2" measured up from the bottom edge of the base trim.



**Large post base** is 8 1/2" in diameter. Small post base is 4 1/2" in diameter.

**Large post base** can be anchored to the floor for additional stability.

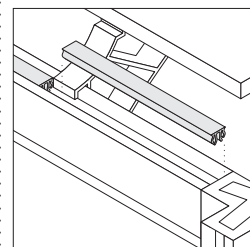


**Leveling capability** is provided by 3" adjustability between the post and base extension (included with post). A height-adjustment jack is available through Service Parts (946800103SR) for leveling ease on large installations.

**Post base shims**, ordered separately, can be used under post base to raise to the appropriate carpet level.

**Beams** may be field cut to any dimension. An anchor block drilling fixture must be ordered through Service Parts (946800102-SR) to place new anchor block holes in the correct position after cutting.

**When attaching screens** to Post and Beam fence, remember to order attachment hardware separately.



**Fence dust covers** can be inserted into top T-slot on fence beam. Dust covers come in 10-foot lengths and can be cut to size in the field.

## Connections

**Fence connector** is attached to the frame on module only using the vertical slots in the frame.

**Fence connector** is mounted within the module width of the frame. Horizontal space within that frame is reduced by 1 1/4".

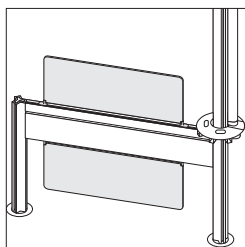
**Fence connector** can attach to frames ordered after February 1, 2004. Frames ordered before February 1, 2004, can be field-modified to accommodate fence connectors.

**Fence connector** does not trap skins or base trim.

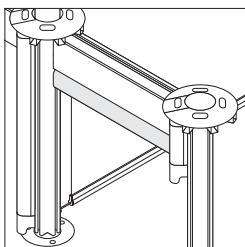
**Width of panel-mounted worksurfaces** is affected by this change in module.

**Glass tiles** cannot be used in the same location as fence connector.

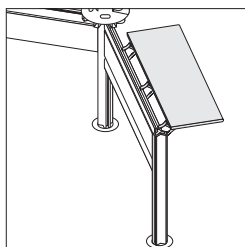
**Worksurface supports** cannot occupy the same vertical slots as the fence connector bracket.



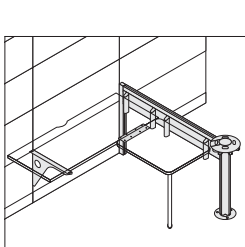
**Screens** can be mounted above or below beams for privacy or modesty.



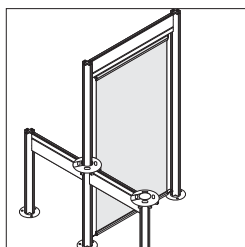
**Horizontal fence tubes** provide power and cable management at the fence beam locations.



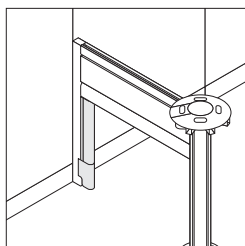
**Shelves** are additional storage surfaces that sit above the worksurface. The shelves are 35¼" high.



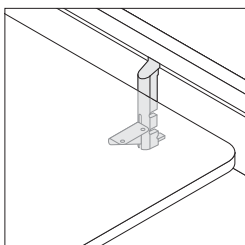
**For Montage applications with a combination of panel-mounted and tethered or free-standing worksurfaces with legs**, the worksurface(s) supported by legs will not reach the same height as the cantilevered worksurface if panel glides are extended more than ¼". Standard Montage worksurface height is 28⅞"H when panel glides are at zero. Legs adjust up to 28⅞"H.



**Infill** is a fabric screen that stretches from overhead beam to floor, from overhead beam to fence beam, or from fence beam to floor.



**Vertical post tube** is available to conceal power harnesses and communication cables routed between panel and fence.



**Tether brackets** can be used to side support worksurfaces.

**Use of tether brackets as side supports** further reduces horizontal space available by 1½" each side and affects planning of mounted worksurfaces.

► See *Post and Beam Solutions Specification Guide*.

## Surface Materials

### Fence connector

- 8043 Clear Anodized aluminum only

### Post top cap

- 6694 Slate plastic only

### Vertical post tube

- 6644 Fashion Dark plastic only

# Frame Junction Kits Overview

## L-Junctions

### Selecting a Kit

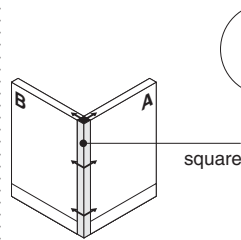
To determine the kit you need, follow these steps:

- 1 Find the type of junction you are making—L, T, X, Y, V, or I. An array of all the possibilities is shown on the following pages.
- 2 Find the type of kit you'll need. If the frames to be joined are all the same height, you'll need a Same-Height kit. If they are different heights, you'll need a Different-Height kit that corresponds to your specific configuration. It may help if you make a sketch of the junction you are trying to build and then match it with the kits shown on the following pages. Pictures of every possible combination are included here.
- 3 When you've found the kit that matches, turn to the page number indicated to specify.

**Style numbers for kits** are based on the heights of the frames that the kits accommodate.

Digit in Style Number	Corresponding Frame Height
3	38"
4	45"
5	55"
6	65"
8	86"

### Same Heights

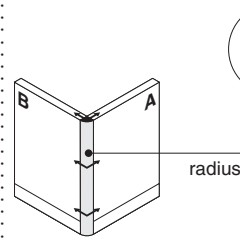


A	B	Style Number	
		Aluminum	Wood
38"	38"	<b>ZJL33S</b>	<b>ZJL33SW</b>
45"	45"	<b>ZJL44S</b>	<b>ZJL44SW</b>
55"	55"	<b>ZJL55S</b>	<b>ZJL55SW</b>
65"	65"	<b>ZJL66S</b>	<b>ZJL66SW</b>
86"	86"	<b>ZJL88S</b>	<b>ZJL88SW</b>

► Page 321 to specify

#### Kit includes

Two-way top cap  
Two-way connectors  
One square L-cover

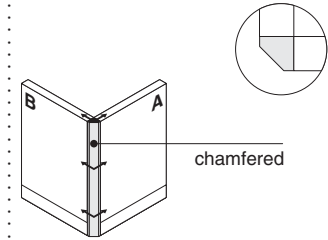


A	B	Style Number
		Aluminum
38"	38"	<b>ZJL33R</b>
45"	45"	<b>ZJL44R</b>
55"	55"	<b>ZJL55R</b>
65"	65"	<b>ZJL66R</b>
86"	86"	<b>ZJL88R</b>

► Page 322 to specify

#### Kit includes

Two-way top cap  
Two-way connectors  
One radius L-cover



A	B	Style Number
		Aluminum
38"	38"	<b>ZJL33C</b>
45"	45"	<b>ZJL44C</b>
55"	55"	<b>ZJL55C</b>
65"	65"	<b>ZJL66C</b>
86"	86"	<b>ZJL88C</b>

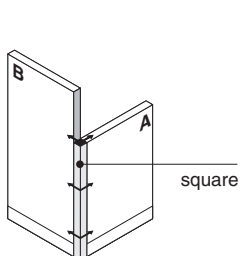
► Page 323 to specify

#### Kit includes

Two-way top cap  
Two-way connectors  
One chamfered L-cover

## L-Junctions, continued

### Different Heights

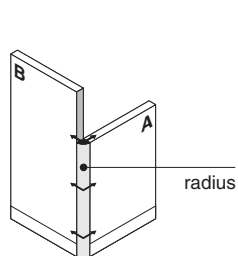


A	B	Style Number	
		Aluminum	Wood
38"	45"	<b>ZJL34S</b>	<b>ZJL34SW</b>
38"	55"	<b>ZJL35S</b>	<b>ZJL35SW</b>
38"	65"	<b>ZJL36S</b>	<b>ZJL36SW</b>
38"	86"	<b>ZJL38S</b>	<b>ZJL38SW</b>
45"	55"	<b>ZJL45S</b>	<b>ZJL45SW</b>
45"	65"	<b>ZJL46S</b>	<b>ZJL46SW</b>
45"	86"	<b>ZJL48S</b>	<b>ZJL48SW</b>
55"	65"	<b>ZJL56S</b>	<b>ZJL56SW</b>
55"	86"	<b>ZJL58S</b>	<b>ZJL58SW</b>
65"	86"	<b>ZJL68S</b>	<b>ZJL68SW</b>

► Page 321 to specify

#### Kit includes

Two-way top cap  
Two-way connectors  
One square L-cover  
One end trim

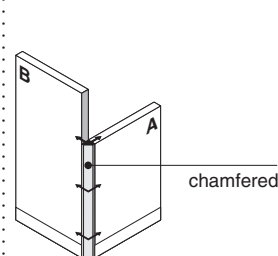


A	B	Style Number	
		Aluminum	
38"	45"	<b>ZJL34R</b>	
38"	55"	<b>ZJL35R</b>	
38"	65"	<b>ZJL36R</b>	
38"	86"	<b>ZJL38R</b>	
45"	55"	<b>ZJL45R</b>	
45"	65"	<b>ZJL46R</b>	
45"	86"	<b>ZJL48R</b>	
55"	65"	<b>ZJL56R</b>	
55"	86"	<b>ZJL58R</b>	
65"	86"	<b>ZJL68R</b>	

► Page 322 to specify

#### Kit includes

Two-way top cap  
Two-way connectors  
One radius L-cover  
One end trim



A	B	Style Number	
		Aluminum	
38"	45"	<b>ZJL34C</b>	
38"	55"	<b>ZJL35C</b>	
38"	65"	<b>ZJL36C</b>	
38"	86"	<b>ZJL38C</b>	
45"	55"	<b>ZJL45C</b>	
45"	65"	<b>ZJL46C</b>	
45"	86"	<b>ZJL48C</b>	
55"	65"	<b>ZJL56C</b>	
55"	86"	<b>ZJL58C</b>	
65"	86"	<b>ZJL68C</b>	

► Page 323 to specify

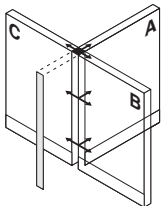
#### Kit includes

Two-way top cap  
Two-way connectors  
One chamfered L-cover  
One end trim



## T-Junctions

### Same Height



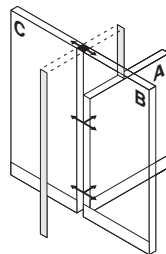
A	B	C	Style Number	
			Aluminum	Wood
38"	38"	38"	<b>ZJT333</b>	<b>ZJT333W</b>
45"	45"	45"	<b>ZJT444</b>	<b>ZJT444W</b>
55"	55"	55"	<b>ZJT555</b>	<b>ZJT555W</b>
65"	65"	65"	<b>ZJT666</b>	<b>ZJT666W</b>
86"	86"	86"	<b>ZJT888</b>	<b>ZJT888W</b>

► Page 324 to specify

### Kit includes

Three-way top cap  
Three-way connectors  
One in-line cover

### Different Heights

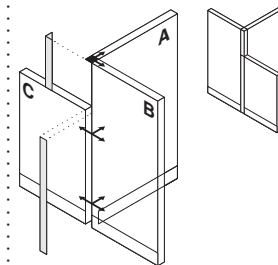


A	B	C	Style Number	
			Aluminum	Wood
38"	45"	45"	<b>ZJT344</b>	<b>ZJT344W</b>
38"	55"	55"	<b>ZJT355</b>	<b>ZJT355W</b>
38"	65"	65"	<b>ZJT366</b>	<b>ZJT366W</b>
38"	86"	86"	<b>ZJT388</b>	<b>ZJT388W</b>
45"	55"	55"	<b>ZJT455</b>	<b>ZJT455W</b>
45"	65"	65"	<b>ZJT466</b>	<b>ZJT466W</b>
45"	86"	86"	<b>ZJT488</b>	<b>ZJT488W</b>
55"	65"	65"	<b>ZJT566</b>	<b>ZJT566W</b>
55"	86"	86"	<b>ZJT588</b>	<b>ZJT588W</b>
65"	86"	86"	<b>ZJT688</b>	<b>ZJT688W</b>

► Page 324 to specify

### Kit includes

Two-way in-line top cap  
Two-way in-line connectors  
Three-way connectors  
Two in-line covers



A	B	C	Style Number	
			Aluminum	Wood
45"	45"	38"	<b>ZJT443</b>	<b>ZJT443W</b>
55"	55"	38"	<b>ZJT553</b>	<b>ZJT553W</b>
65"	65"	38"	<b>ZJT663</b>	<b>ZJT663W</b>
86"	86"	38"	<b>ZJT883</b>	<b>ZJT883W</b>
65"	65"	45"	<b>ZJT664</b>	<b>ZJT664W</b>
65"	65"	55"	<b>ZJT665</b>	<b>ZJT665W</b>
86"	86"	45"	<b>ZJT884</b>	<b>ZJT884W</b>
86"	86"	55"	<b>ZJT885</b>	<b>ZJT885W</b>
86"	86"	65"	<b>ZJT886</b>	<b>ZJT886W</b>

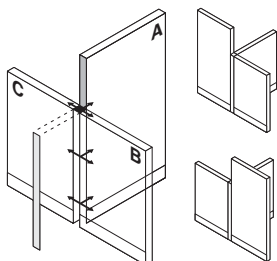
► Page 325 to specify

### Kit includes

Two-way top cap  
Two-way connectors  
Three-way connectors  
One in-line cover  
One square L-cover

## T-Junctions, continued

### Different Heights

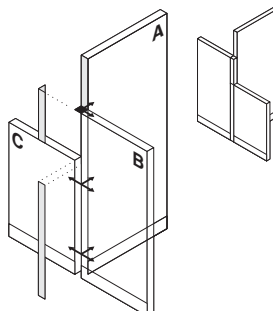


A	B	C	Style Number	
			Aluminum	Wood
45"	38"	38"	<b>ZJT433</b>	<b>ZJT433W</b>
55"	38"	38"	<b>ZJT533</b>	<b>ZJT533W</b>
55"	45"	45"	<b>ZJT544</b>	<b>ZJT544W</b>
65"	38"	38"	<b>ZJT633</b>	<b>ZJT633W</b>
65"	45"	45"	<b>ZJT644</b>	<b>ZJT644W</b>
65"	55"	55"	<b>ZJT655</b>	<b>ZJT655W</b>
86"	38"	38"	<b>ZJT833</b>	<b>ZJT833W</b>
86"	45"	45"	<b>ZJT844</b>	<b>ZJT844W</b>
86"	55"	55"	<b>ZJT855</b>	<b>ZJT855W</b>
86"	65"	65"	<b>ZJT866</b>	<b>ZJT866W</b>

► Page 325 to specify

#### Kit includes

Three-way top cap  
Three-way connectors  
One in-line cover  
One end trim

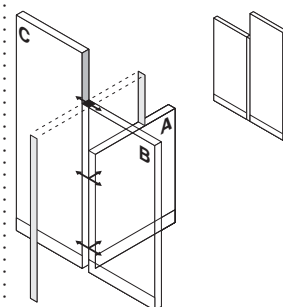


A	B	C	Style Number	
			Aluminum	Wood
65"	55"	45"	<b>ZJT654</b>	<b>ZJT654W</b>
86"	55"	45"	<b>ZJT854</b>	<b>ZJT854W</b>
86"	65"	45"	<b>ZJT864</b>	<b>ZJT864W</b>
86"	65"	55"	<b>ZJT865</b>	<b>ZJT865W</b>

► Page 325 to specify

#### Kit includes

Two-way top cap  
Two-way connectors  
Three-way connectors  
One in-line cover  
One square L-cover  
One end trim



A	B	C	Style Number	
			Aluminum	Wood
45"	55"	65"	<b>ZJT456</b>	<b>ZJT456W</b>
45"	55"	86"	<b>ZJT458</b>	<b>ZJT458W</b>
45"	65"	86"	<b>ZJT468</b>	<b>ZJT468W</b>
55"	65"	86"	<b>ZJT568</b>	<b>ZJT568W</b>

► Page 325 to specify

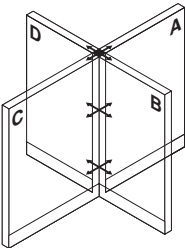
#### Kit includes

Two-way in-line top cap  
Two-way in-line connectors  
Three-way connectors  
Two in-line covers  
One end trim

*Tip: The small secondary illustrations show alternative configurations that can also be accommodated with the same kit.*

## X-Junctions

### Same Height



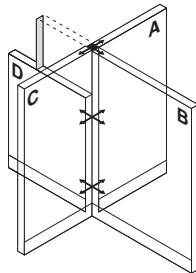
A	B	C	D	Style Number	
				Aluminum	Wood
38"	38"	38"	38"	<b>ZJX3333</b>	<b>ZJX3333W</b>
45"	45"	45"	45"	<b>ZJX4444</b>	<b>ZJX4444W</b>
55"	55"	55"	55"	<b>ZJX5555</b>	<b>ZJX5555W</b>
65"	65"	65"	65"	<b>ZJX6666</b>	<b>ZJX6666W</b>
86"	86"	86"	86"	<b>ZJX8888</b>	<b>ZJX8888W</b>

► Page 326 to specify

### Kit includes

Four-way top cap  
Four-way connectors

### Different Heights

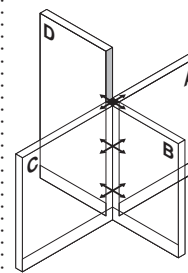


A	B	C	D	Style Number	
				Aluminum	Wood
45"	45"	45"	38"	<b>ZJX4443</b>	<b>ZJX4443W</b>
55"	55"	55"	45"	<b>ZJX5554</b>	<b>ZJX5554W</b>
65"	65"	65"	45"	<b>ZJX6664</b>	<b>ZJX6664W</b>
65"	65"	65"	55"	<b>ZJX6665</b>	<b>ZJX6665W</b>
86"	86"	86"	45"	<b>ZJX8884</b>	<b>ZJX8884W</b>
86"	86"	86"	55"	<b>ZJX8885</b>	<b>ZJX8885W</b>
86"	86"	86"	65"	<b>ZJX8886</b>	<b>ZJX8886W</b>

► Page 326 to specify

### Kit includes

Three-way top cap  
Three-way connectors  
Four-way connectors  
One in-line cover



A	B	C	D	Style Number	
				Aluminum	Wood
38"	38"	38"	45"	<b>ZJX3334</b>	<b>ZJX3334W</b>
45"	45"	45"	55"	<b>ZJX4445</b>	<b>ZJX4445W</b>
45"	45"	45"	65"	<b>ZJX4446</b>	<b>ZJX4446W</b>
45"	45"	45"	86"	<b>ZJX4448</b>	<b>ZJX4448W</b>
55"	55"	55"	65"	<b>ZJX5556</b>	<b>ZJX5556W</b>
55"	55"	55"	86"	<b>ZJX5558</b>	<b>ZJX5558W</b>
65"	65"	65"	86"	<b>ZJX6668</b>	<b>ZJX6668W</b>

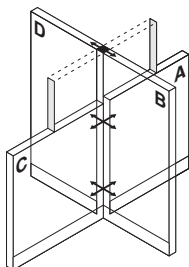
► Page 327 to specify

### Kit includes

Four-way top cap  
Four-way connectors  
One end trim

## X-Junctions, continued

### Different Heights

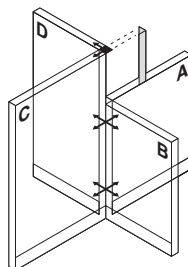


A	B	C	D	Style Number	
				Aluminum	Wood
38"	45"	38"	45"	<b>ZJX3434</b>	<b>ZJX3434W</b>
45"	55"	45"	55"	<b>ZJX4545</b>	<b>ZJX4545W</b>
45"	65"	45"	65"	<b>ZJX4646</b>	<b>ZJX4646W</b>
45"	86"	45"	86"	<b>ZJX4848</b>	<b>ZJX4848W</b>
55"	65"	55"	65"	<b>ZJX5656</b>	<b>ZJX5656W</b>
55"	86"	55"	86"	<b>ZJX5858</b>	<b>ZJX5858W</b>
65"	86"	65"	86"	<b>ZJX6868</b>	<b>ZJX6868W</b>

► Page 327 to specify

#### Kit includes

Two-way in-line top cap  
Two-way in-line connectors  
Four-way connectors  
Two in-line covers

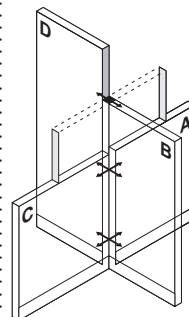


A	B	C	D	Style Number	
				Aluminum	Wood
38"	38"	45"	45"	<b>ZJX3344</b>	<b>ZJX3344W</b>
45"	45"	55"	55"	<b>ZJX4455</b>	<b>ZJX4455W</b>
45"	45"	65"	65"	<b>ZJX4466</b>	<b>ZJX4466W</b>
45"	45"	86"	86"	<b>ZJX4488</b>	<b>ZJX4488W</b>
55"	55"	65"	65"	<b>ZJX5566</b>	<b>ZJX5566W</b>
55"	55"	86"	86"	<b>ZJX5588</b>	<b>ZJX5588W</b>
65"	65"	86"	86"	<b>ZJX6688</b>	<b>ZJX6688W</b>

► Page 327 to specify

#### Kit includes

Two-way top cap  
Two-way connectors  
Four-way connectors  
One square L-cover



A	B	C	D	Style Number	
				Aluminum	Wood
45"	55"	45"	65"	<b>ZJX4546</b>	<b>ZJX4546W</b>
45"	55"	45"	86"	<b>ZJX4548</b>	<b>ZJX4548W</b>
45"	65"	45"	86"	<b>ZJX4648</b>	<b>ZJX4648W</b>
55"	65"	55"	86"	<b>ZJX5658</b>	<b>ZJX5658W</b>

► Page 327 to specify

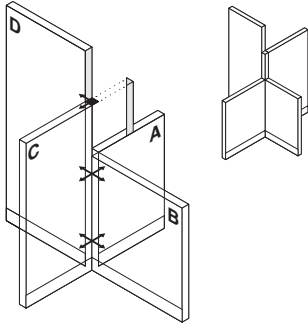
#### Kit includes

Two-way in-line top cap  
Two-way in-line connectors  
Four-way connectors  
Two in-line covers  
One end trim

*Tip: The small secondary illustrations show alternative configurations that can also be accommodated with the same kit.*

## X-Junctions, continued

### Different Heights

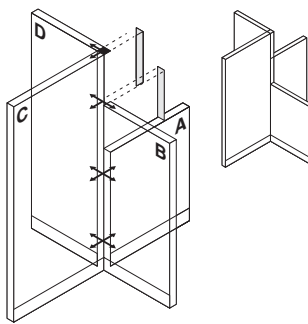


A	B	C	D	Style Number	
				Aluminum	Wood
45"	45"	55"	65"	<b>ZJX4456</b>	<b>ZJX4456W</b>
45"	45"	55"	86"	<b>ZJX4458</b>	<b>ZJX4458W</b>
45"	45"	65"	86"	<b>ZJX4468</b>	<b>ZJX4468W</b>
55"	55"	65"	86"	<b>ZJX5568</b>	<b>ZJX5568W</b>

► Page 328 to specify

#### Kit includes

Two-way top cap  
Two-way connectors  
Four-way connectors  
One square L-cover  
One end trim

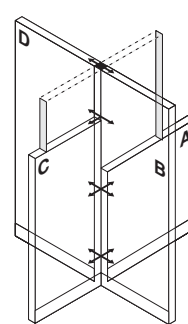


A	B	C	D	Style Number	
				Aluminum	Wood
45"	55"	65"	65"	<b>ZJX4566</b>	<b>ZJX4566W</b>
45"	55"	86"	86"	<b>ZJX4588</b>	<b>ZJX4588W</b>
45"	65"	86"	86"	<b>ZJX4688</b>	<b>ZJX4688W</b>
55"	65"	86"	86"	<b>ZJX5688</b>	<b>ZJX5688W</b>

► Page 328 to specify

#### Kit includes

Two-way top cap  
Two-way connectors  
Three-way connectors  
Four-way connectors  
One in-line covers  
One square L-cover



A	B	C	D	Style Number	
				Aluminum	Wood
45"	65"	55"	65"	<b>ZJX4656</b>	<b>ZJX4656W</b>
45"	86"	55"	86"	<b>ZJX4858</b>	<b>ZJX4858W</b>
45"	86"	65"	86"	<b>ZJX4868</b>	<b>ZJX4868W</b>
55"	86"	65"	86"	<b>ZJX5868</b>	<b>ZJX5868W</b>

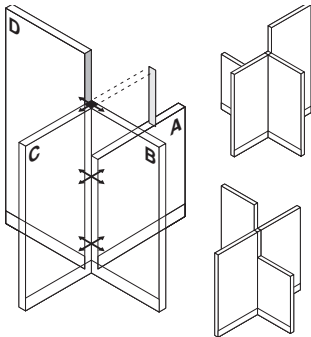
► Page 328 to specify

#### Kit includes

Two-way in-line top cap  
Two-way in-line connectors  
Three-way connectors  
Four-way connectors  
Two in-line covers

X-Junctions, continued

Different Heights

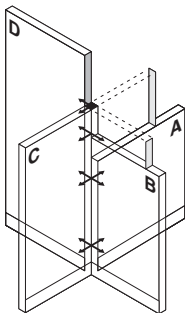


A	B	C	D	Style Number	
				Aluminum	Wood
45"	55"	55"	65"	<b>ZJX4556</b>	<b>ZJX4556W</b>
45"	55"	55"	86"	<b>ZJX4558</b>	<b>ZJX4558W</b>
45"	65"	65"	86"	<b>ZJX4668</b>	<b>ZJX4668W</b>
55"	65"	65"	86"	<b>ZJX5668</b>	<b>ZJX5668W</b>

► Page 329 to specify

Kit includes

- Three-way top cap
- Three-way connectors
- Four-way connectors
- One in-line cover
- One end trim

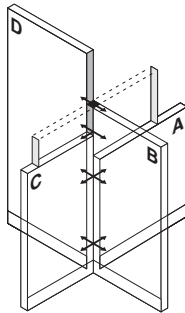


A	B	C	D	Style Number	
				Aluminum	Wood
45"	55"	65"	86"	<b>ZJX4568</b>	<b>ZJX4568W</b>

► Page 329 to specify

Kit includes

- Two-way top cap
- Two-way connectors
- Three-way connectors
- Four-way connectors
- One in-line cover
- One square L-cover
- One end trim



A	B	C	D	Style Number	
				Aluminum	Wood
45"	65"	55"	86"	<b>ZJX4658</b>	<b>ZJX4658W</b>

► Page 329 to specify

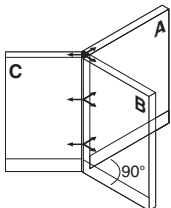
Kit includes

- Two-way in-line top cap
- Two-way in-line connectors
- Three-way connectors
- Four-way connectors
- Two in-line covers
- One end trim

*Tip: The small secondary illustrations show alternative configurations that can also be accommodated with the same kit.*

## Y-Junctions

### Same Height



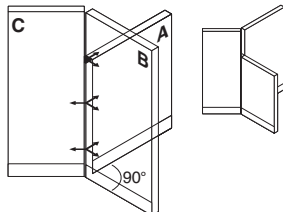
A	B	C	Style Number
38"	38"	38"	<b>ZJY333</b>
45"	45"	45"	<b>ZJY444</b>
55"	55"	55"	<b>ZJY555</b>
65"	65"	65"	<b>ZJY666</b>
86"	86"	86"	<b>ZJY888</b>

► Page 330 to specify

#### Kit includes

Two-way chamfered top cap  
Two-way connectors with chamfered  
L-cover drilled for Y-attachment

### Different Heights

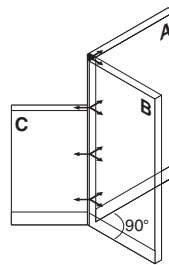


A	B	C	Style Number
45"	55"	55"	<b>ZJY455</b>
45"	65"	65"	<b>ZJY466</b>
45"	86"	86"	<b>ZJY488</b>
55"	65"	65"	<b>ZJY566</b>
55"	86"	86"	<b>ZJY588</b>
65"	86"	86"	<b>ZJY688</b>

► Page 330 to specify

#### Kit includes

Two-way chamfered top cap  
Two-way connectors with chamfered  
L-cover drilled for Y-attachment  
Two end trims

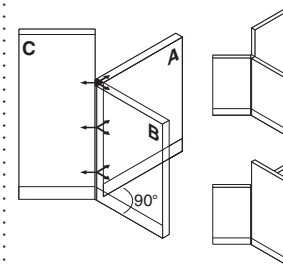


A	B	C	Style Number
55"	55"	45"	<b>ZJY554</b>
65"	65"	45"	<b>ZJY664</b>
65"	65"	55"	<b>ZJY665</b>
86"	86"	45"	<b>ZJY884</b>
86"	86"	55"	<b>ZJY885</b>
86"	86"	65"	<b>ZJY886</b>

► Page 330 to specify

#### Kit includes

Two-way chamfered top cap  
Two-way connectors with chamfered  
L-cover drilled for Y-attachment



A	B	C	Style Number
45"	45"	55"	<b>ZJY445</b>
45"	45"	65"	<b>ZJY446</b>
45"	45"	86"	<b>ZJY448</b>
55"	55"	65"	<b>ZJY556</b>
55"	55"	86"	<b>ZJY558</b>
65"	65"	86"	<b>ZJY668</b>

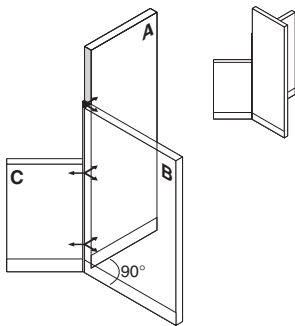
► Page 330 to specify

#### Kit includes

Two-way chamfered top cap  
Two-way connectors with chamfered  
L-cover drilled for Y-attachment  
One end trim

Y-Junctions, continued

Different Heights

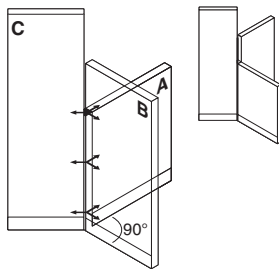


A	B	C	Style Number
Aluminum			
65"	55"	45"	<b>ZJY654</b>
86"	55"	45"	<b>ZJY854</b>
86"	65"	45"	<b>ZJY864</b>
86"	65"	55"	<b>ZJY865</b>

► Page 331 to specify

Kit includes

- Two-way chamfered top cap
- Two-way connectors with chamfered L-cover drilled for Y-attachment
- Y-post cover
- One end trim



A	B	C	Style Number
Aluminum			
45"	55"	65"	<b>ZJY456</b>
45"	55"	86"	<b>ZJY458</b>
45"	65"	86"	<b>ZJY468</b>
55"	65"	86"	<b>ZJY568</b>

► Page 331 to specify

Kit includes

- Two-way chamfered top cap
- Two-way connectors with chamfered L-cover drilled for Y-attachment
- Two end trims

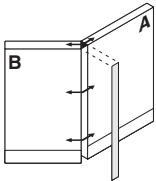
*Tip: Kit number ZJY468 can be used in any Y configuration where either the A or B frame is 45"H.*

*Tip: The small secondary illustrations show alternative configurations that can also be accommodated with the same kit.*



## V-Junctions

### Same Height



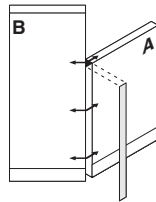
A	B	Style Number
		Aluminum
38"	38"	<b>ZJV33</b>
45"	45"	<b>ZJV44</b>
55"	55"	<b>ZJV55</b>
65"	65"	<b>ZJV66</b>
86"	86"	<b>ZJV88</b>

► Page 332 to specify

### Kit includes

Two-way 135° top cap  
Two-way 135° connectors  
One V-cover

### Different Heights



A	B	Style Number
		Aluminum
45"	55"	<b>ZJV45</b>
45"	65"	<b>ZJV46</b>
45"	86"	<b>ZJV48</b>
55"	65"	<b>ZJV56</b>
55"	86"	<b>ZJV58</b>
65"	86"	<b>ZJV68</b>

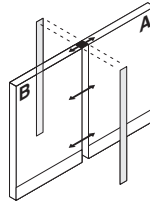
► Page 332 to specify

### Kit includes

Two-way 135° top cap  
Two-way 135° connectors  
One V-cover  
One end trim

## I-Junctions

### Same Height



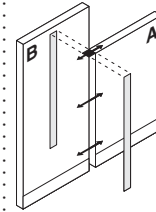
A	B	Style Number	
		Aluminum	Wood
38"	38"	<b>ZJI33</b>	<b>ZJI33W</b>
45"	45"	<b>ZJI44</b>	<b>ZJI44W</b>
55"	55"	<b>ZJI55</b>	<b>ZJI55W</b>
65"	65"	<b>ZJI66</b>	<b>ZJI66W</b>
86"	86"	<b>ZJI88</b>	<b>ZJI88W</b>

► Page 333 to specify

### Kit includes

Two-way in-line top cap  
Two-way in-line connectors  
Two in-line covers

### Different Heights



A	B	Style Number	
		Aluminum	Wood
45"	55"	<b>ZJI45</b>	<b>ZJI45W</b>
45"	65"	<b>ZJI46</b>	<b>ZJI46W</b>
45"	86"	<b>ZJI48</b>	<b>ZJI48W</b>
55"	65"	<b>ZJI56</b>	<b>ZJI56W</b>
55"	86"	<b>ZJI58</b>	<b>ZJI58W</b>
65"	86"	<b>ZJI68</b>	<b>ZJI68W</b>

► Page 333 to specify

### Kit includes

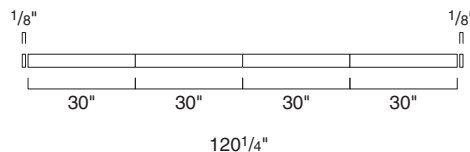
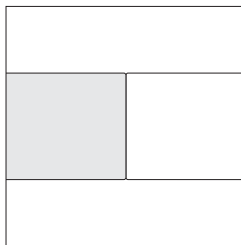
Two-way in-line top cap  
Two-way in-line connectors  
Two in-line covers  
One end trim

## Horizontal dimensions

vary depending on how frames are combined. Small increments are added to the length of a run of frames when frames are joined together. The accumulation of these increments is called creep.

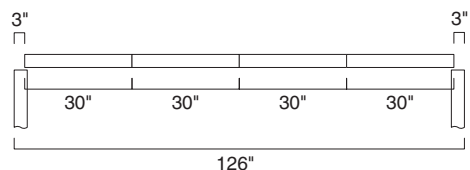
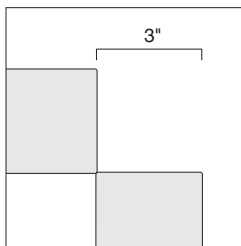
**No increment** is added when frames are joined in line.

**Add 1/8"** for each end trim.



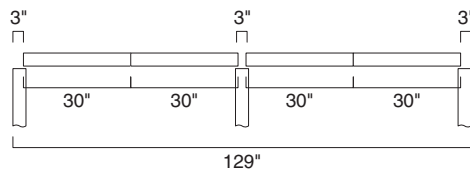
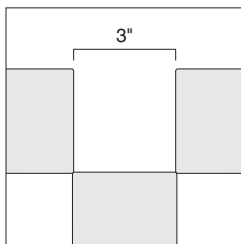
$$30" + 30" + 30" + 30" + \frac{1}{8}" + \frac{1}{8}" = 120\frac{1}{4}"$$

**Add 3"** each time a perpendicular frame is joined to the end of a frame run, which uses a junction.



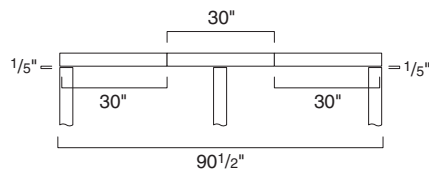
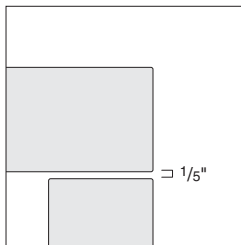
$$30" + 30" + 30" + 30" + 3" + 3" = 126"$$

**Add 3"** each time a perpendicular frame is inserted into a frame run, which uses a junction.



$$30" + 30" + 30" + 30" + 3" + 3" + 3" = 129"$$

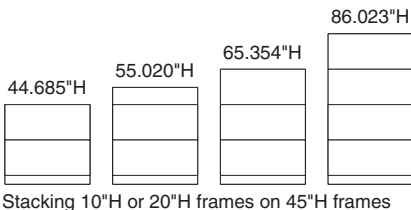
**Add 0.200** when attaching frames off-module due to light seal installation.



$$30" + 3" + \frac{1}{5}" = 33\frac{1}{5}"$$

## Vertical dimensions

**of stacks of frames** are shown in the drawings at right. Distance from top of frame to floor will be slightly greater if the leveling glides are extended. Leveling glide range is 2".



Stacking 10"H or 20"H frames on 45"H frames

*Tip: Stacking 20"H frames on 65"H frames will match the heights shown here as 86.023"H.*

*Tip: 20"H stack-on frames are actually 20.669"H.*

*Tip: 10"H stack-on frames are actually 10.335"H.*

*Tip: Two 10"H stack-on frames add up to the same height as 20"H stack-on frame, 20.669"H.*

*Tip: Height dimensions do not include top cap.*

# Rules for Frame Stability

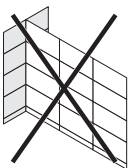
For Frames Up to 86"H

**Montage frames and tiles**, when properly installed, are designed to be stable. Adherence to the guidelines presented here will allow you to efficiently plan stable workstations using frames and tiles alone or with components attached. To ensure safe performance and maximum stability, the installation instructions that accompany each furniture shipment must be followed.

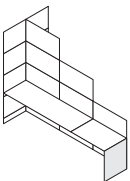
Counterweight packages for storage products are required to ensure product stability.

► See page 207 for *Counterweight Requirements for Storage Products*.

**The rules for stability are the same** regardless of the type of tile that is used, including glass tile inserts.

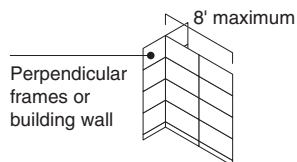


An "X" over a drawing means that this application is not recommended.

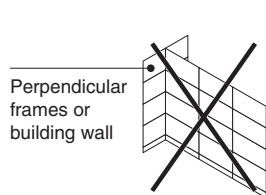


**Changing height** within a run has no effect on these stability rules as long as none of the frames exceed 86"H.

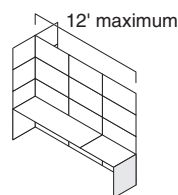
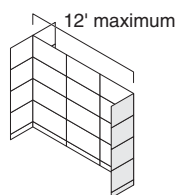
## Run of Two



## Run of Three



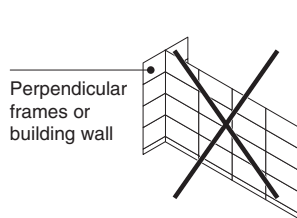
**Unstable.** Requires additional support at end of run.



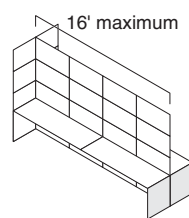
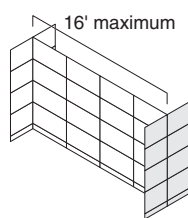
### Alternatives to fin panel or end panel in this application:

- Open loop leg
- Closed loop leg
- Pedestal with filler
- Tower with tall storage-to-panel connector
- 1.5H or 2H storage with medium storage-to-panel connector
  - 18" or 24"D cabinet in perpendicular application
  - 24"D cabinet in parallel application
  - Tower with medium storage-to-panel connector

## Run of Four

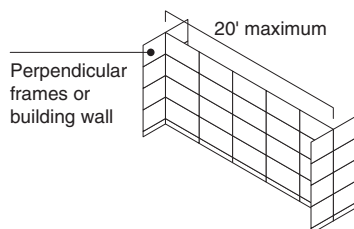


**Unstable.** Requires additional support at end of run.



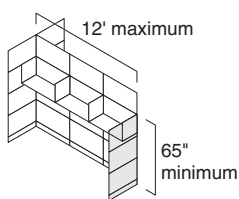
*Tip: Doors cannot be used in panel runs of four.*

## Run of Five



*Tip: Doors cannot be used in panel runs of five.*

## Rules for Frames with Components



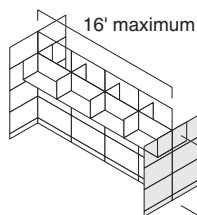
**For maximum stability,** frames that support storage components should be constructed from 65"H three-high frames.

**No components should be attached to any locations above 65"H.**

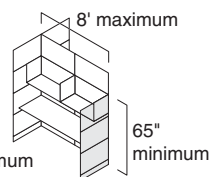
**Maximum stability** is always achieved when loads are counterbalanced by similar loads on the opposite side of the frames.

**Pedestals** with fillers cannot be used at the end of run for stability.

**Runs with one frame-supported component per frame** require perpendicular frames for stability every three frames. For maximum stability, return frame must be at least 65"H and 30"W (a single frame 65"H or a 45"H frame with 20"H frame above). Frame-supported components do not have to be counterbalanced.



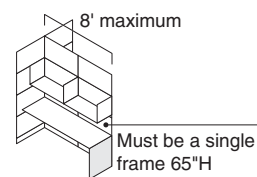
**Counterbalancing components** allows runs with one frame-mounted component per frame to be extended to four frames. For maximum stability, return frames must be at least 65"H and 30"W (a single frame 65"H or a 45"H frame with 20"H frame above).



**Runs with two frame-mounted components per frame** require perpendicular frames for support every two frames. For maximum stability, return frame must be at least 65"H and 30"W (a single frame 65"H or a 45"H frame with 20"H frame above). Frame-supported components do not have to be counterbalanced.

**Alternatives to fin panel or end panel in this application:**

- Open loop leg
- Closed loop leg
- Tower with tall storage-to-panel connector
  - Overhead bin or shelf cannot span over or be positioned over tower.
- 1.5H or 2H storage with medium storage-to-panel connector
  - 18" or 24"D cabinet in perpendicular application
  - 24"D cabinet in parallel application
  - Tower with medium storage-to-panel connector

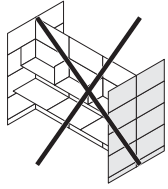


**End panel** can provide support. For maximum stability, the frames that support the frame-mounted components must be made up of single frames 65"H, with or without 20"H frames above. If 45"H frames with 20"H frames above are used, you must install 65"H return frames at the end of the run for stability as described in the previous caption.

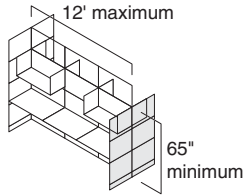
**Alternatives to fin panel or end panel in this application:**

- Open loop leg
- Closed loop leg
- Tower with tall storage-to-panel connector
  - Overhead bin or shelf cannot span over or be positioned over tower.
- 1.5H or 2H storage with medium storage-to-panel connector
  - 18" or 24"D cabinet in perpendicular application
  - 24"D cabinet in parallel application
  - Tower with medium storage-to-panel connector

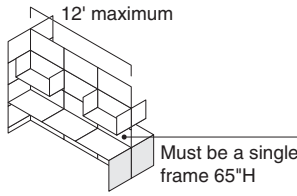
### Rules for Frames with Components, continued



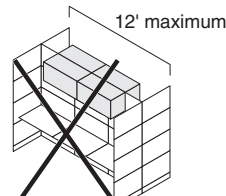
**Runs with two frame-mounted components per frame** cannot be extended for three frames unless components are counterbalanced.



**Counterbalancing components** allows runs with two frame-mounted components per frame to be extended to three frames. For maximum stability, return frame must be at least 65"H and 30"W (a single frame 65"H or a 45"H frame with 20"H frame above). Frame-supported components do not have to be counterbalanced.

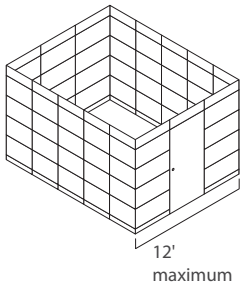


**End panel** can provide support. For maximum stability, the frames that support the frame-mounted components must be made up of single frames 65"H, with or without 20"H frames above. If 45"H frames with 20"H frames above are used, you must install 65"H return frames at the end of the run for stability as described in the previous caption.

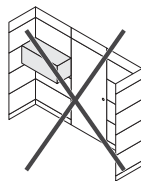


**Each off-module frame** will hold up to four storage shelves, but may not hold more than two off-module upper storage bins. Maximum bin width in off-module position is 48". Contact your Steelcase representative for your specific application requirements.

### Rules for Frames with Doors



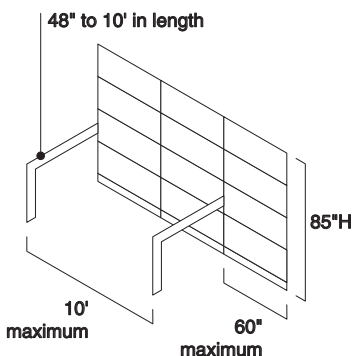
**10"H stacking frames** can be used to create 96"H panels over doors and adjacent panels. A maximum run of three 96"H panels may be used with the door, and up to five 96"H panels can be used perpendicular to either end of the door panel run.



**Hanging components** cannot be used on a 96"H panel run with a door.

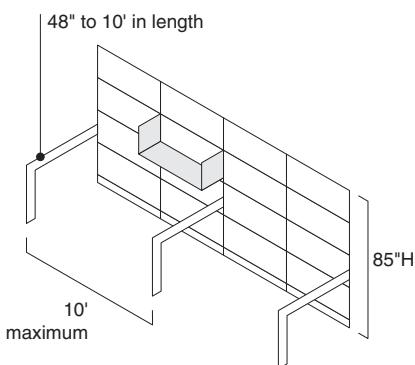
# Rules for Fence Connector Applications

Rules for Fence  
Connector Applications



**Maximum panel height:** 85"H

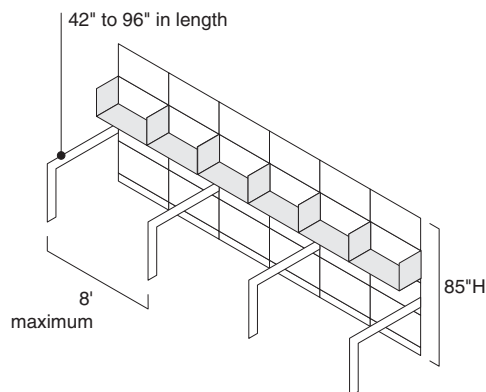
**Fences spaced no more than 10 feet apart** can stabilize a wall.



**Maximum panel height:** 85"H

**Maximum panel run:** unlimited

**Fences spaced no more than 10 feet apart** can stabilize a wall with a single panel-mounted component installed on the same side as the fence for each 10-foot run.



**Maximum panel height:** 85"H

**Maximum panel run:** unlimited

**Fences spaced no more than 8 feet apart** can stabilize a wall with a run of upper storage installed on the same side as the fence.

**Frames** cannot be stacked when using hang-on components with fence.

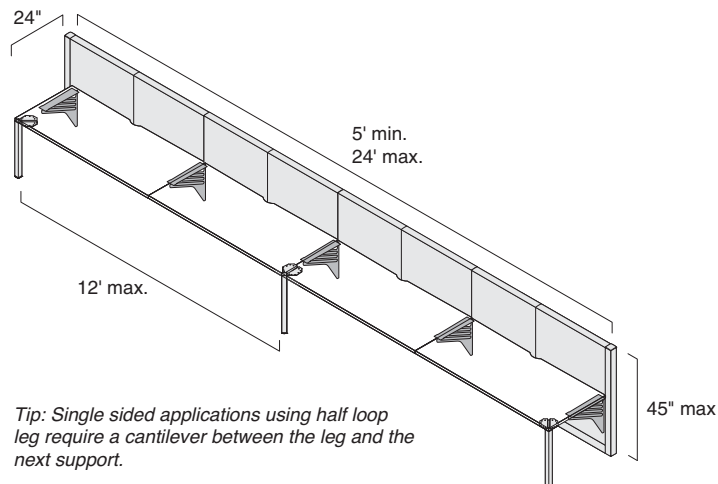
**For proper stability,** panel runs supported solely by Post and Beam fence on one side must be anchored to floor at the post base. To anchor to the floor, the large post base must be used. When supporting a panel application on both sides with Post and Beam fence anchoring to the floor is not required.

*Tip: Application guidelines below still apply. When Post and Beam fence is not anchored to the floor, the application must meet additional Answer stability guidelines (example: worksurface supports or return panel).*

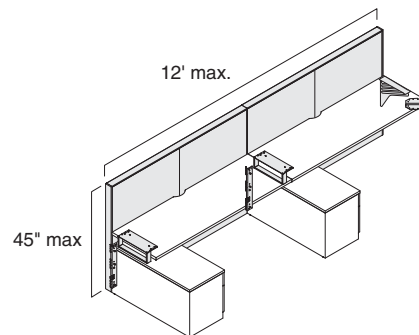
# Stability Guidelines

## Guidelines for Bench Configurations

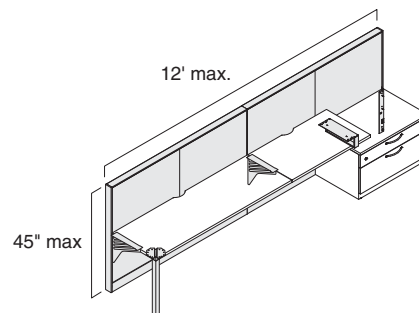
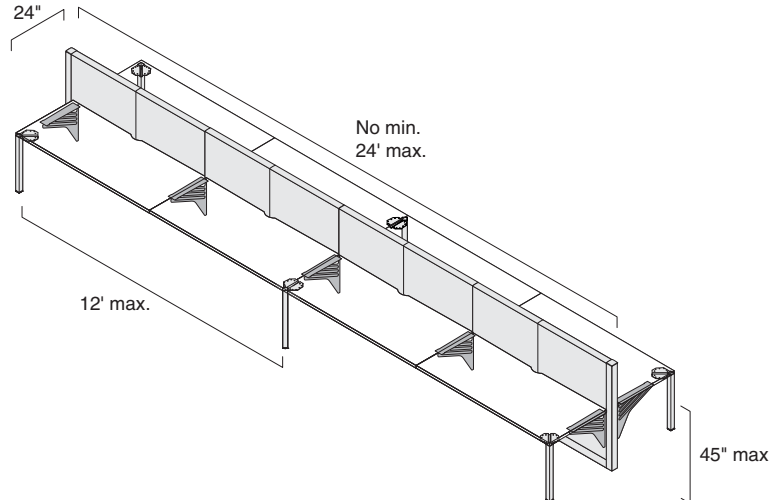
### Single Sided Bench



*Tip: Single sided applications using half loop leg require a cantilever between the leg and the next support.*



### Double Sided Bench



### End-of-run support options include:

- Post leg and cantilever
- Half loop leg
- Open loop leg
- Closed loop leg
- Worksurface end panel
- Pedestal with filler
- 1.5H or 2H (18" on 24"D) cabinet with medium panel-to-storage connector in perpendicular application.  
*Note: 1.5H cabinet requires intermediate support.*
- 1.5H or 2H (24"D) cabinet with medium panel-to-storage connector in parallel application.  
*Note: 1.5H cabinet requires intermediate support.*
- Tower with medium storage-to-panel connector.

**Maximum worksurface depth** is 24" with intermediate front support.

**30"D worksurfaces** require legs in the front of each worksurface on both ends of the worksurface.

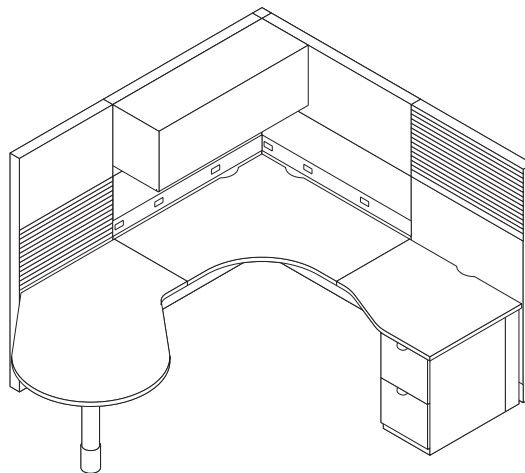
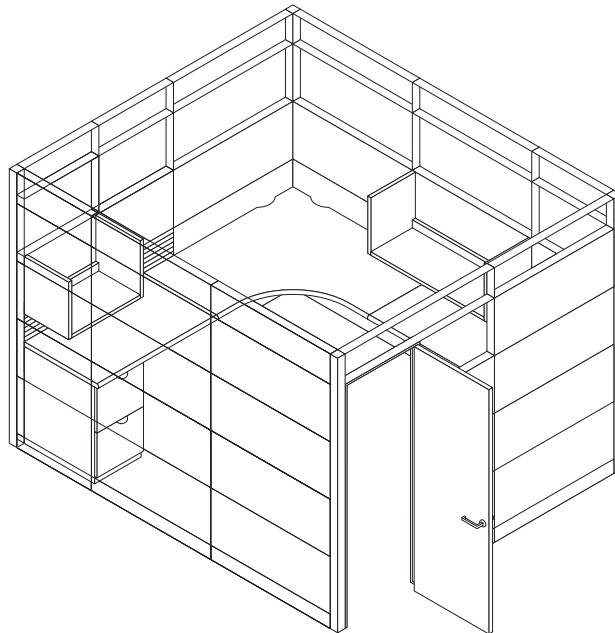
**Center support panels** cannot be used as intermediate supports.

**Slim shelves and slatwall skins** (including monitor arm attachment) can be applied, but bins and universal shelves are not allowed.

# Acoustic Guidelines

**Montage** is a flexible, stackable furniture system that can provide moderate levels of acoustical privacy if applied appropriately.

**Open-plan installations** provide visual privacy with moderate levels of acoustical privacy. Sound absorption is the goal of open installation plans. Higher-performing NRC ratings are desired.

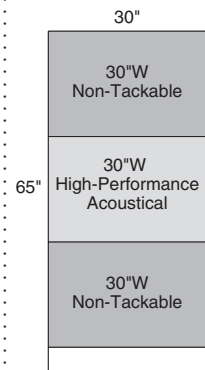


## Checklist

### For optimum acoustical performance

For all installations:

- 1** Use steel or other hard tile surfaces at the frame base.
- 2** Use high-performance acoustical, slatwall, or markerboard functional tiles above worksurface.
- 3** Use steel or other hard tile surfaces at the top of frame.  
▶ See page 301 for additional frame run elevations.  
Example:







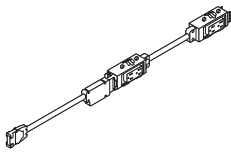
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# Understanding Frame Wiring and Cabling

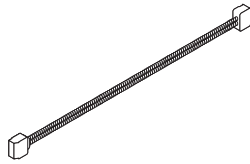
	
<b>Statement of Line</b>	<b>56</b>
	
<b>Product Details</b>	
Powerkit System	<b>58</b>
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Powerkit Wiring and Cabling with Frames	<b>64</b>
Multipurpose Power Infeeds	<b>65</b>
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# Statement of Line

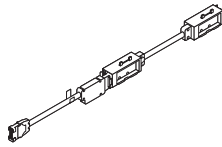
## Powerkit Wiring and Cabling



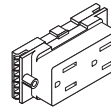
**Powerkits**  
Understanding  
▶ Page 58  
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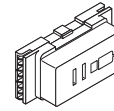
**Pass-Through Powerkits**  
Understanding  
▶ Page 59  
Specifying  
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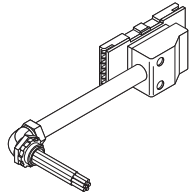
**Retrofit Powerkit**  
Understanding  
▶ Page 59  
Specifying  
▶ Page 348



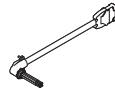
**15-Amp or 20-Amp Receptacles**  
Understanding  
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**USB Receptacles**  
Understanding  
▶ Page 59  
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▶ Page 350



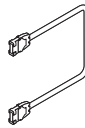
**Power Infeeds**  
Understanding  
▶ Page 60  
Specifying  
▶ Page 344



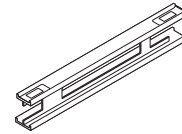
**Power Harnesses for Use with Power and Cable Pole**  
Understanding  
▶ Page 60  
Specifying  
▶ Page 346



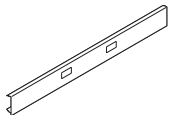
**Power and Cable Poles**  
Understanding  
▶ Page 60  
Specifying  
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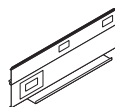
**Modular Harnesses for Base-to-Desk Height Power Transfer and Off-Modular Power Transfer Cable at Desk Height**  
Understanding  
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**Desk-Height Cavities**  
Understanding  
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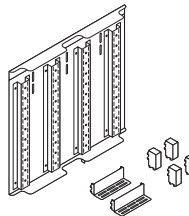
**Powerkit Base Covers**  
Understanding  
▶ Page 62  
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**Powerkit Enhanced Desk-Height Cavity Covers**  
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▶ Page 62  
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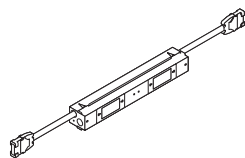
**Cable Carrier**  
Understanding  
▶ Page 64  
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▶ Page 353



**Consolidation Point Kit**  
Understanding  
▶ Page 66  
Specifying  
▶ Page 355

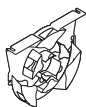


**Chicago Junction Box**  
Understanding  
▶ Page 68  
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**Power Infeeds for Use in New York City**

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 ▶ Page 69  
 Specifying  
 ▶ Page 345



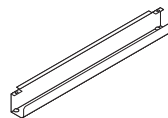
**Cable and Fiber Reel**

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 ▶ Page 201  
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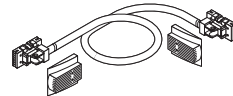
**Termination Plate**

Understanding  
 ▶ Page 202  
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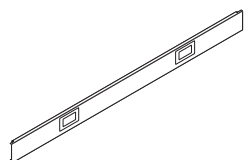
**Cable Storage Tray**

Understanding  
 ▶ Page 203  
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**Powerkit External Off-Module Spine-to-Fin Modular Jumper**

Understanding  
 ▶ Page 60  
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 ▶ Page 347



**Powerkit Base Cover for Use with Off-Module Jumper Cable**

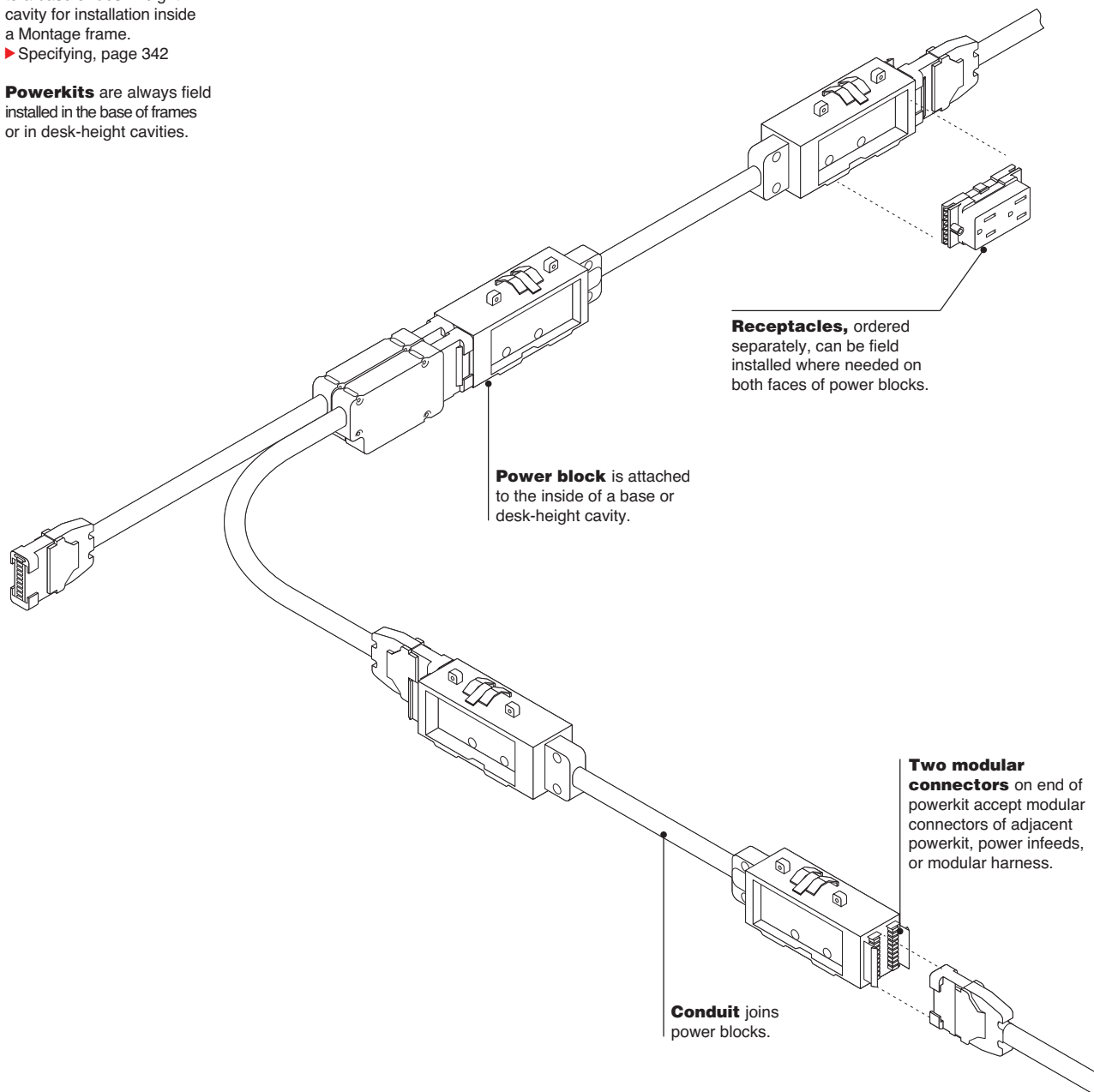
Understanding  
 ▶ Page 62  
 Specifying  
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# Powerkit System

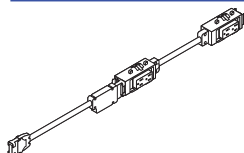
**Powerkit systems** are a combination of modular power blocks, harnesses, and connectors that attach to a base or desk-height cavity for installation inside a Montage frame.

► Specifying, page 342

**Powerkits** are always field installed in the base of frames or in desk-height cavities.

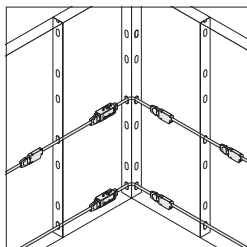


## Product Details



**Powerkits** are available in widths that correspond to frame widths. For frames over 24"W, the kit includes two modular power blocks, a harness connecting them, and a harness to reach the next powerkit in an adjacent frame.

**Powerkits** may be specified in a non-PVC version. For those trying to gain the LEED Innovation in Design credit, non-PVC should be selected.



**Pass-through power-kits** are available for applications where you want to extend the power between frames but have no need for access in a specific frame.

*Tip: Junctions must be specified to route power vertically.*

**Pass-through power-kits** may be specified in a non-PVC version. For those trying to gain the LEED Innovation in Design credit, non-PVC should be selected.

**Retrofit powerkits** are available for use with frames manufactured prior to March 20, 2000. Retrofit powerkits can be used with pass-through powerkits, 15-amp receptacles, power infeeds, power harnesses for use with power and cable poles, and modular harnesses for base-to-desk-height power transfer. However, base covers and desk-height cavity covers must be ordered through Specials.

**Retrofit powerkits** may be specified in a non-PVC version. For those trying to gain the LEED Innovation in Design credit, non-PVC should be selected.

18"W

24"W

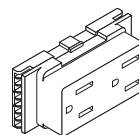
30"W

36"W

42"W

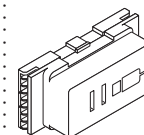
48"W

**Width of base** determines how many receptacle locations are available.

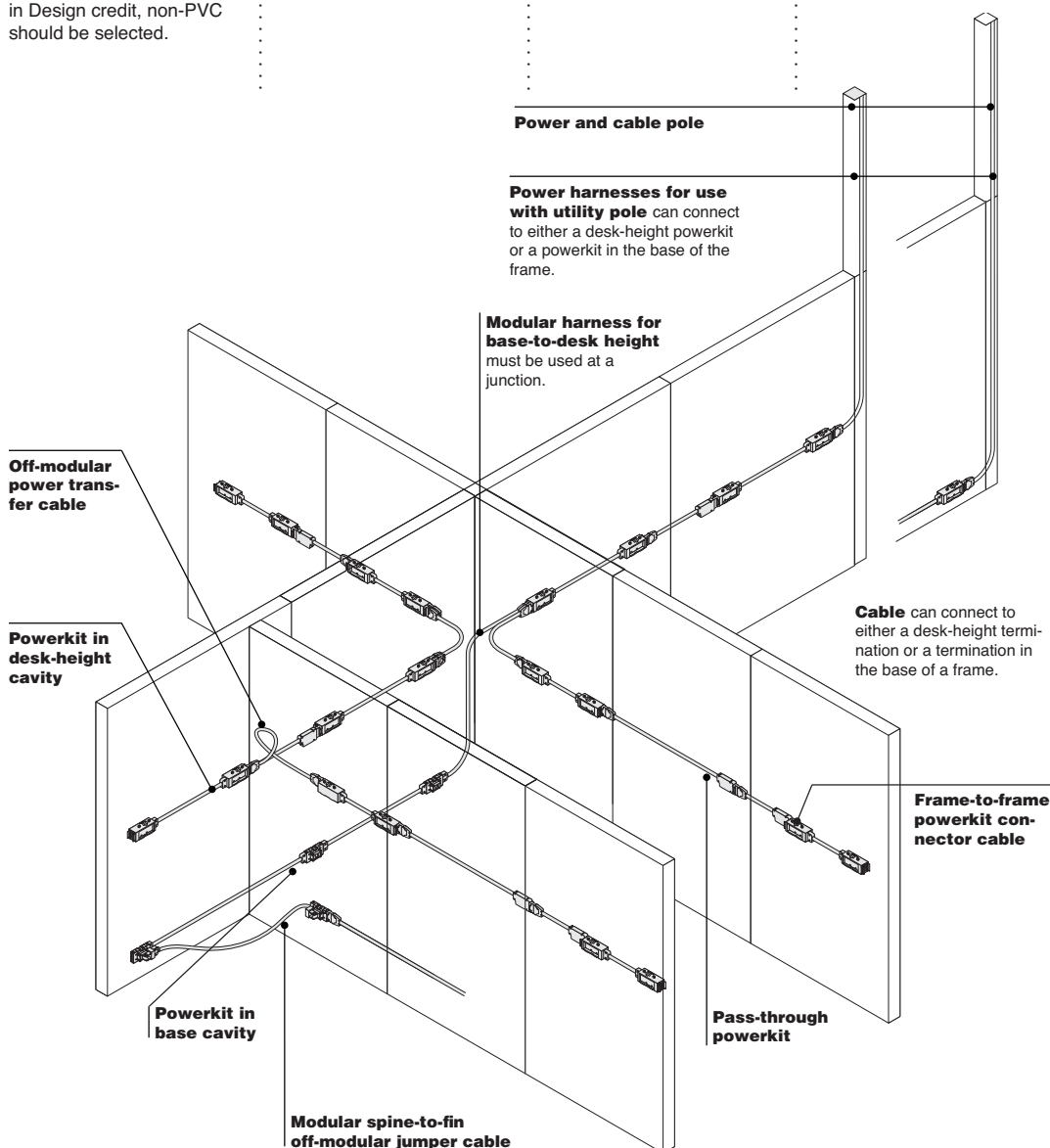


### 15-amp or 20-amp duplex receptacles

snap into powerkits on one side or both sides of the frame. Receptacles are available in eight versions to enable you to access different combinations of circuits. Install receptacles only where you want them. Add more receptacles in the future.



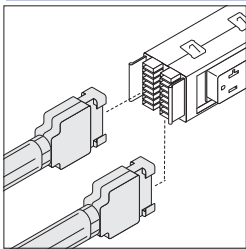
**USB receptacles**, available in three wiring schematics with multiple line options, snap into powerkits on one side or both sides of the frame. USB receptacles offer easy access to two charging ports. Each port provides 1 ampere of output. USB receptacles conveniently charge a wide range of electronic devices. Some devices may not be compatible.



**Three wiring schematics** are available—3+1, 2+2, and three circuits with separate neutrals (3SN). All the components in an electrical distribution system must use the same wiring schematic. For safety the components are keyed, labeled, and color-coded to make it impossible to connect mismatched parts.

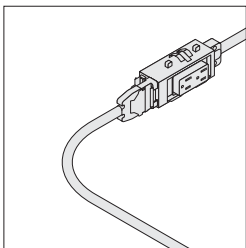
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## Connections

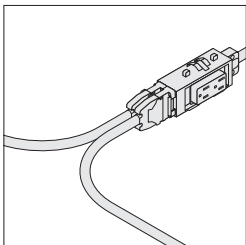


**Harnesses** plug into connection points on the powerkit. Every powerkit has multiple connection points to allow branching of power.

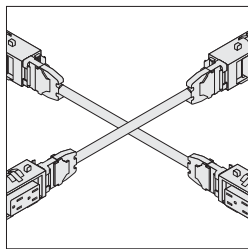
**Power harness** may be specified in a non-PVC version. For those trying to gain the LEED Innovation in Design credit, non-PVC should be selected.



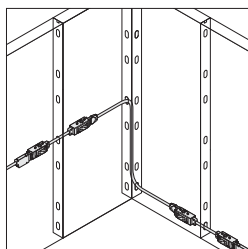
**L-connection** is formed by connecting a harness to a power block.



**T-connection** is formed by connecting two harnesses to a power block.

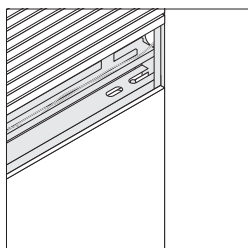


**X-connection** is formed by connecting two harnesses to two successive power blocks.



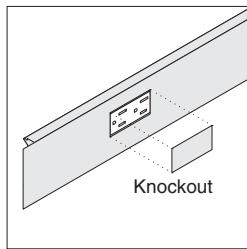
**Modular harnesses** that are 48"W are available to route power from the frame base to desk height.

**Modular harness** may be specified in a non-PVC version. For those trying to gain the LEED Innovation in Design credit, non-PVC should be selected.

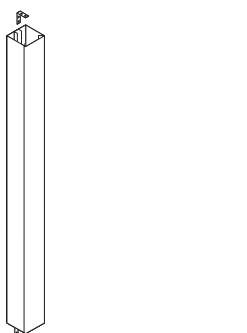


**Desk-height cavity** is required to install a powerkit in a frame at worksurface height. Frames are available with factory-installed desk-height cavities or you can order cavities separately and install them in the field.

► Page 354

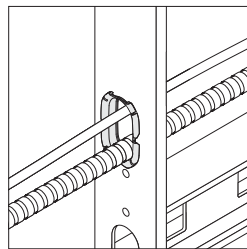


**Knockouts and cutouts** for receptacles in the frame base trim are always 12" from the outside edges of the frame.

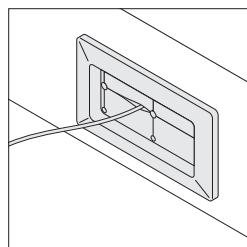


**Power and cable pole** can be added above any square junction, except the in-line junction, to bring power and cables down from the ceiling. Power harness, installed inside the power pole, connects to the powerkit in the base or desk-height cavity of the frame without occupying any receptacle locations.

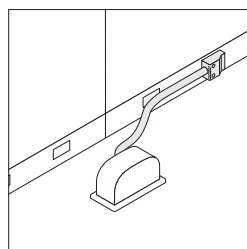
**Wire separators** are not required. All electrical harnesses are shielded.



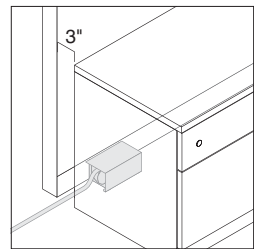
**Cable sleeves** can be added in the field to finish the edges of feed-through openings in the panel frames. Sleeve must be oriented as shown. Sleeve will not install on frame when installing 135° V-junctions.



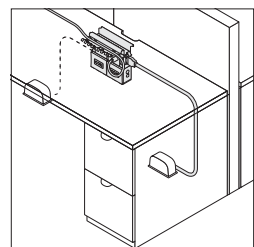
**Cable grommets** can be inserted in receptacle openings to route cables from the panel base into the panel. Black plastic only.



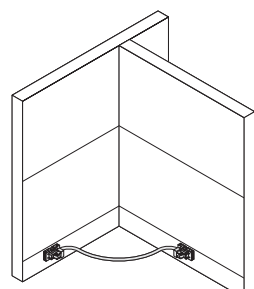
**Power infeed** is available to bring power from monument in floor of building to a cluster of frames. It attaches to a powerkit installed in frame base and occupies one receptacle location.



**Power infeed** sits proud of the panel approximately 3" and will interfere with openings in the panel frames. Sleeve must be oriented as shown. Sleeve will not install on frame when installing 135° V-junctions.

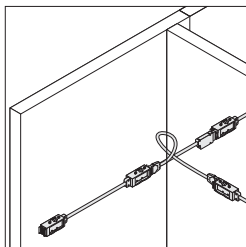


**Internode** is available to bring power and voice-data out to the worksurface.



**Modular spine-to-fin off-modular jumper cable** is available to bring power from the spine to an off-modular fin wall at the base only. Cable must be used with a powerkit base cover for use with off-modular jumper cable.

**Modular spine-to-fin off-modular jumper cable** may be specified in a non-PVC version. For those trying to gain the LEED Innovation in Design credit, non-PVC should be selected.



**Off-modular power transfer cable** is available to bring power internally from the spine to an off-modular fin panel at desk height only.

### Wiring & Cabling

**All Montage electrical components** are listed by Underwriters Laboratory of the United States (UL), and Canada (ULC), and certified by the Canadian Standards Association (CSA).

**Local electrical codes vary**, so consult with your local authority having jurisdiction as they have final say if the products as installed are compliant with local code. Consult a qualified electrical contractor or engineer for the proper installation of all electrical components.

**Chicago and New York** have special requirements.  
► Page 68

**San Francisco code** allows use of standard Montage base power infeeds.

### Surface Materials

**Powerkit systems** are concealed when they are properly installed.



# Powerkit Receptacles and Covers

## Powerkit receptacles and base and desk-height cavity covers

can be used with powerkit system only.

► Specifying, pages 349–354

**Power receptacle openings** cannot accommodate voice/data receptacles unless there is no powerway installed.

**Optional voice/data openings** can be specified below desk height. 24"W and 30"W covers have one optional opening and 36"W, 42"W, and 48"W covers have two optional openings.

**Voice/data receptacle openings** cannot accommodate power receptacles.

**Cable-management tray** is optional and concealed below the level of the worksurface. This tray cannot be used with full-depth (24"D and 30"D) Universal pedestals.

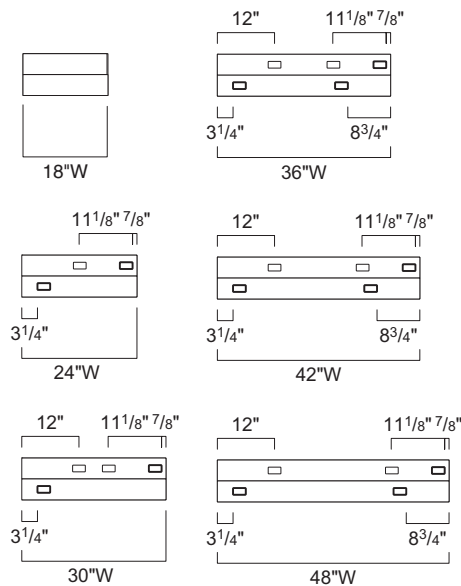
**Powerkit base cover** attaches to the frame and accommodates receptacles.

**Powerkit base cover for use with a modular spine-to-fin off-modular jumper cable** has knockouts that need to be removed in the field to install jumper cable.

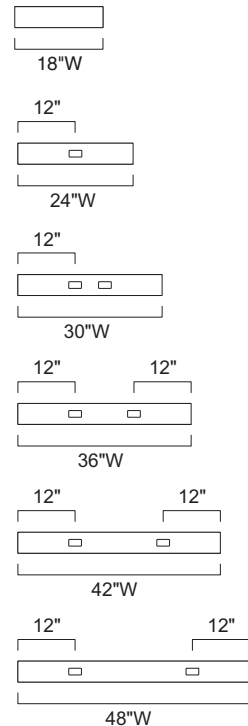
**Enhanced desk-height cavity cover** provides openings for electrical outlets and voice/data receptacles.

**Plain base cover** can be combined with power base covers on opposite sides of a frame.

## Desk-Height Cavity Covers



## Base Covers



## Actual Dimensions

### Desk-height cavity cover

Width	18", 24", 30", 36", 42", or 48"
Height	7"

### Base cover

Width	18", 24", 30", 36", 42", or 48"
Height	3 7/16"

### Receptacle opening

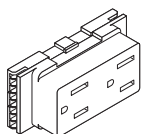
Width of opening	2 5/8"
Height of opening	1 3/8"

## Product Details

**Receptacles** are ordered separately and installed in the field.

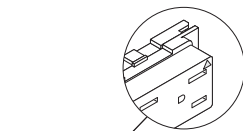
**Covers** are ordered separately and attached to frames in the field.

**Circuit connections** are predetermined by the type of receptacle.

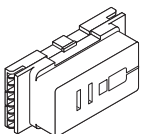


**Receptacles** are available in several versions to enable you to access different schematics and combinations of circuits.

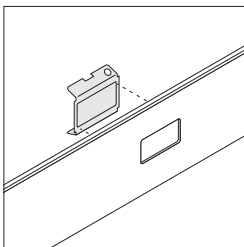
**Label on each receptacle face** indicates which circuit each outlet is connected to, so the user can control which devices are on specific circuits.



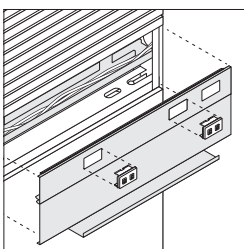
**Orange triangle** indicates to users that the receptacles are connected to isolated grounds.



**USB receptacles**, available in three wiring schematics with multiple line options, snap into powerkits on one side or both sides of the frame. USB receptacles offer easy access to two charging ports. Each port provides 1 ampere of output. USB receptacles conveniently charge a wide range of electronic devices. Some devices may not be compatible.



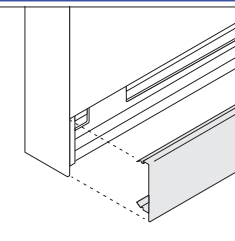
**Outlet filler plate** is available, ordered separately, to fully close unused receptacle openings.



**Desk-height cavity without powerkit** can be used for cable routing, and receptacle openings can accommodate voice/data receptacles.

**Voice/data receptacles** are available to accommodate a wide range of modular connections. We recommend that testing be conducted using your specific voice/data receptacle as well as the furniture configuration you are considering. Receptacles are supplied by the installer.

## Connections



**Base covers** attach to the frame with a concealed attachment and are removable.

**Desk-height cavity covers** snap onto desk-height utility cavity with a concealed attachment.

**Power** is not available in 18"W frames, pass-through only.

## Wiring & Cabling

**Any circuit can be accessed** at any receptacle location by using the appropriate receptacle.

## Surface Materials

### Desk-height cavity cover

- Paint

### Base cover

- Paint

### Outlet filler plate

- Paint

### Receptacle

- 6000 Black
- 6009 Arctic White
- 6249 Platinum Solid
- 6651 Tungsten
- 6652 Titanium
- 6654 Sand
- 6697 Fog
- 6B03 Red

# Powerkit Wiring and Cabling with Frames

## Capability

- Multiple cable pathways within each tile providing unparalleled cable capacity
- Four circuits per base power-in
- 3+1, 2+2, and 3SN wiring schematic

## Connectivity

- Desk-high access to power and communications cabling using desk-high cavity
- Flexible access to communications anywhere in frame using customized tiles
- Additional access to power at base

## Protection

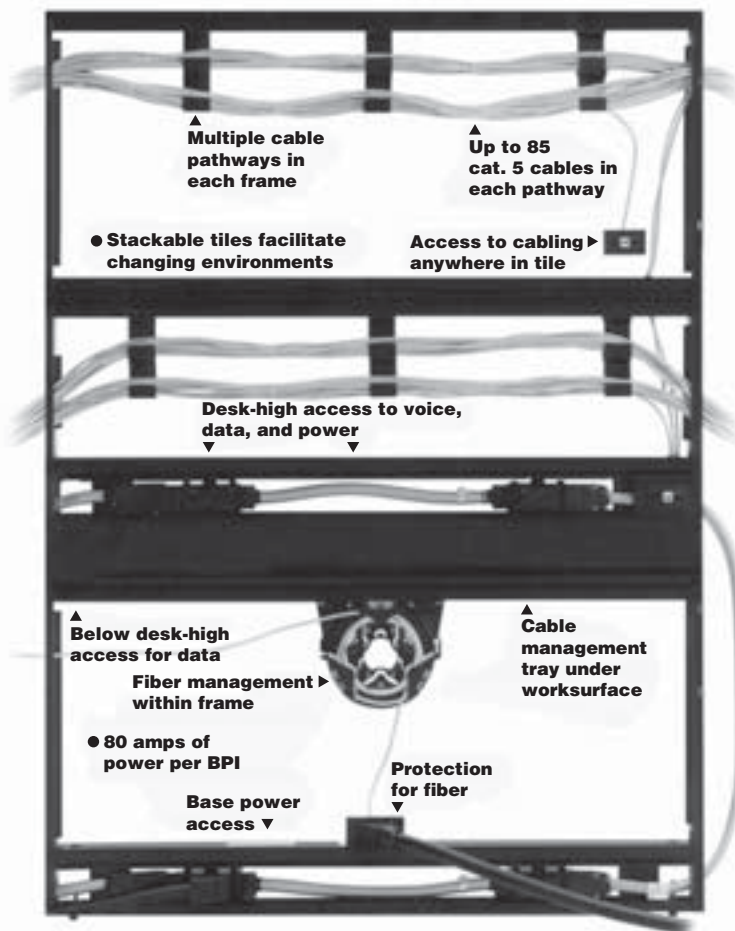
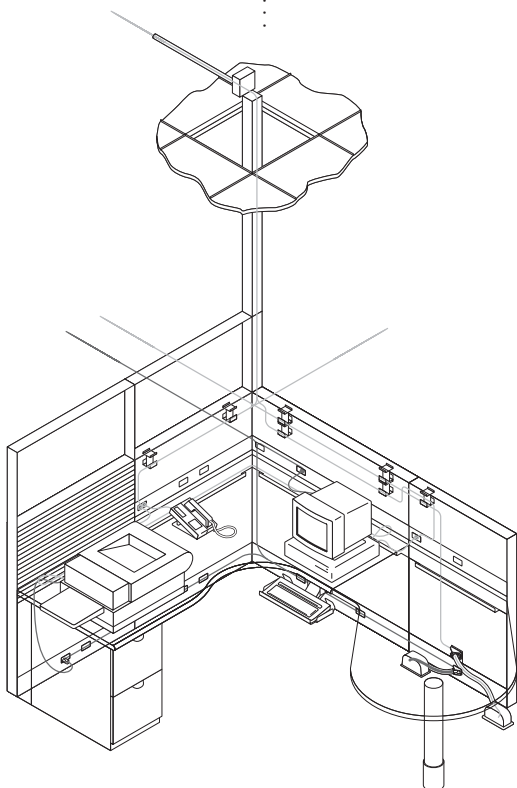
- SmartPower solutions for clean power
- Separate pathways for power and communications
- Protection for fiber optic cabling entering and within frame

## Flexibility

- Removable tiles for easy access to cables
- Stackability accommodates change while minimizing wire and cable reconfiguration
- Variety of interfaces (ceiling, floor, end) to support building wiring and communications technology

## Management

- Cable carriers within tiles for horizontal cable management
- Vertical cable routing between tiles
- Cable management recesses on all worksurfaces
- Energy-efficient electrical systems and lighting
- Base to desk-height power transfer cable routed through a junction



# Multipurpose Power Infeeds

Multipurpose Power Infeeds

**Multipurpose power infeed** brings power from the ceiling, wall, column, or floor and connects to a powerkit in a Montage or Internode power module.  
► See *Answer or Context Specification Guide*

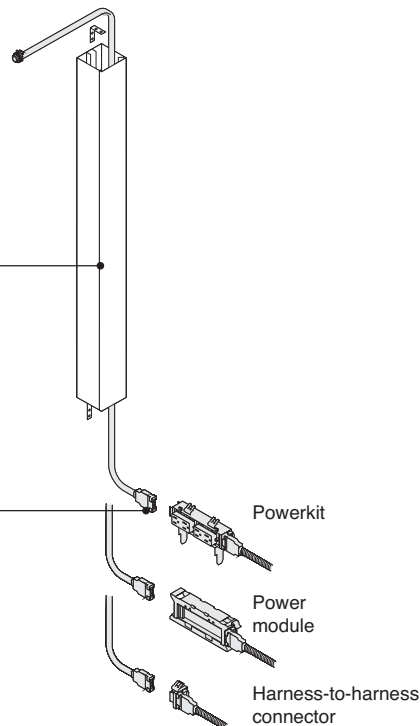
**Utility pole** is used to conceal multipurpose power infeeds and cables that drop from the ceiling.

**Modular connector** attaches to a powerkit, power module, or another harness with a harness-to-harness connector.

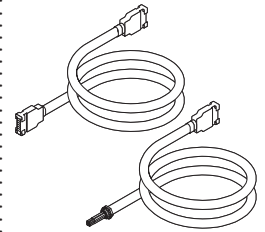
**Modular connector receptacle** is available to be connected to building power source.

**Hardwire infeeds** connect to the building power source.

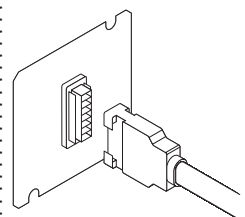
**Multipurpose power infeed** can pass through a wall start bracket directly into the base or desk-height cavity of a Montage panel.



## Product Details



**Multipurpose power infeed** is made from flexible conduit. One end allows either a modular or hardwire connection to the building power source. The opposite end has a modular connector that attaches to a powerkit, power module, or harness-to-harness connector.



**Modular connector receptacle** is included with modular multipurpose power infeed to hardwire to a junction box. It allows modular connector to snap into position. This allows furniture to be disconnected, moved, and reconnected later.

**Flexible conduit** is available in two lengths—12' or 24'.

## Surface Materials

**All of the components** of the power infeeds are concealed when they are properly installed.

**Utility pole**  
• Paint

## Actual Dimensions

Multipurpose power 12' or 24' infeed length

# Consolidation Point

## Consolidation point

can be accommodated inside a Montage frame to provide easy-to-access connection points for data/voice networks. The power routing capabilities of the frame are unimpaired. Consolidation point is designed to hold data/voice cabling and network hardware, such as punchdown blocks and 19" patch panels.

*Tip: For accessibility remember to plan the location of your consolidation point so that it is not blocked by other furniture.*

► Specifying, page 355

**Tiles** on both sides of the consolidation point kit must be non-tackable or markerboard.

## Mounting brackets

can be positioned by the installer as needed to support connection points and provide adequate space for cable routing.

**Slotted channels** in back panel accommodate adjustable mounting brackets at any height and spacing that suits the installer.

## Consolidation point kit

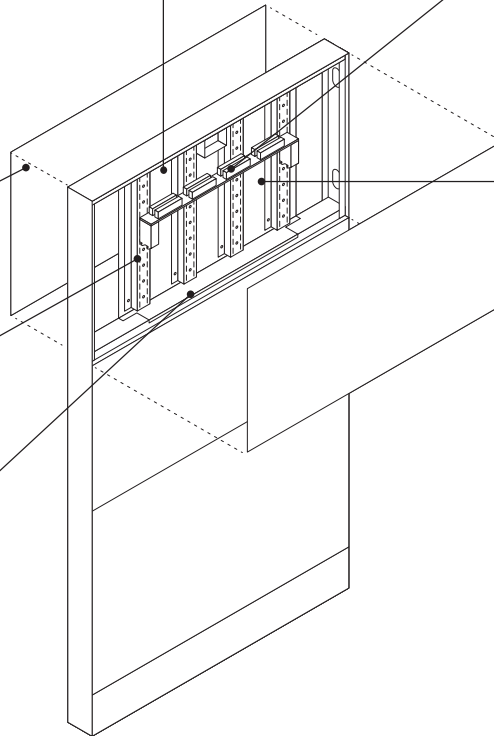
attaches inside Montage frame. Kit includes back panel, consolidation point mounting brackets, and cable managers.

**Punch-down blocks or patch panels**, supplied by the customer, accept dozens of contact points for phone, computer, or other data/voice cables.

## Mounting brackets

accommodate standard-size, 19" patch panels or punch-down blocks which are supplied by the data/voice cabling installer.

**Back panel** supports punch-down blocks or 19" patch panels which are customer-supplied.



## Actual Dimensions

Depth	2.5" (64 mm)
Width	28" (711 mm)
Height	20" (508 mm)

## Product Details

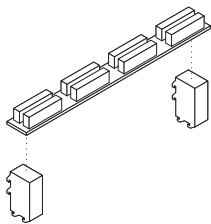
**Consolidation point** can be installed at any height within a frame, but you should plan to install it above 45"H to ensure that it is not blocked by a worksurface and to make it convenient to work at. Remember to plan the location of your consolidation points so that they are not blocked by other furniture.

**Tiles** on both sides of the consolidation point kit must be non-tackable or markerboard.

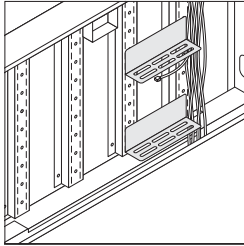


**Utility pole** can route cables from the ceiling of the building to the consolidation point. Pole can also accommodate a top power-in harness.

► Page 346



**Mounting brackets** accommodate standard-size, 19" patch panels or punch-down blocks which are supplied by the data/voice cabling installer.



**Cable manager** helps keep cables in order.

## Connections

**Hardware** to attach consolidation point kit is included.

## Wiring & Cabling

**Consolidation point** can typically accommodate up to 72 connections. Capacity depends on neatness of installation.

## Application Topics

### Cable Capacities

► Page 72

# Powerkit Wiring Schematics

## Details for the Electrician

**Montage powerkits** offer three different wiring schematics to allow you to match your specific wiring strategy to any typical building wiring plan.

*Tip: All the components in an electrical system must use the same wiring schematic. The components are keyed and color coded to make it impossible to connect mismatched parts.*

Black = Four-circuit, 3+1

Brown = Four-circuit, 2+2

Rust = Three-circuit, separate neutrals (3SN)

Shared neutrals = 10 gauge

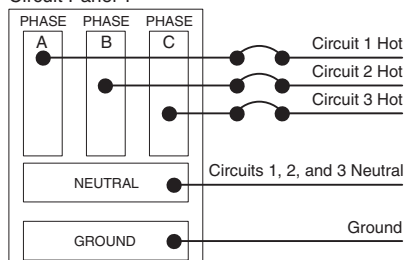
Non-shared neutrals = 12 gauge

Hot wires = 12 gauge

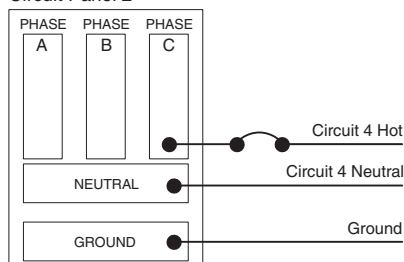
Ground wires = 12 gauge

### Four-Circuit, 3+1

Circuit Panel 1

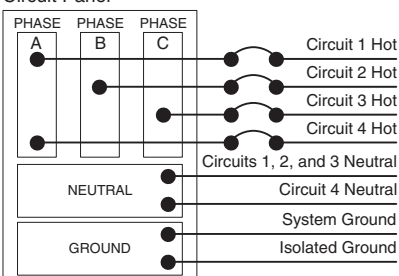


Circuit Panel 2



**In the four-circuit 3+1 schematic,** circuits 1, 2, and 3 are distributed from the first circuit panel and are supported with one shared neutral and one shared ground. Circuit 4 is distributed from a second circuit panel and is supported with a separate neutral and ground.

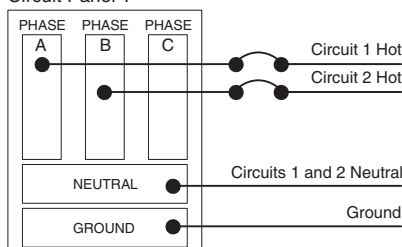
Single 3-Phase  
Circuit Panel



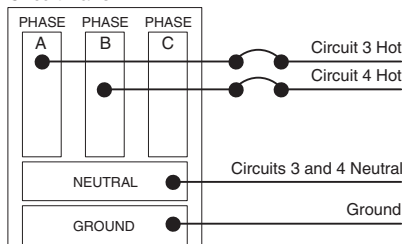
**On a single 3-phase circuit panel,** all four circuits are distributed as shown.

### Four-Circuit, 2+2

Circuit Panel 1

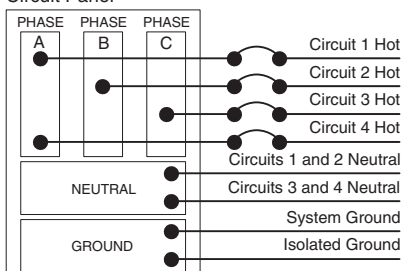


Circuit Panel 2



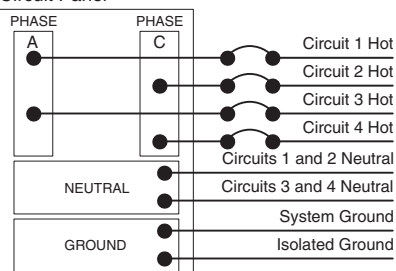
**In the four-circuit 2+2 schematic,** circuits 1 and 2 are distributed from two different phases from the first circuit panel and are supported with one shared neutral and one shared ground. Circuits 3 and 4 are distributed from a second circuit panel and are supported by their own shared neutral and ground.

Single 3-Phase  
Circuit Panel



**On a single 3-phase circuit panel,** all four circuits are distributed as shown.

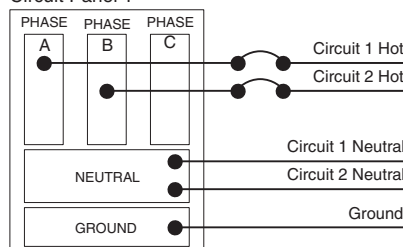
Split-Phase  
Circuit Panel



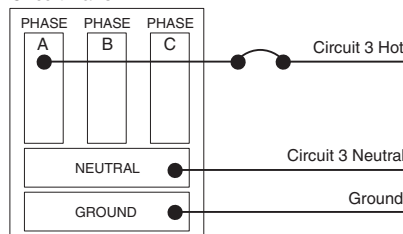
**On a split-phase circuit panel,** all four circuits are distributed as shown.

### Three-Circuit, Separate Neutrals

Circuit Panel 1

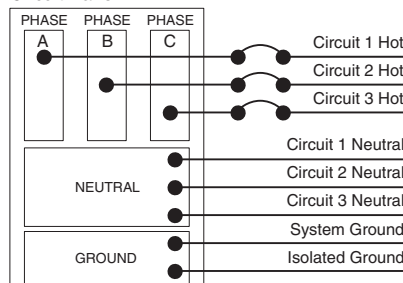


Circuit Panel 2



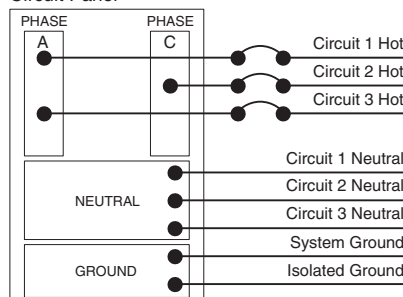
**In the three-circuit, separate neutral schematic,** circuits 1 and 2 are distributed from two different phases from the first circuit panel. Each circuit is supported with its own neutral and a common ground. Circuit 3 is distributed from the second circuit panel and is supported by its own neutral and ground.

Single 3-Phase  
Circuit Panel



**On a single 3-phase circuit panel,** three circuits are distributed as shown.

Split-Phase  
Circuit Panel



**On a split-phase circuit panel,** three circuits are distributed as shown.



# How to Calculate Power Needs

Use This to Determine How Many Power-Ins You'll Need

How to Calculate  
Power Needs

## When planning a power network,

you must calculate the amperage requirements of all your electrical components so you can provide sufficient electricity to power them.

## If your usage is not known in advance:

The National Electrical Code (NEC) allows a maximum of 13 receptacles on each 20-amp circuit. This provides up to 30 receptacles for each 3-circuit power-in and 40 receptacles for each 4-circuit power-in.

## If your usage is known in advance:

Add up the amperage used by each piece of equipment in the workstation. Whenever you reach 60 amps (20 amps times 3 circuits) or 80 amps (20 amps times 4 circuits) from items that are likely to be used at the same time, you have reached the limit for a single power-in. Specify another power-in and continue until all equipment is powered.

If the circuits will normally be subject to a continuous load (three or more hours of continuous use, such as lights or computers), the NEC requires that circuit capacity be "de-rated" by 20 percent. Therefore, treat circuits used for continuous loads as if they were rated at 16 amps instead of the regular 20 amps.

Try to anticipate future increases in power requirements and build some excess capacity into your plan.

► See table at right for typical and actual amperage usages for components.

To calculate amperage when the wattage of a device is known, divide watts by 120.

Some appliances, such as large copiers, coffee makers, or space heaters require most of the current available on a 20-amp circuit. It is recommended that such devices be supplied with their own receptacle/circuit, directly from the building. This leaves the capacity of the furniture circuits available for the more dynamic requirements of the office equipment.

Local electrical codes vary. Consult a qualified electrical contractor or engineer for the proper planning of electrical circuits in your locale.

## Approximate power consumption for common devices

Device	Wattage	Amperage	Voltage	Number of Devices Supported on Single 20 Amp Circuit*
Laptop	90	0.8	110	20
CPU/Desktop Computer	120	1.1	110	15
Monitor	60	0.5	110	29
Phone	5	0.0	110	352
High Power Tablet (e.g. Surface Pro)	40	0.4	110	44
Low Power Tablet (e.g. iPad Air)	15	0.1	110	117
Desktop Printer	40	0.4	110	44
42" LCD Screen	210	1.9	110	8
DVD Player	25	0.2	110	70
Projector	175	1.6	110	10
Desktop Lamp	19	0.2	110	93
Large Printer/Copier (high)	1900	17.3	110	1
Large Printer/Copier (low)	850	7.7	110	2
Paper Shredder	360	3.3	110	5
Desktop Fan	20	0.2	110	88
Standing Fan	180	1.6	110	10
Coffee Maker (high)	1200	10.9	110	1
Coffee Maker (low)	600	5.5	110	3
Microwave (high)	400	13.6	110	1
Microwave (low)	150	5.5	110	3
Refrigerator (high)	1500	3.6	110	4
Refrigerator (low)	200	1.4	110	12
Vacuum (high)	1500	13.6	110	1
Vacuum (low)	200	1.8	110	9
Space Heater (high)	1500	13.6	110	1
Space Heater (low)	750	6.8	110	2

\*Note: These calculations are estimations and are meant solely for informational purposes. It is important to conduct proper power planning for each installation to prevent overloading a circuit.



# Cable Capacities

**Test and verify capacities** for your individual situation. We recommend that testing be conducted using your specific cable as well as the furniture configuration you are considering. Cable capacities in this table are based on non-plenum-rated cables installed by a cable contractor under ideal conditions. Figures are approximations. Actual capacities may vary slightly depending on which manufacturer produced the cable and the specific field conditions.

## Cat 6 Test Cables

**A Avaya 1071**  
OD=0.215"

**B Avaya 1081**  
OD=0.250"

**C Avaya 2071 Plenum**  
OD=0.195"

**D Avaya 2081 Plenum**  
OD=0.240"

**E Belden Media Twist 1872A**  
OD=0.365" x 0.165"

**F Belden Media Twist 1874A Plenum**  
OD=0.365" x 0.165"

**G Berk-Tek Lan-Mark 1000**  
OD=0.230"

**H Berk-Tek Lan-Mark 1000 Plenum**  
OD=0.225"

**I CommScope UltraMedia**  
OD=0.240"

**J General Cable Command LINX 6**  
OD=0.250"

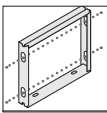
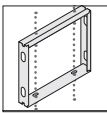
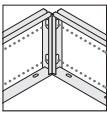
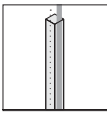
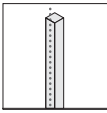
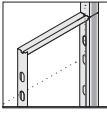
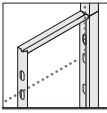
**K Mohawk GigaLAN**  
OD=0.240"

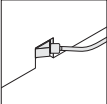
**L Nordx 4812LX**  
OD=0.245"

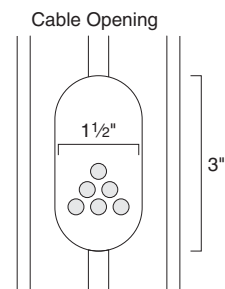
**M Nordx 4813X Plenum**  
OD=0.230"

## Cat 5 Test Cables

**N Berk-Tek 24 AWG CMR 4-Pair UTP**  
OD=0.190"

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
<b>Straight</b>														
 Cable routing through frames using both openings in 20"H section (See tip at right)	140	108	140	120	120	120	120	120	100	98	100	108	120	170
 Vertical cable routing inside frame <b>without</b> desk-height cavity (per opening)	44	36	48	38	40	40	40	40	32	32	32	36	39	50
<b>L, V, T, Y, and X</b>														
 Cable routing through frames using both openings in 20"H section (See tip at right)	100 <sup>L</sup> 110 <sup>T</sup> 140 <sup>X</sup>	64 <sup>L</sup> 68 <sup>T</sup> 108 <sup>X</sup>	100 <sup>L</sup> 112 <sup>T</sup> 140 <sup>X</sup>	80 <sup>L</sup> 88 <sup>T</sup> 120 <sup>X</sup>	90 <sup>L</sup> 100 <sup>T</sup> 120 <sup>X</sup>	90 <sup>L</sup> 100 <sup>T</sup> 120 <sup>X</sup>	82 <sup>L</sup> 84 <sup>T</sup> 120 <sup>X</sup>	82 <sup>L</sup> 84 <sup>T</sup> 120 <sup>X</sup>	56 <sup>L</sup> 60 <sup>T</sup> 100 <sup>X</sup>	55 <sup>L</sup> 58 <sup>T</sup> 95 <sup>X</sup>	56 <sup>L</sup> 60 <sup>T</sup> 100 <sup>X</sup>	63 <sup>L</sup> 68 <sup>T</sup> 110 <sup>X</sup>	82 <sup>L</sup> 86 <sup>T</sup> 120 <sup>X</sup>	118 <sup>L</sup> 118 <sup>T</sup> 118 <sup>X</sup>
<b>Power Pole and Cable Pole</b>														
 Vertical cable routing in pole <b>with</b> power harness	75	60	75	60	65	65	60	60	50	49	52	60	60	70
 Vertical cable routing in pole <b>without</b> power harness	90	70	90	75	75	75	75	75	65	64	65	71	75	105
 Cable routing from pole <b>with</b> power harness into frame (per opening)	75	60	75	60	65	65	60	60	50	49	52	60	60	50
 Cable routing from pole <b>without</b> power harness into frame (per opening)	90	70	90	75	75	75	75	75	65	64	65	71	75	64

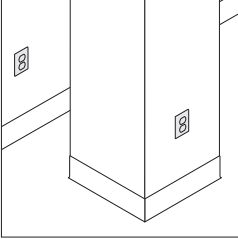
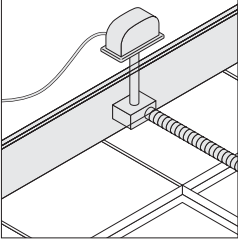
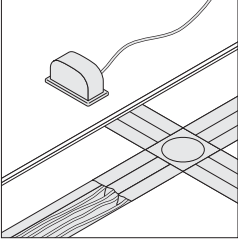
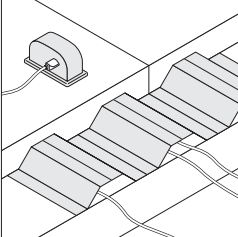
	A	B	C	D	E	F	G	H	I	J	K	L	M	N
<b>Base Fiber-In</b>														
 Base fiber-in into panel base	8	5	7	6	7	7	6	6	5	5	6	5	6	7

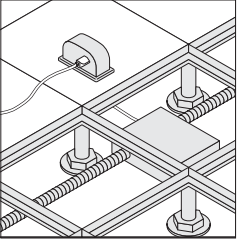
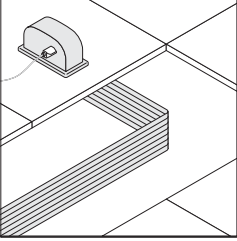
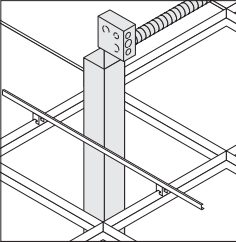


*Tip: Desk-height powerkit will occupy one cable opening, thus reducing cable routing capacity.*

*Tip: High-performance acoustical tiles, when used in back-to-back applications, minimize cable capacity available.*

# Understanding Building Wiring

System	Characteristics	Advantages	Disadvantages	Comments
<b>Fixed Wall and Column</b> 	<ul style="list-style-type: none"> <li>Common to most buildings.</li> <li>Power and telecommunication run through permanent walls to wall receptacles.</li> </ul>	<ul style="list-style-type: none"> <li>Low cost for initial installation.</li> <li>Provides power in corridors and small rooms.</li> </ul>	<ul style="list-style-type: none"> <li>Must be used with other systems to reach areas away from walls.</li> <li>Moving wall receptacles is difficult and expensive.</li> </ul>	<ul style="list-style-type: none"> <li>Workstations layout depends on location of wall receptacles and must be carefully planned.</li> <li>Usually used with other systems such as poke through or flat wiring.</li> </ul>
<b>Poke Through</b> 	<ul style="list-style-type: none"> <li>Wiring concealed in ceiling space of floor below and fed through holes in floor.</li> <li>Electrical receptacles and telecommunications outlets located in floor-attached monuments.</li> </ul>	<ul style="list-style-type: none"> <li>More flexible than underfloor duct because wires can be pulled up at any location.</li> </ul>	<ul style="list-style-type: none"> <li>High relocation costs.</li> <li>Moving junction boxes requires putting a hole through the floor—a process called coring.</li> <li>Moving junction boxes can disrupt work on two floors.</li> <li>Monuments can cause people to trip.</li> </ul>	<ul style="list-style-type: none"> <li>Not accepted by some local fire codes.</li> <li>May weaken floor slab.</li> <li>Flexibility dependent on building structure.</li> <li>Pedestals can conceal monuments.</li> </ul>
<b>Underfloor Duct</b> 	<ul style="list-style-type: none"> <li>Ducts or continuous channels encased in floor slab.</li> </ul>	<ul style="list-style-type: none"> <li>Low life-cycle costs.</li> <li>Easy access for relocation.</li> <li>Relocation causes little disruption.</li> </ul>	<ul style="list-style-type: none"> <li>Flexibility limited to specific access points.</li> </ul>	<ul style="list-style-type: none"> <li>Increasing wire and cable requirements may exceed capabilities of existing system.</li> </ul>
<b>Cellular Floor</b> 	<ul style="list-style-type: none"> <li>Underfloor system with large-capacity, divided distribution cells for electrical and telecommunication wiring.</li> <li>Wiring runs perpendicular to the trench header, a special duct that cuts across all the cells and provides access.</li> </ul>	<ul style="list-style-type: none"> <li>Inconspicuous.</li> <li>Electrical and telecommunication systems run together to the workstation.</li> <li>Protects voice and data systems from interference and damage.</li> </ul>	<ul style="list-style-type: none"> <li>System can add to required length of wire or cable because of trench header-cell configuration.</li> </ul>	<ul style="list-style-type: none"> <li>Carpet tiles ease access to trench.</li> </ul>


System	Characteristics	Advantages	Disadvantages	Comments
<b>Access Flooring</b> 	<ul style="list-style-type: none"> <li>Developed for mainframe computer rooms.</li> <li>Modular floor panels raised above the slab on 6" to 36" high supports, and conduit and cables run beneath these floor panels.</li> <li>Access through monument fixtures.</li> </ul>	<ul style="list-style-type: none"> <li>Ease of access and rearrangement of wiring systems.</li> </ul>	<ul style="list-style-type: none"> <li>May be noisy when walked on.</li> <li>Requires stairs and ramps on building floor when added to existing facility.</li> </ul>	<ul style="list-style-type: none"> <li>Smoke alarms and fire protection sprinklers may be required.</li> <li>Use only carpet tiles or area rugs.</li> </ul>
<b>Flat Wiring</b> 	<ul style="list-style-type: none"> <li>Access from wall or column. Power and signal cables run to workstation via flat wire and cable sandwiched between slab and carpet.</li> <li>Outlets in transition boxes on top of carpet.</li> </ul>	<ul style="list-style-type: none"> <li>Easy relocation.</li> <li>Flexible.</li> <li>Meets most capacity requirements.</li> <li>Elements sold as one package.</li> </ul>	<ul style="list-style-type: none"> <li>Heavy wheel traffic can cause signal interruption in data transmission wiring.</li> </ul>	<ul style="list-style-type: none"> <li>Should not be used in areas susceptible to extreme dampness or water spillage.</li> <li>Slab-on-grade installations, where concrete is poured directly on the ground, require careful preparation per manufacturer's instructions to ensure that moisture doesn't damage the system.</li> </ul>
<b>In-Ceiling Wiring</b> 	<ul style="list-style-type: none"> <li>Conduit and cables run in space above suspended ceiling and are distributed to frames by power and cable poles.</li> </ul>	<ul style="list-style-type: none"> <li>Low initial cost.</li> <li>Very easy to move.</li> <li>Little disruption during move.</li> <li>Space usually accommodates large capacities.</li> </ul>	<ul style="list-style-type: none"> <li>Power and cable poles used to route cables can detract from open-plan aesthetics.</li> </ul>	<ul style="list-style-type: none"> <li>Cost for installation increases when ceiling space is used as return air plenum to meet fire-protection codes.</li> <li>Ceiling-suspended cable trays should be considered for communications wiring.</li> </ul>



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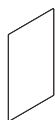
# Understanding Tiles

	
<b>Statement of Line</b>	<b>78</b>

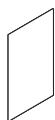
	
<b>Product Details</b>	
Enhanced Monolithic Tiles	<b>84</b>
Enhanced Tiles	<b>86</b>
Accessories	<b>89</b>

# Statement of Line

## Enhanced Monolithic Tiles



Tackable  
Acoustical  
Tile



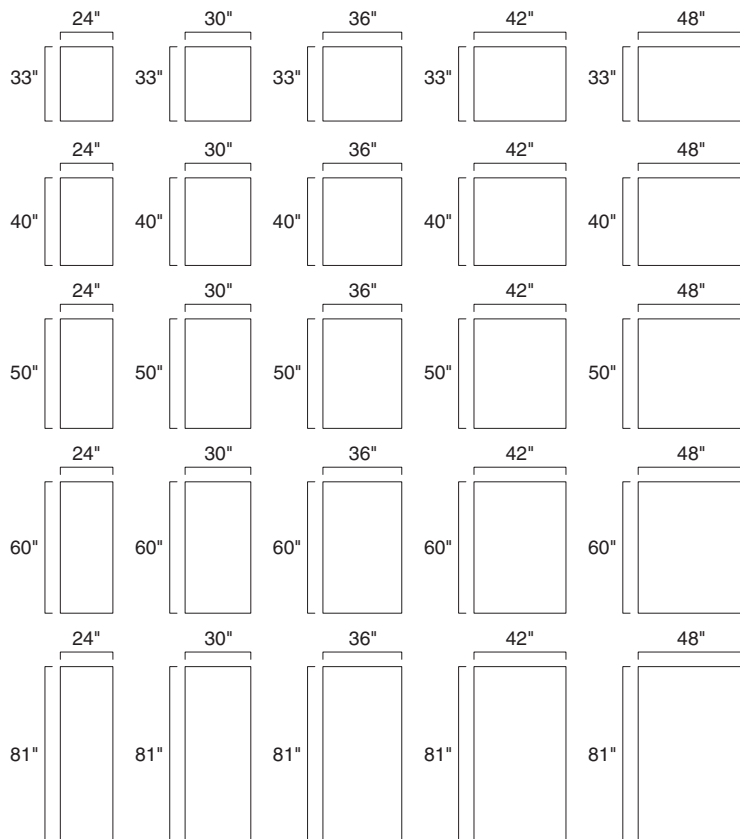
High-Performance  
Acoustical  
Tile



Wood  
Tile

## Enhanced Monolithic Tiles

Tackable  
Acoustical  
Tiles



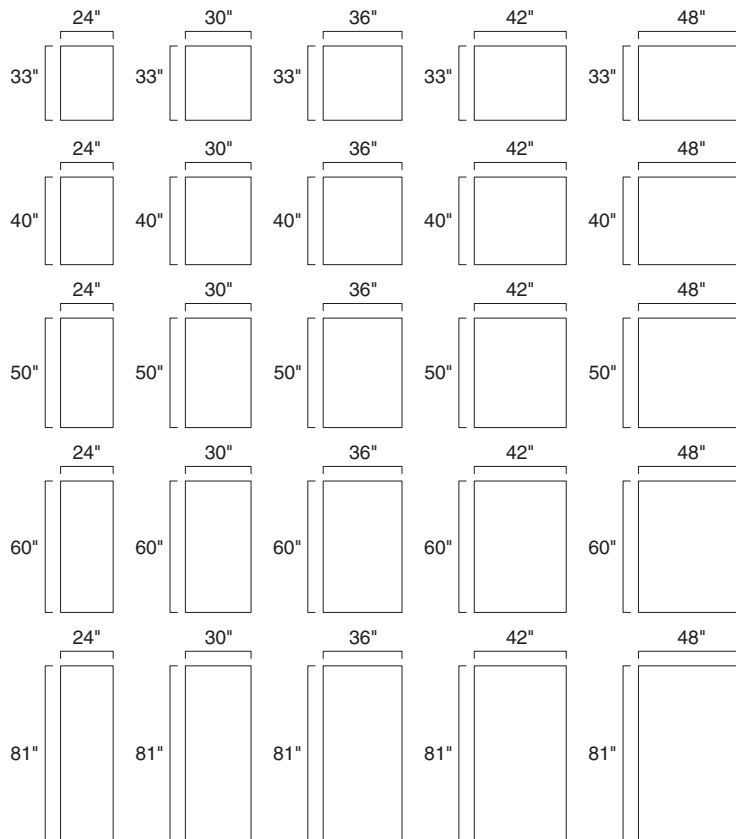
Understanding  
▶ Page 84  
Specifying  
▶ Pages 358–364

*Tip: Enhanced monolithic tiles can be used on enhanced monolithic frames only.*

Tile dimensions are nominal.

High-Performance  
Acoustical  
Tiles

Understanding  
 ▶ Page 84  
 Specifying  
 ▶ Pages 358–364

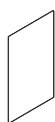


*Tip: Enhanced monolithic tiles can be used on enhanced monolithic frames only.*

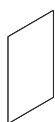
Tile dimensions are nominal.



## Statement of Line Enhanced Monolithic Tiles, continued



Tackable  
Acoustical  
Tile

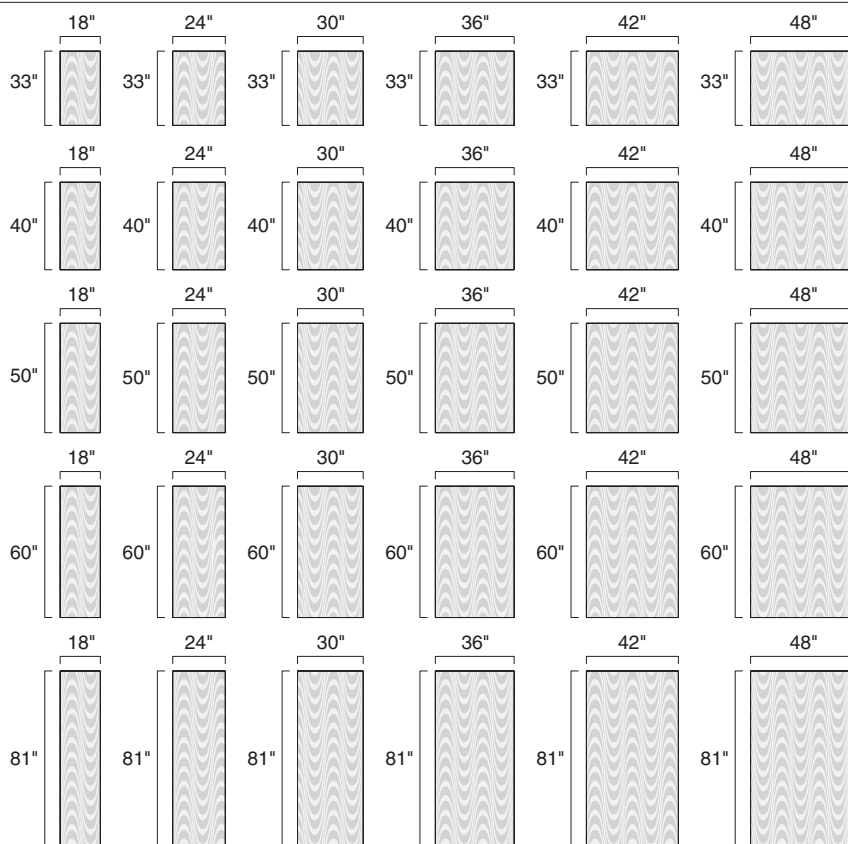


High-Performance  
Acoustical  
Tile



Wood  
Tile

Wood  
Tiles



Understanding  
 ▶ Page 84  
 Specifying  
 ▶ Pages 358–364

*Tip: Enhanced monolithic tiles can be used on enhanced monolithic frames only.*

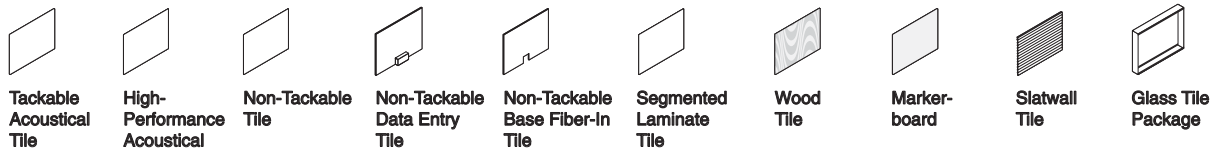
*Tip: Full to the floor enhanced monolithic wood tiles add 5" nominal to the height of the tile.*

Tile dimensions are nominal.



# Statement of Line

## Enhanced Tiles









## Enhanced Tiles

Tackable Acoustical Tiles	18"	24"	30"	36"	42"	48"	Tip: Enhanced tiles can be used on any enhanced frame, including monolithic frames, and any standard frames manufactured after July 2001. Exception: Enhanced slatwall tiles can be used on any standard frame regardless of manufacture dates.
10"	[ ]	10"	[ ]	10"	[ ]	10"	[ ]
13"	[ ]	13"	[ ]	13"	[ ]	13"	[ ]
20"	[ ]	20"	[ ]	20"	[ ]	20"	[ ]



















High-Performance Acoustical	18"	24"	30"	36"	42"	48"	Refer to compatibility tips. ▶ Page 304
10"	[ ]	10"	[ ]	10"	[ ]	10"	[ ]
13"	[ ]	13"	[ ]	13"	[ ]	13"	[ ]
20"	[ ]	20"	[ ]	20"	[ ]	20"	[ ]

Non-Tackable Tiles	18"	24"	30"	36"	42"	48"
	6" <input type="text"/>	6" <input type="text"/>	6" <input type="text"/>	6" <input type="text"/>	6" <input type="text"/>	6" <input type="text"/>
	10" <input type="text"/>	10" <input type="text"/>	10" <input type="text"/>	10" <input type="text"/>	10" <input type="text"/>	10" <input type="text"/>
	13" <input type="text"/>	13" <input type="text"/>	13" <input type="text"/>	13" <input type="text"/>	13" <input type="text"/>	13" <input type="text"/>
	20" <input type="text"/>	20" <input type="text"/>	20" <input type="text"/>	20" <input type="text"/>	20" <input type="text"/>	20" <input type="text"/>

Non-Tackable Data Entry Tiles	24"	30"	36"	42"	48"
20"	[ ]	20"	[ ]	20"	[ ]

Non-Tackable Base Fiber-In Tiles	18"	24"	30"	36"	42"	48"
20"						

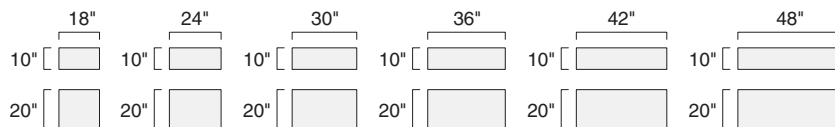
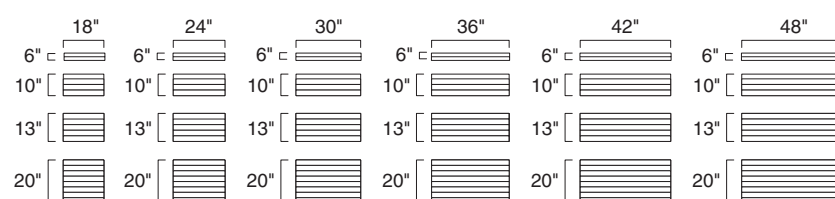
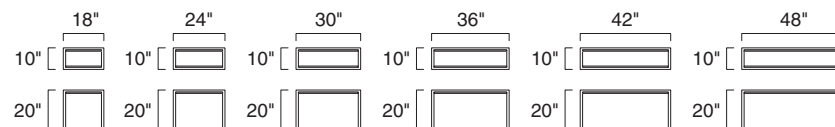
Segmented Laminate Tiles	18"	24"	30"	36"	42"	48"	Tip: Laminate woodgrain direction runs vertically.
10"	[ ]	10"	[ ]	10"	[ ]	10"	[ ]
13"	[ ]	13"	[ ]	13"	[ ]	13"	[ ]
20"	[ ]	20"	[ ]	20"	[ ]	20"	[ ]

Wood Tiles	18"	24"	30"	36"	42"	48"
	10" 	10" 	10" 	10" 	10" 	10" 
	13" 	13" 	13" 	13" 	13" 	13" 
	20" 	20" 	20" 	20" 	20" 	20" 

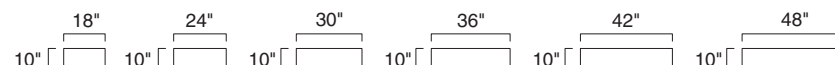
Tile dimensions are nominal.

Understanding  
 ▶ Page 86  
 Specifying  
 ▶ Pages 364–374

## Markerboard

Slatwall  
TilesGlass Tile  
Packages

Refer to compatibility tips.  
 ▶ Page 304

Pocket Door  
Glass Tile  
PackagesFrameless  
Glass Stacker

Refer to compatibility tips.  
 ▶ Page 304

*Tip: Enhanced tiles can be used on any enhanced frame, including monolithic frames, and any standard frames manufactured after July 2001.*

*Exception: Enhanced slatwall tiles can be used on any standard frame regardless of manufacture dates.*

# Enhanced Monolithic Tiles

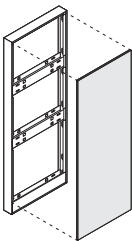
**Enhanced monolithic tiles** cover the entire surface of the enhanced monolithic frames to provide a different aesthetic from segmented tiles.  
► Specifying, pages 358–363

**Tackable acoustical tiles** provide a tackable, fabric-covered surface and absorb sound.

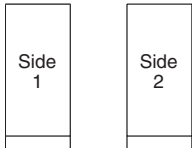
**High-performance acoustical tiles** provide a tackable, fabric-covered surface and offer enhanced sound absorption.

**Wood tiles** are non-tackable. Grain of wood veneer runs vertically.

## Product Details

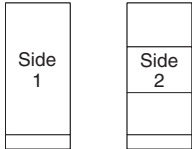


**Enhanced monolithic tiles** can be used on enhanced monolithic frames only.



Enhanced Monolithic Tile

Enhanced Monolithic Tile



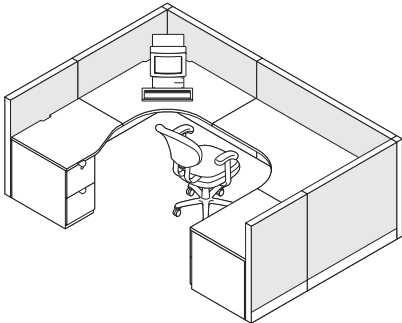
Enhanced Monolithic Tile

Segmented Tiles

**Enhanced monolithic frames** can accept an enhanced monolithic tile on both sides or an enhanced monolithic tile on side one and any segmented tiles with or without desk-height cavity cover on side two.  
*Tip: Monolithic wood tiles cannot be installed over a desk cavity with Chicago hardwire junction boxes installed.*

## Actual Dimensions

Width	17 <sup>3</sup> / <sub>8</sub> ", 23 <sup>3</sup> / <sub>8</sub> ", 29 <sup>3</sup> / <sub>8</sub> ", 35 <sup>3</sup> / <sub>8</sub> ", 41 <sup>3</sup> / <sub>8</sub> ", or 47 <sup>3</sup> / <sub>8</sub> "
Height	33 <sup>3</sup> / <sub>8</sub> ", 40 <sup>7</sup> / <sub>8</sub> ", 51 <sup>3</sup> / <sub>16</sub> ", 61 <sup>9</sup> / <sub>16</sub> ", or 82 <sup>3</sup> / <sub>16</sub> "



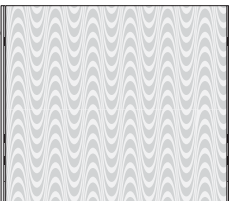


Enhanced Monolithic  
Full To The Floor Wood Tile

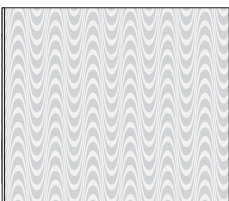
**Full to the floor enhanced monolithic wood tiles** extend all the way to the bottom of the frame.

*Tip: Base covers cannot install on side of frame with full to the floor tiles.*

**Horizontal trim** must be ordered separately for use on full to the floor enhanced monolithic wood tiles. This trim provides a painted reveal at the bottom of the tile and is required to provide additional attachment of the tile to the frame. Trim is available in paint finishes to match the frames.

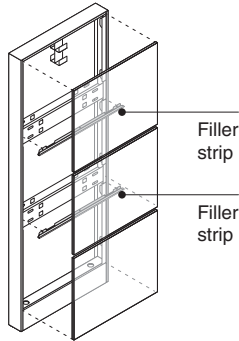


Standard Width Wood Tile

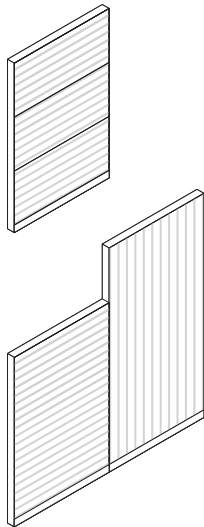


Full Width Wood Tile

**Full width option on enhanced monolithic wood tiles** minimizes the gap between the edge of the tile and the edge of the frame. Full width tiles cover the majority of the slot in the frame vertically, thus hang on components are not allowed. Vertical slot covers should still be considered on light colored frames to ensure slot is not visible.



**Horizontal filler strip** must be added to the enhanced monolithic frame in each location where tile segmentation occurs. The filler strip is field installed and placed between two tiles on a frame. The filler strip provides the same aesthetic as an enhanced standard frame with segmentation.  
▶ Page 19



**Standard fabric direction** on Montage tiles 60"H or less is warp horizontal; warp vertical direction is available as an option. Fabric direction on tiles 81"H is warp vertical only.  
▶ See *Specification Guidelines for Directional Fabric Applications*, page 614.

## Wiring & Cabling

**Monolithic tackable acoustical, high-performance acoustical, and wood tiles** cannot be field-cut to access power/data.

## Surface Materials

### Tackable acoustical tile

- Fabric

### High-performance acoustical tile

- Fabric

### Wood tile

- Wood
- Customiz stain

## Application Topics

### Acoustic Guidelines

- ▶ Page 53

# Enhanced Tiles

**Tiles** finish the surface of structures built of frames.  
► Specifying, pages 364–374

**Tackable acoustical tiles** provide a tackable, fabric-covered surface.

**High-performance acoustical tiles** offer enhanced sound absorption and are tackable.

**Laminate tiles** are decorative and non-tackable.

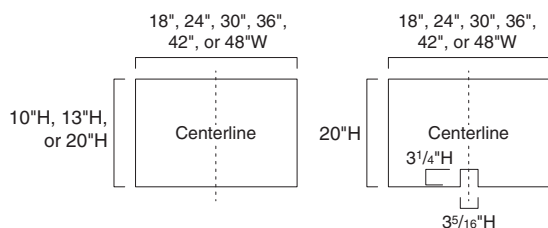
**Slatwall tiles** have horizontal channels that accommodate organizers and accessories.

**Slatwall worktools** can be installed and rearranged at any time by user.

**Non-tackable tile with cutout** accommodates a base fiber-in.

**Non-tackable data entry tile** manages cables into the Montage panel system.

**Non-tackable data termination tile** has only one data opening for either Nema or Decora. This data opening is located in one of six possible locations.



## Actual Dimensions

### Tile

Width	17 <sup>3</sup> / <sub>8</sub> ", 23 <sup>7</sup> / <sub>8</sub> ", 29 <sup>3</sup> / <sub>8</sub> ", 35 <sup>3</sup> / <sub>8</sub> ", 41 <sup>3</sup> / <sub>8</sub> ", or 47 <sup>3</sup> / <sub>8</sub> "
Height	9 <sup>7</sup> / <sub>8</sub> ", 12 <sup>5</sup> / <sub>8</sub> ", or 20 <sup>3</sup> / <sub>16</sub> "

### Conduit

Outside diameter	1"
Inside diameter	3/4"
Length	6'

**Non-tackable tiles** can be painted, patterned, or fabric covered.

**Wood tiles** are non-tackable. Grain of wood veneer runs vertically.

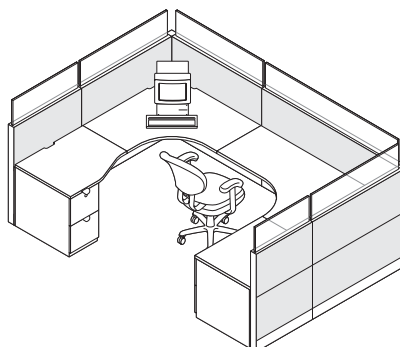
**Markerboard tiles** can be used with dry-erase markers and magnets will adhere to the surface.

**Glass tile package** trims the exposed interior surfaces of a 10"H or 20"H frame and includes two sheets of tempered glass.

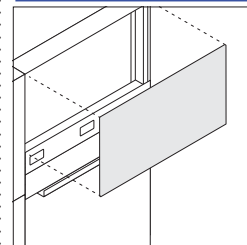
**Frameless glass stacker** is 1/2" integral glass that extends from top of Montage frame.  
*Note: Glass tiles manufactured before 6/1/2010 are visually different than tiles produced after that date.*

*Tip: Enhanced tiles can be used on any enhanced frame, including monolithic frames, and any standard frames manufactured after July 2001.*  
*Exception: Enhanced slatwall tiles can be used on any standard frame regardless of manufacture dates.*  
*Refer to compatibility tips.*  
► Page 304

*Tip: The cutout and box cover on 23<sup>7</sup>/<sub>8</sub>"W tiles is 4" to the right of center. The cutout and box cover on 29<sup>3</sup>/<sub>8</sub>"W tiles is 7" to the right of center.*



## Product Details

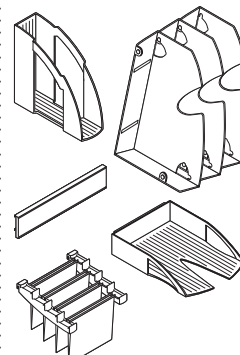


**13"H tiles** allow space below to install a desk-height cavity cover and tray. 20"H tiles fill the entire frame.

**High-performance acoustical tiles**, when used in back-to-back applications, minimize cable capacity available.

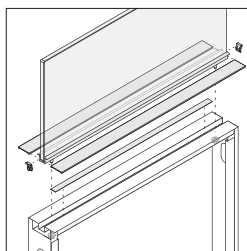
**Standard fabric direction** on Montage tiles 60"H or less is warp horizontal; warp vertical direction is available as an option. Fabric direction on tiles 81"H is warp vertical only.

► See *Specification Guidelines for Directional Fabric Applications*, page 614.



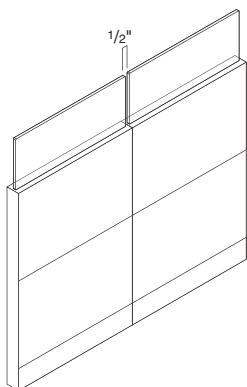
**Worktools** are available in different forms for use on slatwall tiles.

► For additional information refer to *Steelcase Worktools Specification Guide*.

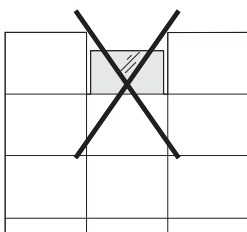


**Frameless glass stacker** is centered along the top of the Montage frame. Glass and top cap are assembled during installation. No special tools required. Refer to compatibility tips.

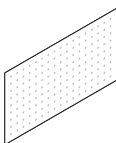
► Page 304



Between adjacent glass, there is a 1/2" gap. Height aligns with a 10"H stacker frame. In-line change-of-height end trims must be painted version when used beside frameless glass.



*Tip: Frameless glass stacker cannot be installed between two taller frames.*



**Patterned tiles** are available in one pattern density. Numbers are used to designate the number of holes in each 2"W x 1 3/8"H area. Tiles are painted steel.



Cross-section through indented tile



Cross-section through dome tile



**Indented and dome tiles** are available in one pattern. Indents are 0.125" diameter. Indented tiles are 10"H, 13"H, or 20"H and are painted steel.

*Tip: Off-module connection cannot be done over dome tiles.*

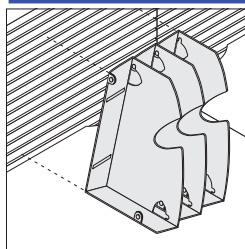
*Tip: Power and cable cannot be routed behind perforated tiles.*

**Glass tiles** are available in a clear or frosted finish. The use of glass on the spine wall is limited to one row in an off-modular connection.

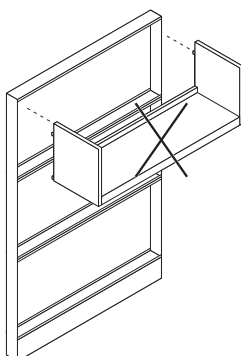
**Pocket door frames** will only accept glass tiles for pocket doors.

*Note: Glass tiles manufactured before 6/1/2010 are visually different than tiles produced after that date.*

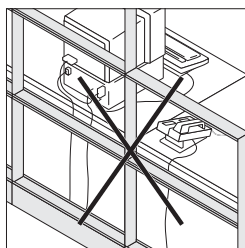
## Connections



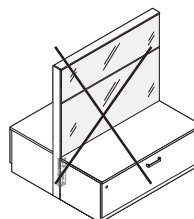
**Slatwall worktools** slide into channels in the slatwall tile.



**Overhead storage components** cannot be attached to frames with glass tiles.

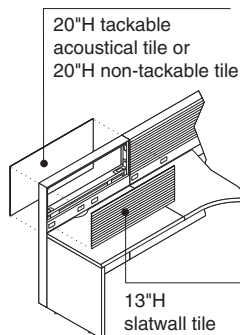


**Glass tiles** cannot be used with worksurfaces because glass prevents the use of cantilevers and worksurface supports.



**Storage-to-panel connectors** cannot be attached to Montage frames with glass tiles.

**Fabric-covered tiles** that have fabric over 0.035" thick should not be used where off-module connections are made. Fabric-covered tiles 0.035" thick or more will prevent the off-module brackets from attaching to tiles. Regatta vertical surface fabrics are too thick for these off-module connections.

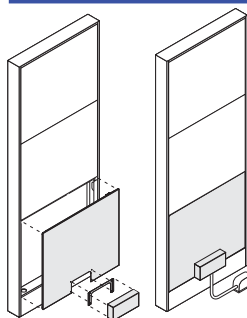


**20"H slatwall, perforated, and HPTA tiles** cannot be installed to cover up a desk-height cavity. In applications where you want to have desk-height power on only one side of the frame, use 20"H tackable acoustical or 20"H non-tackable tile on opposite side.

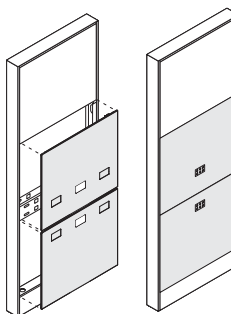
**Wood and laminate tiles** cannot be installed to cover up a desk cavity with Chicago hardware junction boxes installed.

**6"H slatwall and non-tackable tiles** are available to install above a desk-height cavity installed in a 38"H base frame.

## Wiring & Cabling

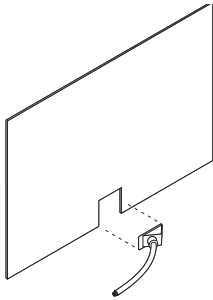


**Data entry tiles** manage cables into the panel system. Cables enter through the opening and the box cover slides down over the top. Data cables enter the frame above the base cavity.

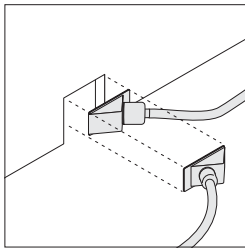


**Data termination tile** openings depend upon the placement of the tile. If the tile is used above worksurface, only the three lower cutouts are possible options for the one data opening. If the tile is used below worksurface, only the three upper cutouts are possible options for the one data opening.





**Base fiber-in** allows fiber-optic cables to enter the base on frames at an angle so that the fiber-optic cable isn't forced to form a tight radius which could damage the cable. This cable-in also accommodates conventional cables.



**Wedge-shaped connector** can be oriented in either direction.

**Base fiber-in** is positioned above base cavity of frame and doesn't obstruct any receptacle locations.

**Inside diameter** of conduit is  $\frac{3}{4}$ ". In situations where capacity is critical, you should conduct a test using the specific cable types your installation requires.

## Surface Materials

### Tackable acoustical tile

- Fabric

### High-performance acoustical tile

- Fabric

### Non-tackable tile

- Paint
- Fabric

### Non-tackable tile with cutout for base fiber-in

- Paint
- Fabric

### Laminate tile

- Laminate (standard)
- Customer's own laminate (optional)

### Wood tile

- Wood
- Customiz stain

### Markerboard tile

- White markerboard laminate only

### Slatwall tile

- Paint

### Glass tile

- Clear glass insert (standard)
- Frosted glass insert (optional)

### Interior trim of glass tile

- 6000 Black plastic
- 6659 Light Grey plastic

### Conduit for base fiber-in

- Black plastic only

### Wedge-shaped connector for base fiber-in

- Black plastic only

### Mounting bracket for base fiber-in

- Black paint only

## Application Topics

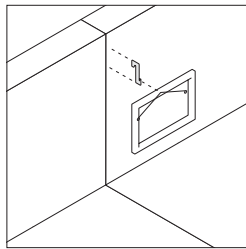
### Acoustic Guidelines

► Page 53

## Art Hook



► Specifying, page 375



### Product Details

**Supports** pictures or other objects that are suspended by cable.

### Surface Materials

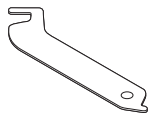
**Art hook**  
• Black only

### Actual Dimensions

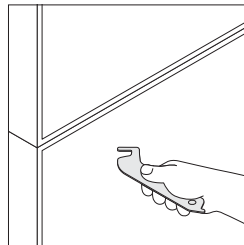
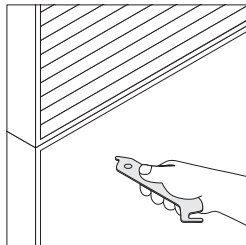
Depth 1 1/64"

Height 1 5/8"

## Enhanced Tile Removal Tool



► Specifying, page 375



### Product Details

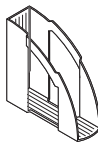
**Allows** enhanced tiles and slatwalls to be easily removed after they are installed on a frame.

## Slatwall/SlatRail Worktools

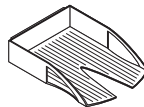
*Tip: Worktools are available for use on Montage slatwall tiles.*

► For additional information, refer to *Steelcase Worktools Specification Guide*.

*Tip: These slatwall/slatrail worktools **cannot** be used on Montage worktool rail tiles specified prior to January 1997. Old Montage worktool accessories **cannot** be used on the current slatwall tiles.*



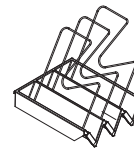
**Binder Holder**



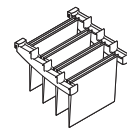
**Letter Tray**



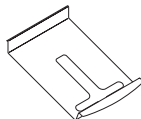
**Universal Shelf**



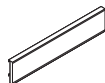
**PaperFlo Manager**



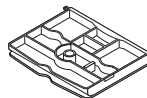
**Hanging Brackets**



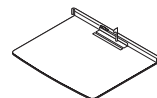
**Telephone Caddy**



**TackStrip**



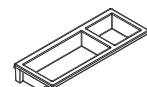
**Office in a File**



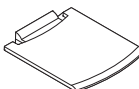
**Workboard**



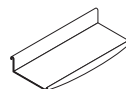
**Pencil Cup**



**Double Square Dish**



**Mini Shelf**



**Personal Shelf**



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# Understanding Counterweights

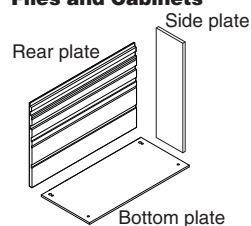
<b>Counterweights</b>	<b>206</b>
<b>Counterweight Requirements for Storage Products</b>	<b>207</b>

# Counterweights

**Counterweight packages** are required to ensure product stability and are ordered as an option or separately. Product specification pages indicate the correct counterweight package for each style number and any exceptions where counterweights are not required.

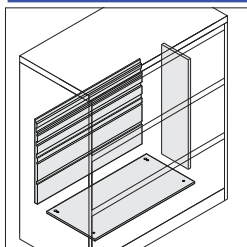
► See *Counterweight Requirements for Storage Products*, page 207.

## Counterweight Packages for Lateral Files and Cabinets



► Specifying, page 568

### Product Details



### Surface Materials

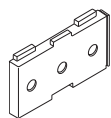
**Counterweight plates**

- Black only

### Actual Dimensions

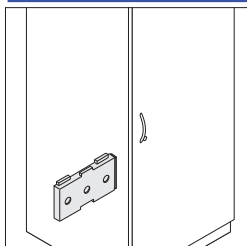
Depth	3 <sup>1</sup> / <sub>8</sub> " or 2 <sup>3</sup> / <sub>8</sub> "
Width	25 <sup>1</sup> / <sub>2</sub> "
Height	18"

## Counterweight Package for Towers and Workstation Verticals



► Specifying, page 568

### Product Details



### Surface Materials

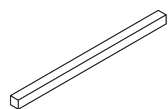
**Counterweight**

- Black only

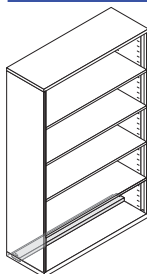
### Actual Dimensions

Depth	1 <sup>1</sup> / <sub>4</sub> "
Width	12"
Height	1 <sup>1</sup> / <sub>4</sub> "

## Counterweight Packages for Bookcases



### Product Details



**Counterweight packages** attach to the inside of the bottom shelf. A cover is included to conceal the counterweight.

### Surface Materials

**Counterweight**

- Black

**Cover**

- Paint

### Actual Dimensions

Counterweight	
Depth	1 <sup>1</sup> / <sub>4</sub> "
Width	19", 25", 31", or 37"
Height	1 <sup>1</sup> / <sub>4</sub> "
Cover	
Depth	1 <sup>3</sup> / <sub>8</sub> "
Width	23 <sup>3</sup> / <sub>4</sub> ", 29 <sup>3</sup> / <sub>4</sub> ", 35 <sup>3</sup> / <sub>4</sub> ", 41 <sup>3</sup> / <sub>4</sub> "
Height	1 <sup>1</sup> / <sub>4</sub> "

# Counterweight Requirements for Storage Products

Counterweight  
Requirements for  
Storage Products

## ⚠ WARNING

Follow these requirements to reduce the risk of storage products tipping and causing injury.

### Requirements for Lateral Files, Towers, Workstation Verticals, Cabinets, and Bookcases Applications

#### Specification Information

Dimensions		W	H	Counterweight Package	Style Number
D					
Flush Steel Front	Proud Steel/ Wood				

#### Three 12"H Drawers

18"	18 <sup>7</sup> / <sub>8</sub> "	30"	40"	Package 3	<b>RLF18303_</b>
18"	18 <sup>7</sup> / <sub>8</sub> "	36"	40"	Package 3	<b>RLF18363_</b>
18"	18 <sup>7</sup> / <sub>8</sub> "	42"	40"	Package 3	<b>RLF18423_</b>
23 <sup>1</sup> / <sub>8</sub> "	24"	30"	40"	Package 2	<b>RLF24303_</b>
23 <sup>1</sup> / <sub>8</sub> "	24"	36"	40"	Package 2	<b>RLF24363_</b>

**Product specification pages** indicate proper counterweight package for each style number.

#### Specification Information

Dimensions		W	H	Counterweight Package	Style Number
D					
Flush Steel Front	Proud Steel/ Wood Front				

#### 65<sup>1</sup>/<sub>2</sub>"H Tower with Door Hinged on Left, continued

#### Partition with Coat Rod, Two Adjustable Shelves, One Fixed Shelf, and

23 <sup>1</sup> / <sub>8</sub> "	24"	24"	65 <sup>1</sup> / <sub>2</sub> "	Not required	<b>RFF24245LW_</b>
----------------------------------	-----	-----	----------------------------------	--------------	--------------------

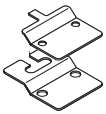
**If a counterweight** is not required in any condition for a particular style number, the product specification page will indicate not required.

Counterweights

### Requirements for Freestanding Applications

Counterweights are required as shown in the product specification pages unless any of the following conditions are met:

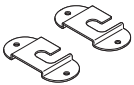
1. Counterweights are not required for lateral files, towers, workstation verticals, cabinets, and bookcases anchored to the floor.



**Floor anchor bracket (for TS Series Storage, TS 200 Series Storage, 900 Series Storage, 800 Series Storage and Universal Storage with 3" base)** secures lateral files, towers, workstation verticals, cabinets, or bookcases to the floor for stability or to reduce the risk of hazards during earthquakes in seismic zones. Four bracket packages are required for each cabinet.

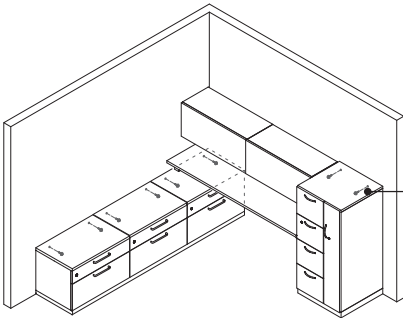
*Note: Local seismic requirements vary. Compliance with local code requirements is the responsibility of the customer or their authorized agent. For a California Office of Statewide Health Planning and Development (OSHPD) approved anchor bracket, contact Steelcase Specials.*

*Tip: Anchor bracket cannot be used with pedestals.*



Floor anchor brackets for Universal with FrameOne foot secure lateral files and towers to the floor for stability or in seismic zones to reduce the risk of hazards during earthquakes.

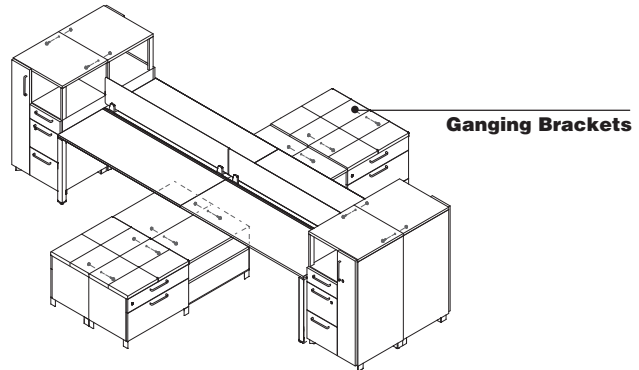
*Note: Local seismic requirements vary. Compliance with local code requirements is the responsibility of the customer or their authorized agent.*



**Wall Anchors**

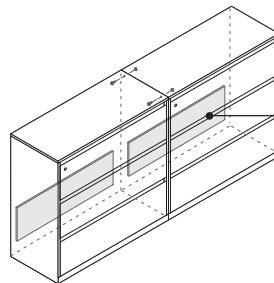
2. Counterweights are not required for lateral files, towers, workstation verticals, cabinets, and bookcases anchored to the wall.

For wall anchoring of lateral files, towers, workstation verticals, cabinets and bookcases, consult with the building's designated design professional (architect or engineer) and work with local codes authorities for approvals to ensure adequate support when product is fully loaded.



3. Counterweights are not required for lateral files, towers, workstation verticals, cabinets, and bookcases ganged back-to-back with ganging hardware.

TS Series towers which do not include ganging hardware, order **8425808SR** from Service Parts.



**Counterweights**

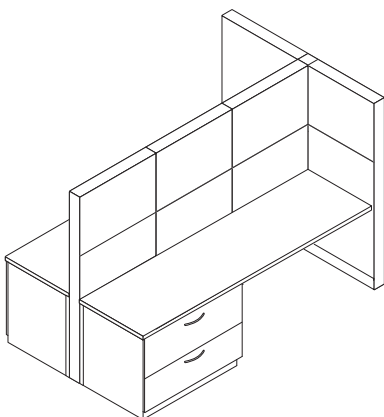
Units ganged side-by-side **require** counterweights.

## Requirements for Panel Applications

Panel stability guidelines must be met prior to determining counterweight requirements.

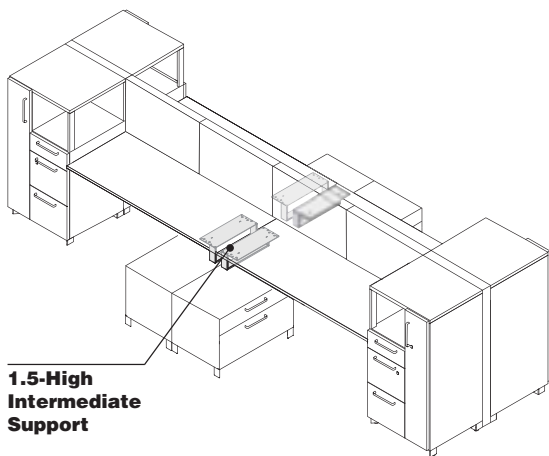
► See *Panel Stability Guidelines* in the appropriate panel specification guide. (Storage may support panel stability)

Counterweights are required as shown in the product specification pages unless any of the following conditions are met:



1. Counterweights are not required for Two Drawer lateral files installed right below a worksurface attached to the panel system when the application is mirrored back-to-back (a two-pack minimum).

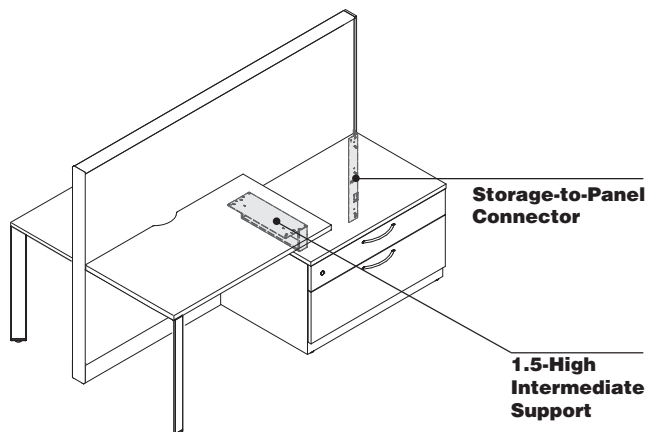
TS Series underworksurface lateral files are only intended for use under a panel-mounted worksurface and cannot be used as freestanding.



**1.5-High  
Intermediate  
Support**

2. Counterweights are not required for One-High and 1.5-High lateral files and cabinets used with an intermediate support, when the application is mirrored back-to-back (a two-pack minimum).

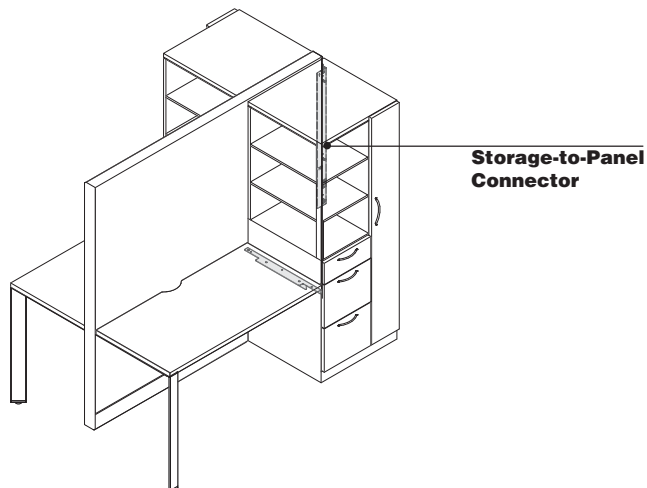
*Note: This includes storage either perpendicular or parallel to the panel.*



**Storage-to-Panel  
Connector**

**1.5-High  
Intermediate  
Support**

3. Counterweights are not required for One-High, 1.5-High, and Two Drawer lateral files and cabinets used with a storage-to-panel bracket to support the panel run if the application is mirrored back-to-back (a two-pack minimum) and the panel run is equal to or greater than 6'.



**Storage-to-Panel  
Connector**

4. Counterweights are not required for towers used with a storage-to-panel connector to support the panel run, if the application is mirrored back-to-back (a two-pack minimum) and the panel is equal to or greater than 5'.

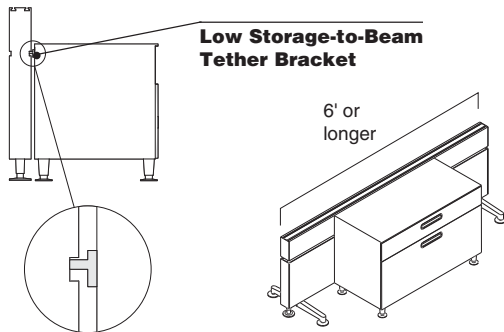


### Requirements for c:scape Tethered Applications

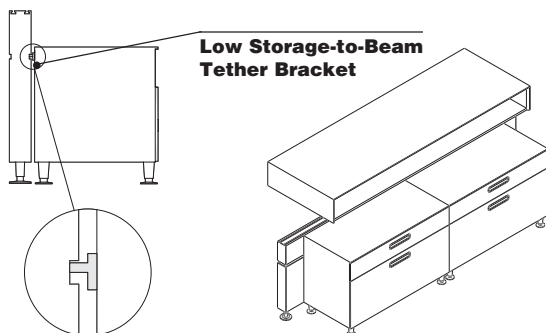
c:scape stability guidelines must be met prior to determining counterweight requirements.

► See *c:scape Stability Guidelines* in the *c:scape Specification Guide*.

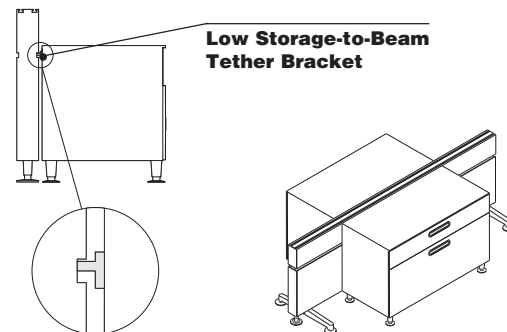
Counterweights are required as shown in the product specification pages unless any of the following conditions are met:



1. Counterweights are not required for a 1- and 1½-High lateral files and low storage 48"W or smaller tethered to a c:scape beam when the beam width is 6' or larger.



2. Counterweights are not required for 1- and 1½-High lateral files and low storage tethered to a c:scape beam when the beam has mid storage mounted parallel and the beam length is equal to or greater than the combined low storage width.



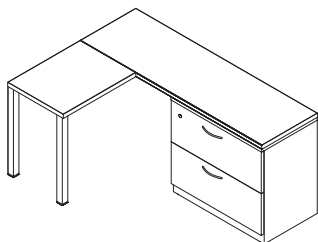
3. Counterweights are not required for 1- and 1½-High lateral files or low storage tethered to a c:scape beam when the storage is the same size and mirrored back-to-back on both sides of the beam.

## Requirements for Answer Freestanding Desk Applications

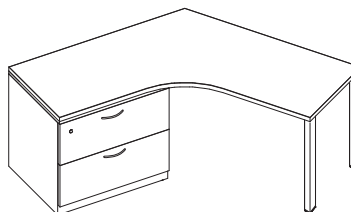
Answer Freestanding Desk guidelines must be met prior to determining counterweight requirements.

► See *Answer Freestanding Desk Stability Guidelines* in the *Answer Freestanding Specification Guide*.

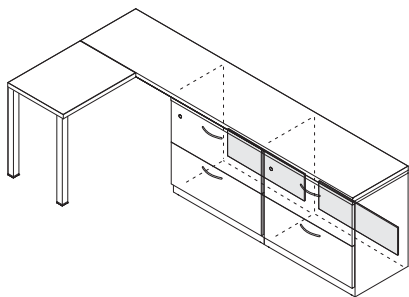
Counterweights are required as shown in the product specification pages unless any of the following conditions are met:



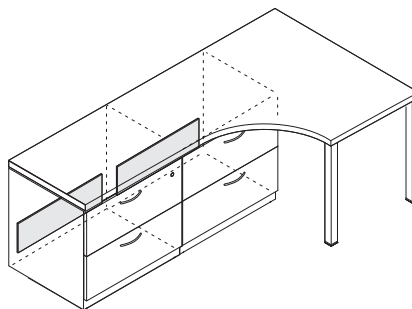
1. A counterweight is not required for a single Two Drawer lateral file attached to desks connected in an L-configuration.



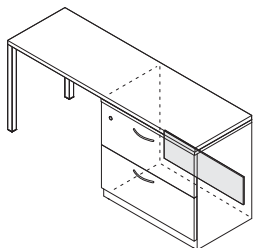
2. A counterweight is not required for a single Two Drawer lateral file attached to a desk made with corner, extended corner, or 120 degree corner worksurfaces.



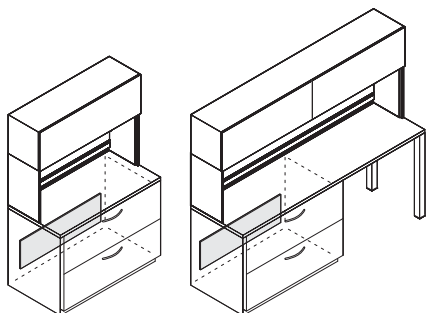
L-configurations with two or more lateral files **require** counterweights in each file.



Configurations with two or more lateral files **require** counterweights in each file.



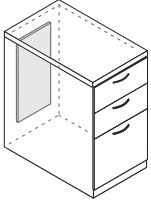
Counterweights are **required** for all lateral files in stand-alone desk or credenza applications.



Hutch kit applications with lateral files always **require** counterweights in the lateral files.

### Requirements for Pedestals in Freestanding Applications

Counterweights are required for all freestanding applications.



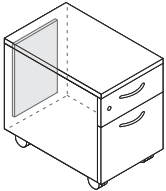
1. Universal fixed pedestals converted to freestanding pedestals require a counterweight and drawer interlock system.

Universal fixed to freestanding pedestal conversion kit includes 1/8"H steel top, counterweight package, and drawer interlock system.

Fixed pedestals, converted to freestanding with a laminate or veneer top, require a counterweight and drawer interlock system. Drawer interlock system is available from service parts.

TS Series fixed pedestals are only intended for use under a panel-mounted worksurface and cannot be converted to freestanding.

Laminate fixed pedestals can never be freestanding.



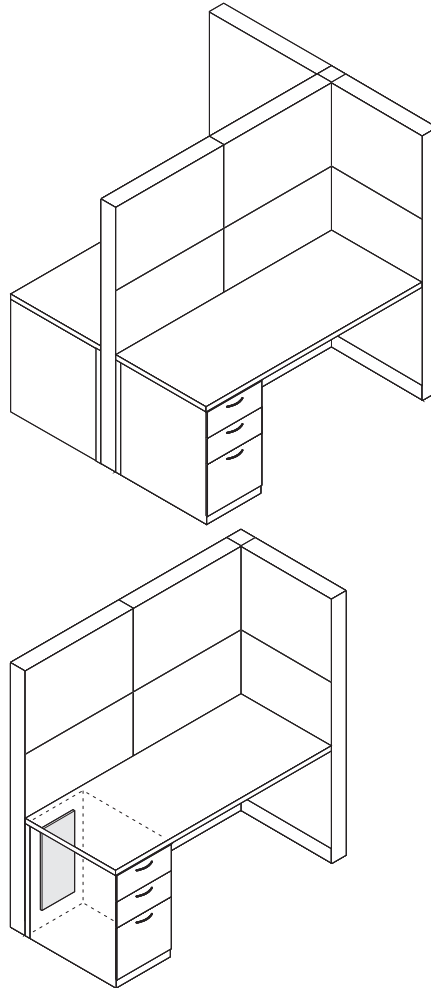
2. Mobile pedestals include counterweight and drawer interlock system as standard.

### Requirements for Pedestals in Panel Applications

Panel stability guidelines must be met prior to determining counterweight requirements.

► See *Panel Stability Guidelines* in the appropriate panel specification guide.

Counterweights are required as shown in the product specification pages unless any of the following conditions are met:



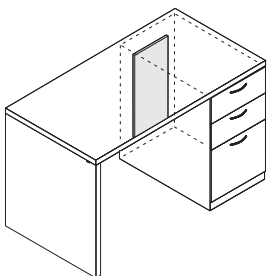
Counterweights are not required for fixed pedestals installed below a worksurface attached in a panel spine application. Single workstation applications **require** a counterweight in each pedestal.

## Requirements for Pedestals in Answer Freestanding Desk Applications

Answer Freestanding Desk guidelines must be met prior to determining counterweight requirements.

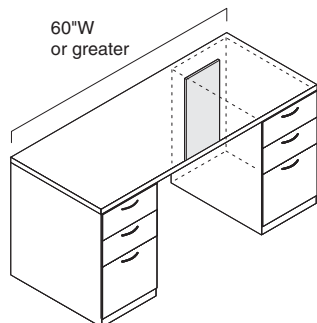
► See *Answer Freestanding Desk Stability Guidelines* in the *Answer Freestanding Specification Guide*.

Counterweights are required as shown in the product specification pages unless any of the following conditions are met:

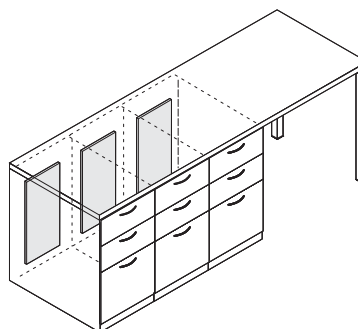
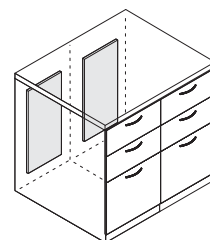
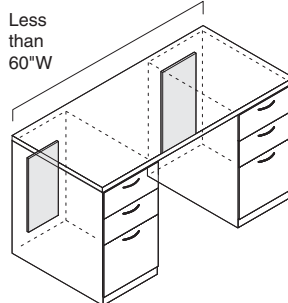


1. Single pedestal desks less than 48"W require a counterweight and an interlock. Single pedestal desks with 30"D pedestals require a counterweight and interlock.

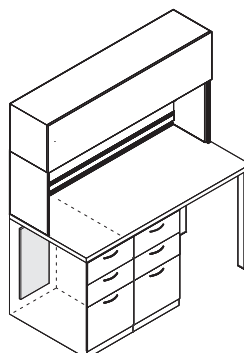
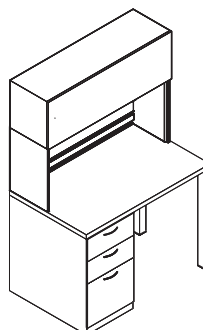
*Tip: Interlock is available as a service part for Universal pedestals, 1043575SR for box/box/file and file/file configurations.*



2. Double pedestal desks 60"W and wider only require one pedestal with counterweight.

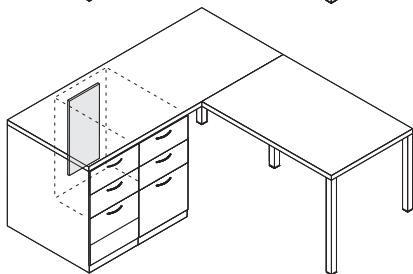
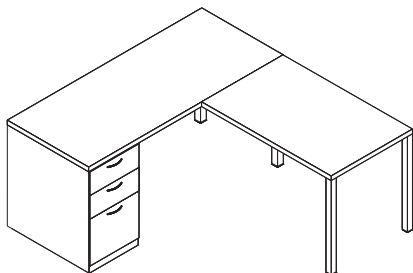


All other desk applications with multiple pedestals **require** a counterweight for each pedestal.

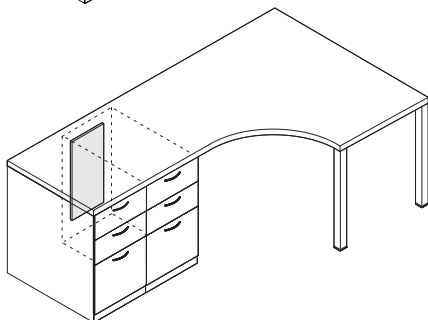
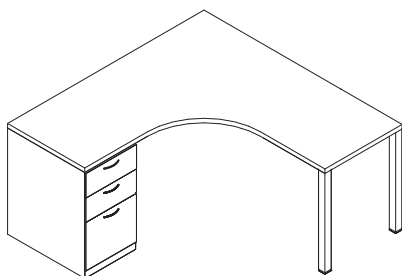


3. Counterweights are not required for a single fixed pedestal in desk with hutch kit applications. Any additional pedestals within the application **require** counterweights.

**Requirements for Pedestals in Answer Freestanding Desk Applications, continued**



4. A counterweight is not required for a single fixed pedestal attached to a desk attached to another worksurface in an L-configuration. Any additional pedestals within the application require counterweights.



5. A counterweight is not required for a single fixed pedestal attached to desks made with corner, extended corner, or 120 degree corner worksurfaces. Any additional pedestals within the application require counterweights.

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# Understanding Universal Steel Storage Products

	
Statement of Line	216

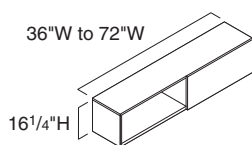


Universal Sliding Door Bins	224
Universal Over the Case and In The Case Bins	228
Dimensions for Custom Field-Installed Picture Frame Door Inserts	231
Hutch Kits	232
Universal Shelves	234
Dividers	236
Horizontal Wall Attachment Brackets	237
Slim Shelves	238
Bracket Application Rules for Bins and Shelves	240

# Statement of Line

Universal Storage Products

For the full Universal Storage offering and the Storage Products Style Number Conversion List, see Storage Specification Guide.

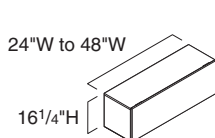


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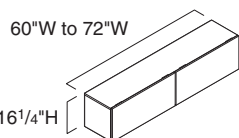
## Universal Sliding Door Bins

For Use with Montage

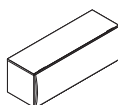
	36"W	42"W	48"W	60"W	66"W	72"W
15¾"D	•	•	•	•	•	•



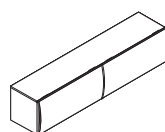
Flat Steel or  
Wood Front



Flat Steel or  
Wood Front



Radius Steel Front



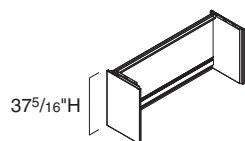
Understanding  
 ▶ Pages 228  
 Specifying  
 ▶ Page 512

## Universal Over the Case and In the Case Bins with Flat, Radius, and Wood Flat Fronts

For Use with Montage

	24"W	30"W	36"W	42"W	48"W	60"W	66"W	72"W
15¾"D	•	•	•	•	•	•	•	•

For the full Universal Storage offering and the Storage Products Style Number Conversion List, see Storage Specification Guide.

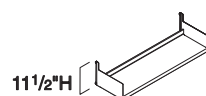


Understanding  
▶ Page 232  
Specifying  
▶ Page 516

## Hutch Kits

For Use with Universal Sliding Door Bins, Universal Over the Case Bins, and Universal In The Case Bins

	24"W	30"W	36"W	42"W	48"W	60"W	66"W	72"W
14 <sup>7</sup> / <sub>8</sub> "D	●	●	●	●	●	●	●	●

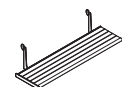


Understanding  
▶ Page 234  
Specifying  
▶ Page 519

## Universal Shelves

For Use with Montage

	24"W	30"W	36"W	42"W	48"W	60"W	72"W
14 <sup>3</sup> / <sub>4</sub> "D	●	●	●	●	●	●	●



Understanding  
▶ Page 239  
Specifying  
▶ Page 525

## Slim Shelves

	24"W	30"W	36"W	42"W	48"W	60"W	72"W	96"W
6"D	●	●	●	●	●	●	●	●

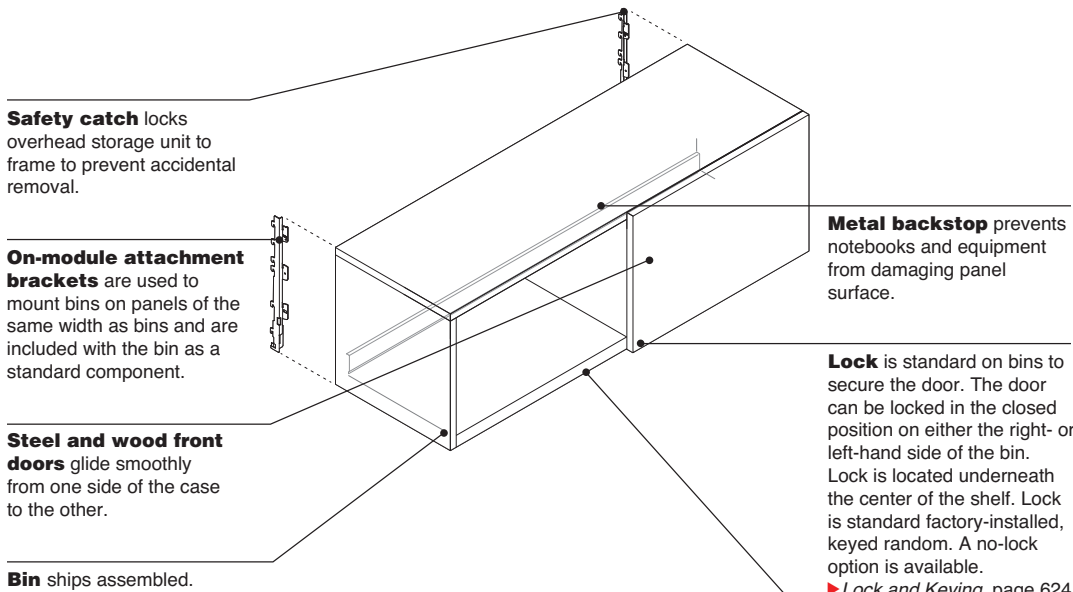


# Universal Sliding Door Bins

For Use with Montage

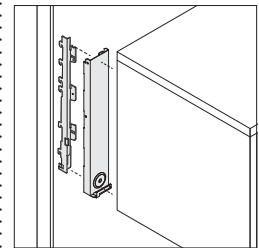
**Universal sliding door bins**, attach to panels with an on-module bracket and provide overhead storage in the work space. Door is available in steel or wood.

► Specifying, page 510



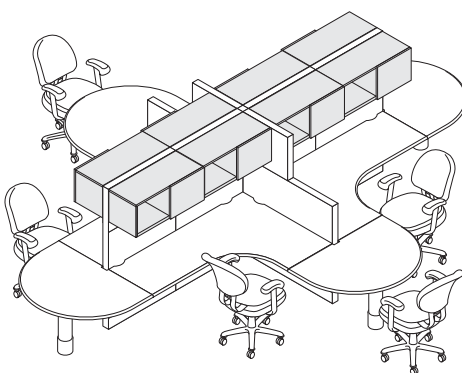
## Product Details

**On-module attachment brackets** are independent of the storage bin and unique to the panel system they are used on. If the storage bin needs to be attached to a different panel in the future, additional on-module attachment brackets can be purchased through Service Parts.



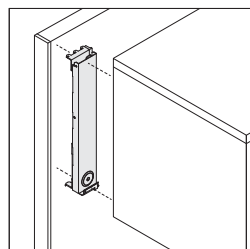
**Vertical off-module brackets**, optional, can be used to mount one or two sides of an overhead bin off-module on Answer, Kick, Series 9000, Avenir, and Montage with vertical slot patterned panels. To mount an overhead bin with one side off-module, specify with one vertical off-module bracket. To mount an overhead bin with two sides off-module, specify with two vertical off-module brackets. Both of these brackets attach to the on-module bracket that comes standard with the overhead bin.

**Vertical off-module brackets** are used with bins up to 12" wider than the panel, allowing them to overhang the panel seam.



## Actual Dimensions

Depth	15 <sup>3</sup> / <sub>4</sub> "
Width	36", 42", 48", 60", 66", and 72"
Height	16 <sup>1</sup> / <sub>4</sub> "



**Horizontal off-module brackets**, optional, accommodate off-module installations of overhead bins on all widths of Montage enhanced off-module panels.

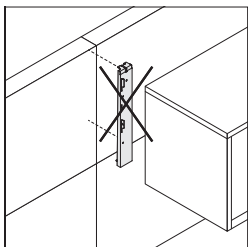
*Tip: Maximum width for a horizontal off-module bin that is mounted on an enhanced off-module Montage panel is 48"W.*

*Tip: Horizontal off-module brackets push bin out from panel 5/8" on enhanced off-module Montage panel.*

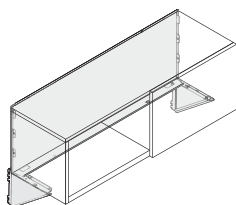
*Tip: Only two pairs of off-module brackets and associated storage can be mounted per frame.*

*Tip: Horizontal off-module brackets are visible below the overhead bin.*

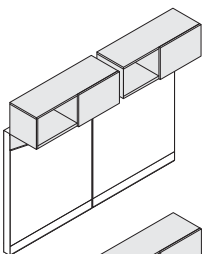
*Tip: End of bin must be 4 1/2" or more past the joint of the panels in an off-module application.*



**Horizontal off-module brackets** cannot span a vertical frame rail or joint on enhanced off-module Montage panel only.

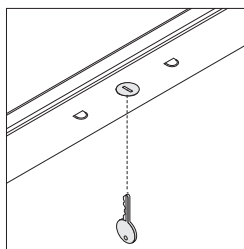


**Upmount brackets** are optional for use on Answer, Kick, Series 9000, Avenir, and Montage. Brackets attach the bin near the top of 54"H panel to enable overhead storage to be used on lower panel heights. Bins using an upmount bracket must be installed on a panel of the same width. For Montage, upmount brackets attach near the top of a 55"H frame.



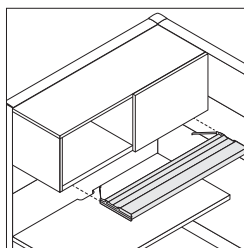
**Two upmount bin brackets** can be hung side by side in an in-line, T- or X-application. Universal over the case bins can be up-mounted over or adjacent to a slatwall.

**Omit brackets option** must be specified when bin is being used in hutch kit or Series 9000 service module application, or when attaching bin to a horizontal wall attachment bracket. Order hutch kit or Series 9000 service module package separately.



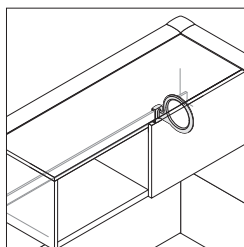
**Lock** in bin is concealed from view beneath the shelf. Locks are available factory- or field-installed. Factory-installed locks are standard and available keyed random only. Optional field-installed locks are available with consecutive, specific, and random keying options. Master-keyed locks are also available. Field-installed lock cylinders must be specified separately.

► *Lock and Keying*, page 624



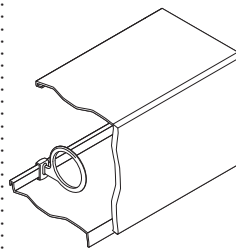
**Shelf lights** are available for use beneath bins. Lights recess into the bottom of the overhead storage unit.

► *Page 284*



**Divider** is available as an option on overhead bins. Dividers ship in a package of four.

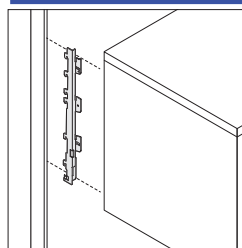
► *Page 236*



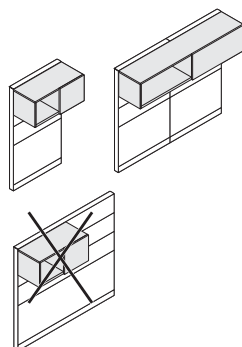
**Back of storage bin** is open to allow panel surface to show. Metal backstop prevents contents of bin from damaging panel surface.

**Overhead storage bin height** accepts standard and A4 binders.

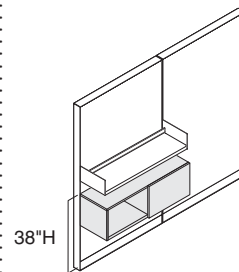
## Connections



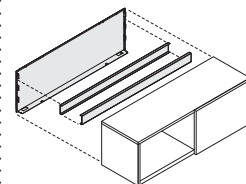
**Steel support hooks** on end supports insert into the slotted channel of a panel or wall channel and lock into place with a safety catch.



**Width of overhead bin** must match the width of the panel or panels that it is attached to when using an on-module bracket. Bin may span up to two frames.



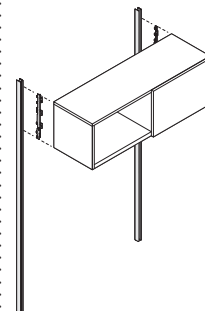
**Universal sliding door bin** may be mounted at 38"H or lower if another panel-mounted component prevents it from being seated upon.



**Horizontal wall attachment brackets** are available to attach storage bins to wall of building. Specify as separate style number.

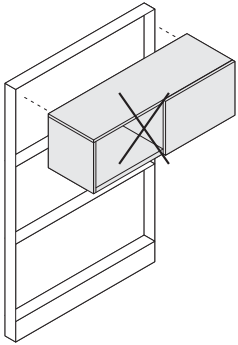
*Tip: Select the omit brackets option when ordering the bin.*

► *Page 521*



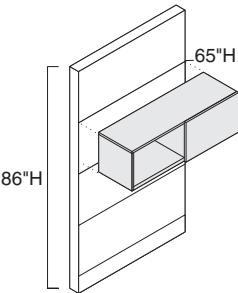
**Wall channels** are available to attach bins to concrete or block walls. Wall channels can be used to attach bins and tackboards to wood, dry wall, or plaster walls if the wall is reinforced. Montage bin brackets will not work with these wall channels, order Answer bins for this application.

## Universal Sliding Door Bins For Use with Montage, continued

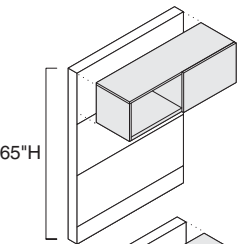


**Overhead storage components** cannot be attached to Montage frames with glass tiles.

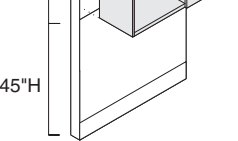
86"H Frames



65"H Frames



65"H

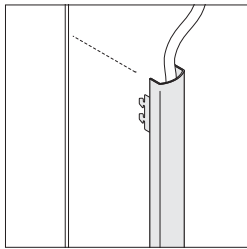


45"H

**Overhead storage components** install at 65"H only. They cannot install on a 10"H stacker or any base frame lower than 65"H.

*Tip: A special half-height shelf is available, contact Systems Specials Group for an engineering quote.*

### Wiring & Cabling



**Vertical wire managers** are available to conceal cords that are routed from light mounted beneath overhead storage.  
▶ Page 298

### Surface Materials

#### Overhead bin

- Paint

#### Lock

- 9201 Polished Chrome
- 9250 Ember Chrome (optional)

#### On-module and vertical off-module attachment brackets

- Black paint only

#### Horizontal off-module attachment brackets for Montage

- Paint to match bin

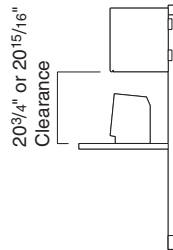
#### Upmount brackets

- Paint

#### Dividers

- White plastic

### Application Topics



**Clearance** between Universal Systems worksurfaces and bottom of overhead bins is 20<sup>3</sup>/<sub>4</sub>"H when storage unit is installed in the highest position on a 65"H panel and glides are adjusted all the way into the panel. Clearance between Universal Free-standing worksurfaces and bottom of overhead bins is 20<sup>15</sup>/<sub>16</sub>" when storage unit is installed in the highest position on a 65"H panel and glides are adjusted all the way into the panel.

#### Storage Capacities and Dimensions

▶ See *Storage Specification Guide*.

#### Bracket Application Rules

▶ Page 240

#### Rules for Frame Stability

▶ Page 48



# Universal Over the Case and In the Case Bins

For Use with Montage

## Universal over the case

**bins** can be attached to panels with an on-module bracket and provide overhead storage in the work space.

► Specifying, page 512

**Safety catch** locks overhead storage unit to frame to prevent accidental removal.

## On-module attachment

**brackets** are used to mount bins on panels of the same width as bins and are included with the bin as a standard component.

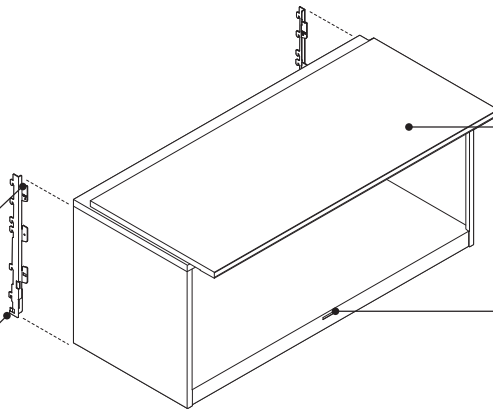
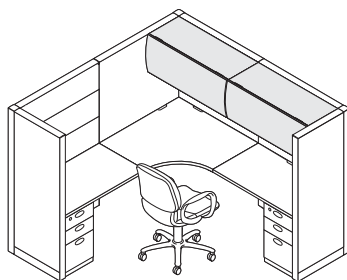
**Backstop** prevents notebooks and equipment from damaging the surface of the panels or walls.

**Bin** is steel and ships assembled.

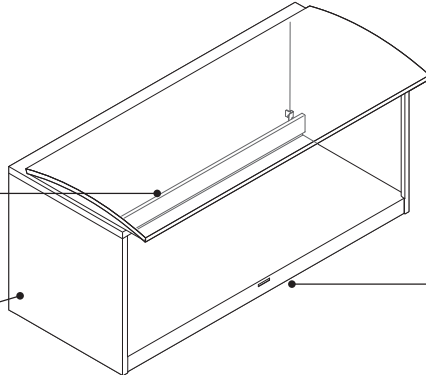
## Universal in the case

**bins**, attach to panels with an on-module bracket and provide overhead storage in the work space. Door is available in steel or wood.

► Specifying, page 512

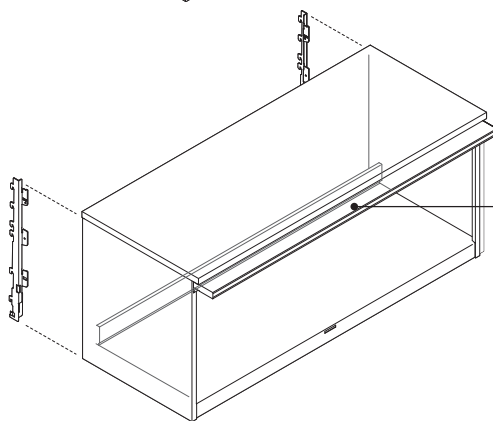


**Flat-front and radius-front lift-up doors** open and close quietly. When up, the doors rest on top of the case to provide more storage space inside.



**Locks** are standard on bins to secure the door(s). Lock is located underneath the center of the shelf. Locks are standard factory-installed, keyed random. Two-door units are keyed alike. A no-lock option is available.

► Lock and Keying, page 624



**Recess** beneath unit can accommodate a shelf light.

► Page 284

**Flat-front lift-up doors** (steel or wood) recess into the overhead storage bin.

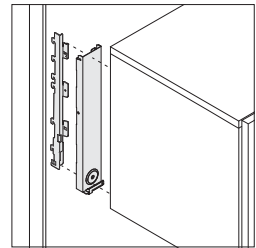
## Product Details

**On-module attachment brackets** are independent of the storage bins and unique to the panel system they are used on. The following style number suffixes indicate the panels they attach to:

**TAK** = Answer and Kick  
**S9** = Series 9000

**AVR** = Avenir  
**MON** = Montage

If the storage bin needs to be attached to a different panel in the future, additional on-module attachment brackets can be purchased through Service Parts.



**Vertical off-module brackets**, optional, can be used to mount one or two sides of an overhead bin off-module on Answer, Kick, Series 9000, Avenir, and Montage with vertical slot patterned panels. To mount an overhead bin with one side off-module, specify with one vertical off-module bracket. To mount an overhead bin with two sides off-module, specify with two vertical off-module brackets. Both of these brackets attach to the on-module bracket that comes standard with the overhead bin.

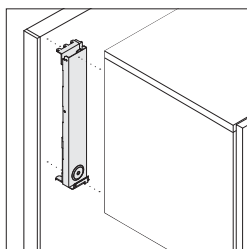
**Vertical off-module brackets** are used with bins up to 12" wider than the panel, allowing them to overhang the panel seam.

## Actual Dimensions

Depth 15<sup>3</sup>/<sub>4</sub>"

Width 24", 30", 36", 42", 48", 60", 66", and 72"

Height 16<sup>1</sup>/<sub>4</sub>"



**Horizontal off-module brackets**, optional, accommodate off-module installations of overhead bins on all widths of Montage enhanced off-module panels.

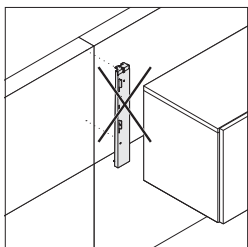
*Tip: Maximum width for a horizontal off-module bin that is mounted on an enhanced off-module Montage panel is 48"W.*

*Tip: Horizontal off-module brackets push bin out from panel 5/8" on enhanced off-module Montage panel.*

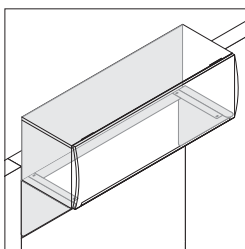
*Tip: Only two pairs of off-module brackets and associated storage can be mounted per frame.*

*Tip: Horizontal off-module brackets are visible below the overhead bin.*

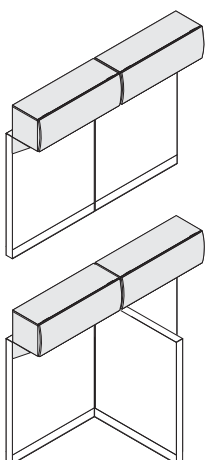
*Tip: End of bin must be 4 1/2" or more past the joint of the panels in an off-module application.*



**Horizontal off-module brackets** cannot span a vertical frame rail or joint on enhanced off-module Montage panel only.

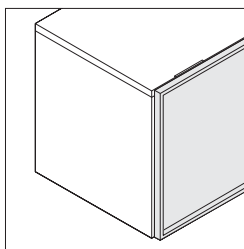


**Upmount brackets** are optional for use on Answer, Kick, Series 9000, Avenir, and Montage. Brackets attach the bin near the top of 54"H panel to enable overhead storage to be used on lower panel heights. Bins using an upmount bracket must be installed on a panel of the same width. For Montage, upmount brackets attach near the top of a 55"H frame.



**Two upmount bin brackets** can be hung side by side in an in-line, T-, or X-application. Bin can be upmounted on slatwall skin as long as there is not another bin or another slatwall.

**Omit brackets option** must be specified when bin is being used in hutch kit or Series 9000 service module application, or when attaching bin to a horizontal wall attachment bracket. Order hutch kit or Series 9000 service module package separately.



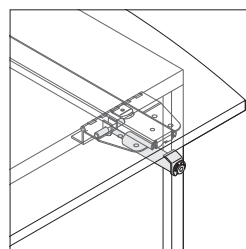
**Picture frame door**, optional, is available on Universal over the case and in the case bins with flat steel fronts only, and is an aluminum door frame with acrylic or glass inserts. An omit insert option is also available which allows custom material to be field installed in the aluminum door frame.

**The acrylic door insert** is a white acrylic. A door assist mechanism is not available as an option on a bin with an acrylic door insert due to the light weight door.

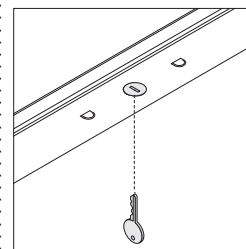
**The glass door insert** is tempered translucent glass. If a glass door insert option is specified and a door assist mechanism is also required, an assist mechanism must be specified as a separate option to the storage bin. Due to the weight of the glass door insert, it is recommended to specify the optional door assist mechanism.

**The omit insert custom material** must be ordered from a material vendor. If an omit insert option is specified and a door assist mechanism is also required, an assist mechanism must be specified as a separate option to the storage bin. The weight of a custom insert on a Universal over the case bin can not exceed 10 1/2 pounds. An insert for a Universal over the case storage bin door with an assist mechanism must weigh within the range of 7 1/4 pounds to 10 1/2 pounds or the assist mechanism will not function correctly. Custom materials being installed in a door insert must comply with local building codes. Consult with local authorities to determine compliance requirements. The use of safety glass is required if installing custom glass in a door insert. To install customer provided material in a picture frame door with the insert omitted, make sure the material is cut precisely to the sizes listed on the dimensions matrix.

► See *Dimensions for Custom Field-Installed Picture Frame Door Inserts*, page 231

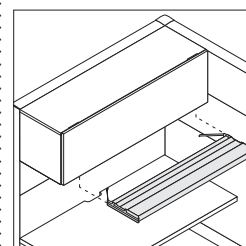


**Door assist mechanism**, optional, consist of a gas cylinder and spring that provides an assisted open and close of the door. When opening the door, the spring pulls the door to the fully recessed position. When closing the door, the assist mechanism will slowly close the door. Universal bins ship with two assist mechanisms per door when specified.



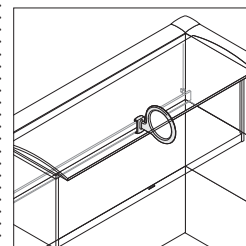
**Lock in bin** is concealed from view beneath the shelf. Locks are available factory- or field-installed. Factory-installed locks are standard and available keyed random only. Two-door units are keyed alike. Optional field-installed locks are available with consecutive, specific, and random keying options. Master-keyed locks are also available. Field-installed lock cylinders must be specified separately.

► *Lock and Keying*, page 624



**Shelf lights** are available for use beneath bins. Lights recess into the bottom of overhead bins.

► Page 284

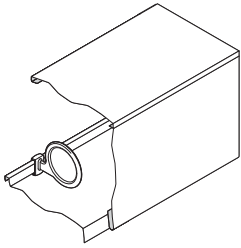


**Divider** is available as an option on overhead bins. Dividers ship in a package of four.

► Page 236



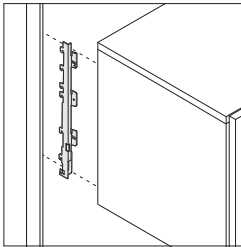
## Universal Over the Case and In The Case Bins For Use With Montage, continued



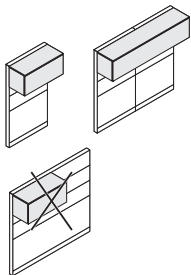
**Back of storage bin** is open to allow panel surface to show. Metal backstop prevents contents of bin from damaging panel surface.

**Overhead storage bin height** accepts standard and A4 binders.

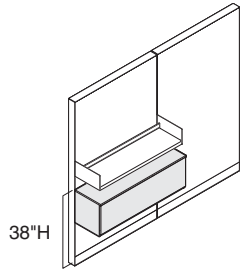
### Connections



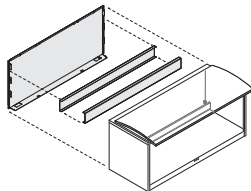
**Steel support hooks on end supports** insert into the slotted channel of a panel or wall channel and lock into place with a safety catch.



**Width of overhead bin** must match the width of the panel or panels that it is attached to when using an on-module bracket. Bin may span up to two frames.



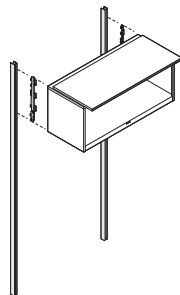
**Universal over the case bin** may be mounted at 38"H or lower if another panel-mounted component prevents it from being seated upon.



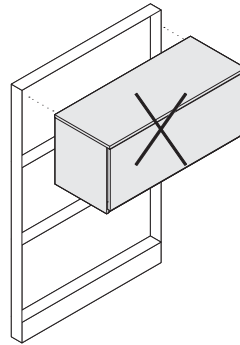
**Horizontal wall attachment brackets** are available to attach storage bins to wall of building. Specify as a separate style number.

*Tip: Select the omit brackets option when ordering the bin.*

► Page 521

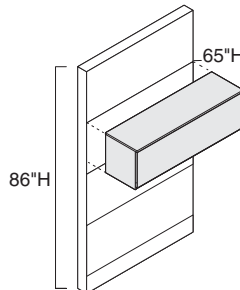


**Wall channels** are available to attach bins to concrete or block walls. Wall channels can be used to attach bins and tackboards to wood, dry wall, or plaster walls if the wall is reinforced. Montage bin brackets will not work with these wall channels, order Answer bins for this application. Montage bin brackets will not work with these wall channels, order Answer bins for this application.

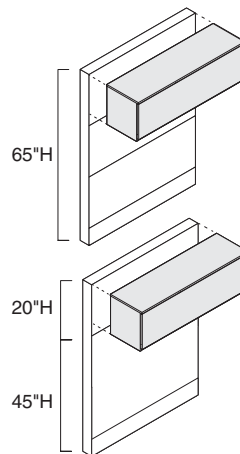


**Overhead storage components** cannot be attached to Montage frames with glass tiles.

86"H Frames



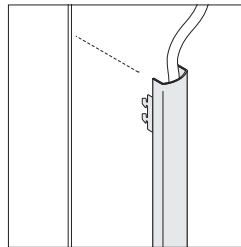
65"H Frames



**Overhead storage components** install at 65"H only. They cannot install on a 10"H stacker or any base frame lower than 65"H.

*Tip: A special half-height shelf is available, contact Systems Specials Group for an engineering quote.*

### Wiring & Cabling



**Vertical wire managers** are available to conceal cords that are routed from light mounted beneath overhead storage.

► Page 298

### Surface Materials

#### Overhead bin

- Paint

#### Lock

- 9201 Polished Chrome
- 9250 Ember Chrome (optional)

#### On-module and vertical off-module attachment brackets

- Black paint only

#### Horizontal off-module attachment brackets for Montage

- Paint to match bin

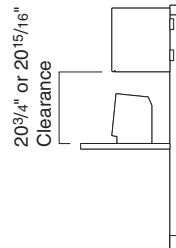
#### Upmount brackets

- Paint

#### Dividers

- White plastic

### Application Topics



**Clearance** between Universal Systems work surfaces and bottom of overhead bins is 20<sup>3</sup>/<sub>4</sub>"H when storage unit is installed in the highest position on a 65"H panel and glides are adjusted all the way into the panel. Clearance between Universal Freestanding work surfaces and bottom of overhead bins is 20<sup>15</sup>/<sub>16</sub>"H when storage unit is installed in the highest position on a 65"H panel and glides are adjusted all the way into the panel.

#### Storage Capacities and Dimensions

► For interior dimensions, see *Storage Capacities and Dimensions* in the *Storage Specification Guide*.

#### Bracket Application Rules

► Page 240

#### Rules for Frame Stability

► Page 48

# Dimensions For Custom Field-Installed Picture Frame Door Inserts

Dimensions For Custom  
Field-Installed Picture  
Frame Door Inserts

## For Universal Over the Case Bins

Bin Width	Door Width	Custom Picture Frame Door Inserts		
		Height +/-0.02"	Width +/-0.02"	Thickness +/-0.02"
24"	24"	15.933"	23.314"	0.138"
25"	25"	15.933"	24.314"	0.138"
30"	30"	15.933"	29.314"	0.138"
35"	35"	15.933"	34.314"	0.138"
36"	36"	15.933"	35.314"	0.138"
42"	42"	15.933"	41.314"	0.138"
45"	45"	15.933"	44.314"	0.138"
48"	48"	15.933"	47.314"	0.138"
60"	30" (per door)	15.933"	29.314"	0.138"
66"	33" (per door)	15.933"	32.314"	0.138"
70"	35" (per door)	15.933"	34.314"	0.138"
72"	36" (per door)	15.933"	35.314"	0.138"
75"	37 1/2" (per door)	15.933"	36.314"	0.138"

*Tip: A custom insert cannot be factory installed. Custom insert must be ordered from a material vendor and will not be handled like a Steelcase Customer's Own Material. In selecting materials for customer supplied inserts, consider material characteristics, such as effects from thermal changes, humidity changes, aging characteristics, and strength of material. Do not use materials that allow the overall size of the custom insert to deviate by amounts larger than the acceptable tolerances listed in the matrix.*

## For Universal In the Case Bins

Bin Width	Door Width	Custom Picture Frame Door Inserts		
		Height +/-0.02"	Width +/-0.02"	Thickness +/-0.02"
24"	24"	15.000"	23.164"	0.138"
25"	25"	15.000"	24.164"	0.138"
30"	30"	15.000"	29.164"	0.138"
35"	35"	15.000"	34.164"	0.138"
36"	36"	15.000"	35.164"	0.138"
42"	42"	15.000"	41.164"	0.138"
45"	45"	15.000"	44.164"	0.138"
48"	48"	15.000"	47.164"	0.138"
60"	30" (per door)	15.000"	29.164"	0.138"
66"	33" (per door)	15.000"	32.164"	0.138"
70"	35" (per door)	15.000"	34.164"	0.138"
72"	36" (per door)	15.000"	35.164"	0.138"
75"	37 1/2" (per door)	15.000"	36.664"	0.138"

*Tip: A custom insert cannot be factory installed. Custom insert must be ordered from a material vendor and will not be handled like a Steelcase Customer's Own Material. In selecting materials for customer supplied inserts, consider material characteristics, such as effects from thermal changes, humidity changes, aging characteristics, and strength of material. Do not use materials that allow the overall size of the custom insert to deviate by amounts larger than the acceptable tolerances listed in the matrix.*



# Hutch Kits

**Hutch kits** allow one Universal sliding door, over the case, or in the case bin to be mounted above a desk or credenza, to provide privacy and overhead storage. A hutch kit includes two end supports, a back panel for the bin, an accessory rail, a double-sided tackboard, one cable manager, and attachment hardware.

► Specifying, page 516

**Painted steel back panel** encloses the storage bin so the hutch does not need to be panel wrapped.

**End panels** support the storage bins and are attached to the work-surface with screws.

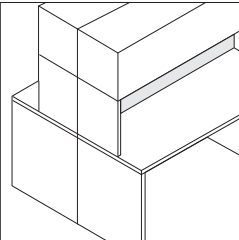
**Bins** are sold separately. Any Universal sliding door, over the case, or in the case bin can be used. Select the omit brackets option when ordering the bin.

**Double-sided tack-board** can be ordered with matching or contrasting fabrics.

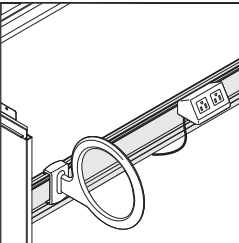
**Accessory rail** accepts the hutch kit receptacle, power and data strip, selected worktools, and the dividers that are an option to the storage bin.

**1½" gap below the accessory rail** allows plugs and cords to be routed between the rail and the worksurface. A painted metal access cover slides up and down to allow plugs to pass through without creating a large visible gap.

## Product Details



**Double-sided tack-boards** are standard with hutch kits. They divide space, increase privacy, and provide a display surface.



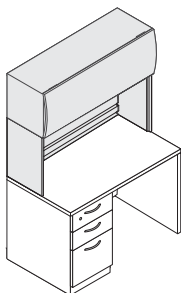
**Accessory rail** accepts the dividers that are available as an option to the storage bin and the hutch kit receptacle. The rail also accepts selected worktools. A 1½" gap below the accessory rail allows plugs and cords to be routed between the rail and the worksurface. A painted metal access cover slides up and down to allow plugs to pass through without creating a large visible gap.

**Power receptacles and power and data strip** are available for field installation on the accessory rail, providing access to power at worksurface height.

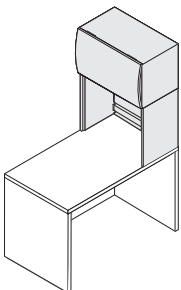
## Actual Dimensions

Depth	14 <sup>7</sup> / <sub>8</sub> "
Width	24", 30", 36", 42", 48", 60", 66", or 72"
Height	37 <sup>5</sup> / <sub>16</sub> "

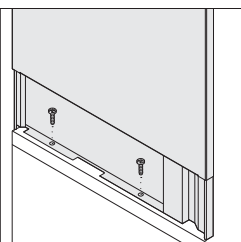
## Connections



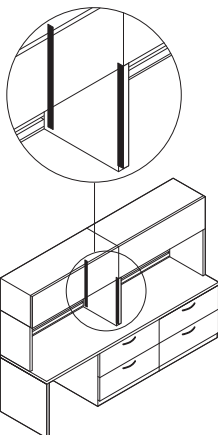
**Hutches** can be used on 23½"D, 24"D, 29½"D, and 30"D freestanding desks and credenzas. They can also be used on full-depth corner and extended corner worksurfaces.



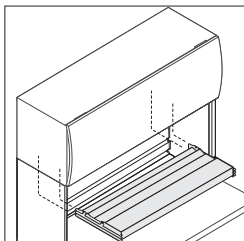
**24"W and 30"W hutches** can also be mounted on the ends of desks, credenzas, and bullet peninsula worksurfaces that are at least as deep as the hutch is wide.



**Hutch end supports** attach to the worksurface using screws that are shipped with the hutch kit.

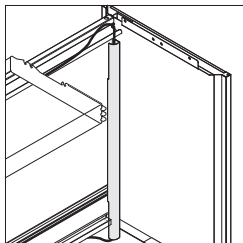


**Hutch connector bracket** is available to connect two or more hutch kits side by side. ▶ See *Desk Stability Guidelines*, page 168



**Shelf lights** are available to recess into the bottom of storage bins.

## Wiring & Cabling



**Light cords** can be routed through a hutch vertical cable manager, and then through the gap between the accessory rail and the worksurface. One non-handed, painted steel vertical cable manager is shipped with each hutch kit. Additional cable managers, ordered separately, are available.

## Surface Materials

**End supports, back panel, vertical cable manager, and accessory rail**

- Paint

**Tackboard**

- Vertical surface fabric

**Power receptacle**

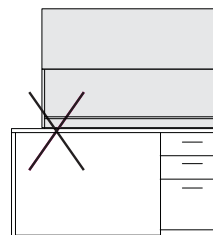
- Black plastic only

## Pricing

*Tip: To price a tackboard with fabrics in two different price groups on opposite sides, add the two prices together and divide by two.*

## Application Topics

**Clearance** between the worksurface and the bin is 21⅞".



**Hutch end panels** must be located immediately above a floor support that stabilizes the front and back edges of the worksurface, such as a pedestal, an end support, or a pair of legs.

**Steelcase worktools**

are available for use on accessory rail including letter tray, pencil cup, double square cup, shallow dish, office in a file, mini shelf, personal shelf, and slatshelves. For product information, see the *Steelcase Worktools Specification Guide*.

## Shipping

**Hutch kits** are assembled in the field.

# Universal Shelves

For Use with Montage

## Universal shelves

supported by Answer, Kick, Series 9000, Avenir, and Montage, provide overhead storage in the work space.

► Specifying, page 519

## Metal backstop on Universal shelves

prevents notebooks and equipment from damaging panel surface.

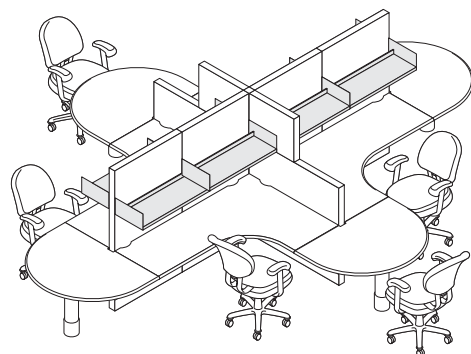
## On-module attachment hooks

are integral to the end supports and are used to mount shelves on panels of the same width as bins.

## Safety catch

locks shelf units to frame to prevent accidental removal.

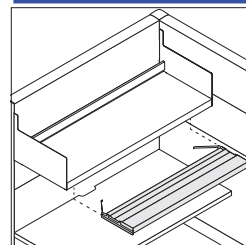
**Shelves** are steel and ship ready to assemble.



## Actual Dimensions

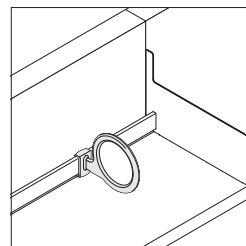
Depth	14 <sup>3</sup> / <sub>4</sub> "
Width	24", 30", 36", 42", 48", 60", and 72"
Height	11 <sup>1</sup> / <sub>2</sub> " (Montage only)

## Product Details

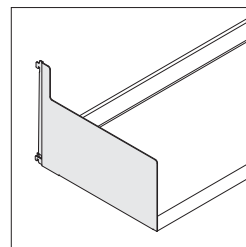


**Shelf lights** are available for use beneath shelves. Lights recess into the bottom of the overhead storage unit.

► Page 284



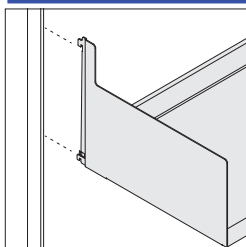
**Dividers** are available field installed for use on Universal shelves. Dividers ship in a package of four. Dividers cannot attach to Universal personal shelves.



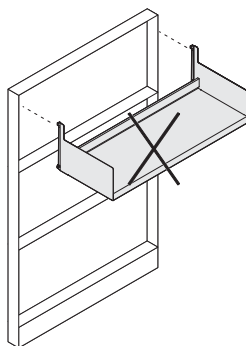
**Universal shelves for use on Montage panels** have a taller end support to accommodate vertical slots in frame.

**Universal shelves** cannot mount on a 55"H Montage frame. Contact Steelcase Specials for a solution on a 55"H frame.

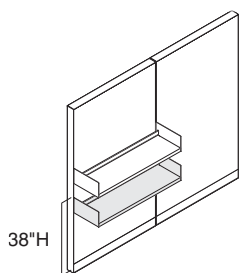
## Connections



**Steel support hooks** on end supports insert into the slotted channel of a panel or wall channel and lock into place with a safety catch.

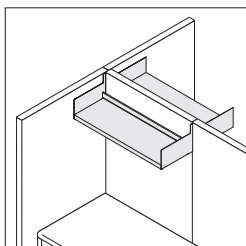


**Overhead storage components** cannot be attached to Montage frames with glass tiles.



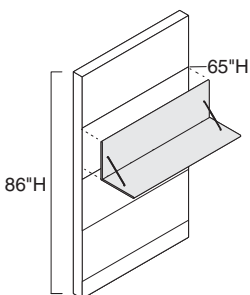
**Universal shelf** may be mounted at 38"H or lower if another panel-mounted component prevents it from being seated upon.

**On-module attachment hooks** cannot be attached to upmount brackets.

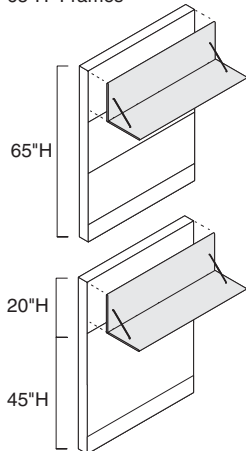


**Width of shelf** must match the width of the panel or panels that it is attached to with the on-module brackets. Shelves may span up to two frames.

86"H Frames

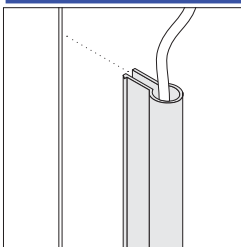


65"H Frames



**Overhead storage shelves** install at 65"H only. They cannot install on a 10"H stacker or any base frame lower than 65"H.  
*Tip: A special half-height shelf is available, contact Systems Specials Group for an engineering quote.*

## Wiring & Cabling



**Vertical wire managers** conceal cords and cables that are routed vertically outside of the panels.  
▶ Page 298

## Surface Materials

**Shelf**  
• Paint

## Application Topics

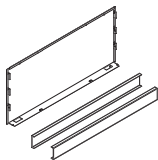
**Storage Capacities and Dimensions**  
▶ See *Storage Specification Guide*.

**Bracket Application Rules**  
▶ Page 240

**Rules for Frame Stability**  
▶ Page 48

# Horizontal Wall Attachment Brackets

For Use with Universal Sliding Door, Universal Over the Case, and Universal In the Case Bins

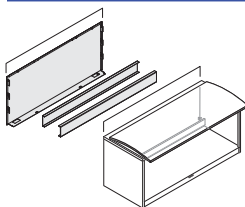


**Horizontal wall attachment brackets** can attach to wall of building to accept Universal sliding door, Universal over the case, and Universal in the case storage bins. Brackets will not accept bins introduced prior to March 2007, TS Series bins.

► Specifying, page 521

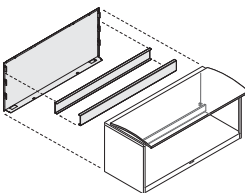
*Tip: Specify as a separate style number.*

## Product Details



**Horizontal wall attachment brackets** must match the width of the storage bin.

*Tip: Select the omit brackets option when ordering the bin.*

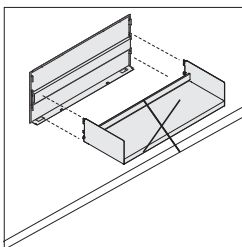


**Horizontal wall attachment brackets** include brackets and a steel back to enclose the storage bin.

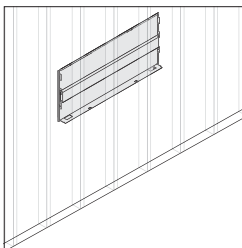
**Horizontal wall attachment brackets** can be positioned on wall at height needed.

## Connections

**Horizontal wall attachment brackets** can be used to attach Universal sliding door, Universal over the case, and Universal in the case bins to a building wall. TS Series cannot attach to horizontal wall attachment brackets.



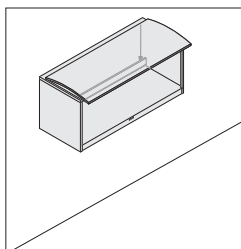
**Shelves** can not hang off horizontal wall attachment brackets.



**Mounting** of horizontal wall attachment brackets must include attachment to at least two wall studs, but it is recommended to attach to all studs in wall behind the storage bin. Storage bins that are 24"W or 25"W can only be mounted with horizontal wall attachment brackets if wall is constructed with 16" stud centers.

## Field install:

- Concrete walls with Hilti type anchors.
- Drywall or plywood with 5/8" thick Toggler R-type 3/16" wall anchors with countersunk flat head screw.
- Wood studs with #10 wood screws of appropriate length with countersunk flat head screw.
- Steel studs with #10 sheet metal screws of appropriate length with countersunk flat head screw.



**Limit** of one bin for each horizontal wall attachment bracket.

**Attaching worksur-**  
**faces** to horizontal wall attachment brackets is not possible.

**Horizontal wall attachment brackets** allow overhead storage bin to fit flush to wall.

## Actual Dimensions

**Width** 24", 30", 36", 42", 48", 60", and 72".

## Surface Materials

**Brackets and steel back**

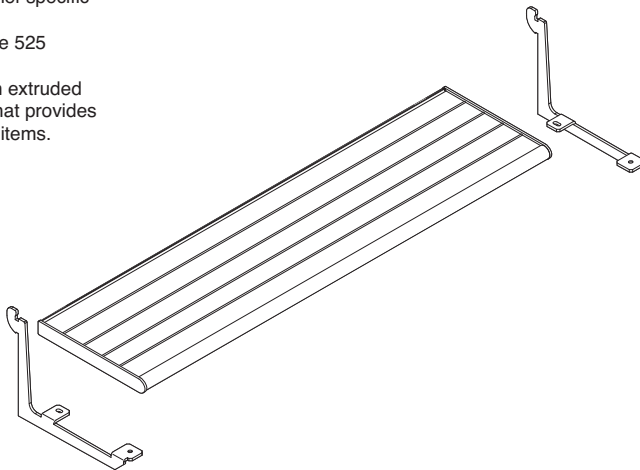
- Paint

# Slim Shelves

**Slim shelves** provide a panel-supported surface that attaches to Answer, Kick, Series 9000, Avenir, and Montage with panel-specific brackets.

► Specifying, page 525

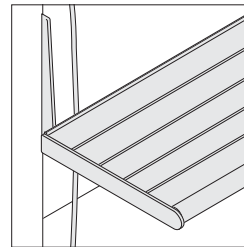
**Slim shelf** is an extruded aluminum shelf that provides storage for small items.



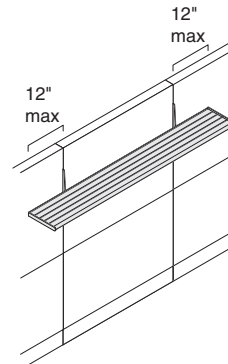
## Product Details

**Slim shelves** attach to Answer, Kick, Series 9000, Avenir, and Montage with panel-specific brackets.

**For Montage, slim shelves** can be used on any enhanced Montage frame, including monolithic frames, and any standard Montage frame manufactured after July 2001.

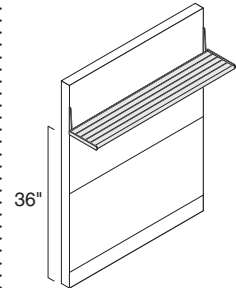


**Gap at back of slim shelf** allows routing of shelf light cord.



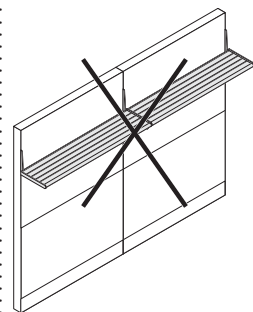
**Slim shelves** can be mounted off-module. No more than 12" overhang on either side of panel is recommended. Brackets attach on vertical seams of panel, while the shelf adjusts off-module on the brackets.

**Slim shelves** will mount on 10"H stacker frames. Shelf only has one slot requirement for left side of shelf and one slot requirement for right side of shelf.



**Slim shelves** hang from the standard slots in any Montage frame. Recommended height is 36"H from the floor.

**Two attachment brackets** are included with shelves less than or equal to 48"W. Two attachment brackets and a mid-span support are included with shelves wider than 48"W.



**Answer will not support** two shelves installed end-to-end.

## Surface Materials

### Slim shelves

- Paint

### Attachment brackets

- Painted to match shelf

## Actual Dimensions

Slim shelves	
Depth	6 <sup>3</sup> / <sub>8</sub> "
Width	24", 30", 36", 42", 48", 60", 72", 96"



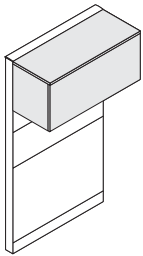
# Bracket Application Rules for Bins and Shelves

For TS Series, Universal Sliding Door Bins, Universal Over the Case Bins, Universal In the Case Bins, and Universal Shelves

## Bracket Application Matrix

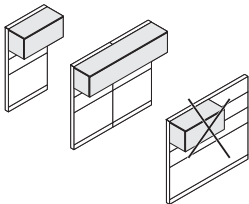
Panels	TS Series Bins, Universal Bins, and Universal Shelves— On-Module	Universal Bins— Single Side Vertical Off- Module	Universal Bins— Two Sided Vertical Off- Module	Universal Bins— Horizontal Off- Module (for use with Technology Wall and Montage only)	Universal Bins— Upmount
Answer	•	•	•		•
Kick	•	•	•		•
Series 9000	•	•	•		•
Avenir	•	•	•		•
Montage	•	•	•	•	•

### On-Module Brackets and Hooks



**On-module brackets and hooks** are used to mount overhead bins and Universal shelves to panels with vertical slot patterns. Answer, Kick, Series 9000, Avenir, and Montage panels can support on-module attachment brackets.

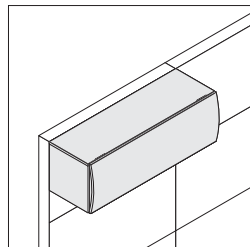
**Universal personal shelves** can attach on-module to all panels except Montage.



**Width of overhead storage unit** must match the width of the panel or panels that it is attached to. Storage bins or shelves may span up to two panels.

**Additional support** for stability may be required when shelves and overhead storage bins are attached to panels. Counterbalancing loads on the opposite sides of the panels increases stability.

*Tip: See Stability Guidelines in each corresponding specification guide.*



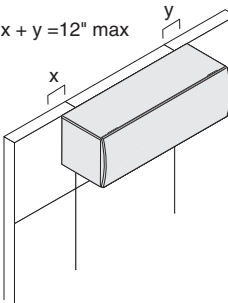
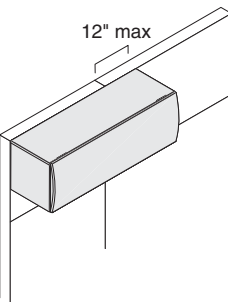
**On-module attachment brackets** install in panel seams.

**On-module brackets** can be used above and adjacent to slatwall on Answer and Montage Panels.

**On-module brackets** can be used with a panel stacker on Answer, Kick, and Montage panels. Follow standard panel stacker guidelines for each panel.

**Off-module brackets** are used with bins up to 12" larger than the panel, allowing them to overhang the panel seam.

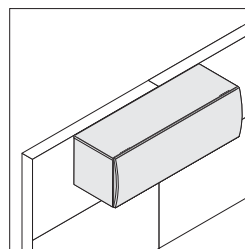
### Off-Module Brackets



**Vertical off-module brackets**, optional, can be used to mount one or two sides of the overhead bin off-module on Answer, Kick, Series 9000, Avenir, and Montage with vertical-slot-patterned panels. Both of these brackets attach to the on-module bracket that comes standard with the overhead bin. Vertical off-module brackets allow bins to be installed a maximum of 12" off-module. Vertical off-module brackets can be used with 30"W to 60"W Montage bins only.

**Vertical off-module brackets** can be used above and adjacent to slatwall on Answer and Montage panels.

**Vertical off-module brackets** can be used with a panel stacker on Answer, Kick, and Montage panels. Follow standard panel stacker guidelines for each panel.



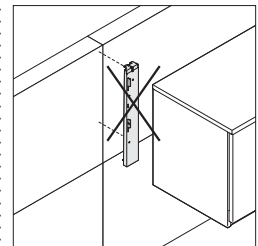
**Horizontal off-module brackets**, optional, accommodate off-module installations of overhead storage bins on panels with horizontal slot patterns. Enhanced off-module Montage frames can support horizontal off-module brackets. Horizontal off-module brackets can be used with 24"W to 48"W Montage bins only.

**Horizontal off-module brackets** can be used above and adjacent to slatwall on Montage panels.

**Horizontal off-module brackets** can be used with a panel stacker on Montage panels. Follow standard panel stacker guidelines for each panel.

**Enhanced off-module Montage frames** have horizontal slot patterns and must be specified for horizontal off-module Montage configurations.

**Horizontal off-module brackets** push bin out from panel 5/8" on enhanced off-module Montage panels.



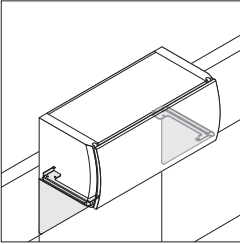
**Horizontal off-module brackets** cannot span a vertical or joint where two frames come together on enhanced off-module Montage panels. Shift the bin to avoid the joint.

*Tip: End of bin must be 4 1/2" or more past the joint of the panels in an off-module application.*

**Only two pairs of off-module brackets** and associated storage can be mounted per frame.



## Upmount Brackets



**Upmount brackets**, optional, can be used with Universal sliding door, Universal over the case, and Universal in the case bins. Brackets attach bins near the top of 54"H panels. Answer over the case bins and Universal shelves cannot be attached to upmount brackets.

**Overall upmounted bin height** is 68 $\frac{5}{8}$ " when installed on a 55"H Montage frame.

**Upmount bin width** must match the width of the panel or panels that it attaches to. Upmounted bins and shelves cannot be supported off-module.

**Upmount brackets** can be used above and adjacent to slatwall on Answer and Montage panels.

**Upmount brackets** can be used with a panel stacker on Answer, Kick, and Montage panels. Follow standard panel stacker guidelines for each panel.

## Omit Brackets

**Omit brackets option** must be specified when bin is used in a hutch kit or Series 9000 service module application, or when attaching bin to a horizontal wall attachment bracket. Order hutch kit or Series 9000 service module package separately.

**Hutch kit** supports bin at 66" height.

**Service module package** supports bin at 65" height on Series 9000.

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# Understanding Duo Storage Products



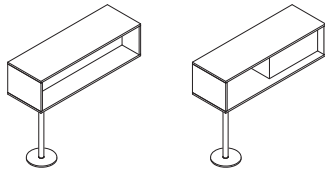
<b>Statement of Line</b>	<b>256</b>
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<b>Product Details</b>	
Duo Tall Storage	<b>258</b>
Stability Guidelines	<b>260</b>

# Statement of Line

Duo Storage Products



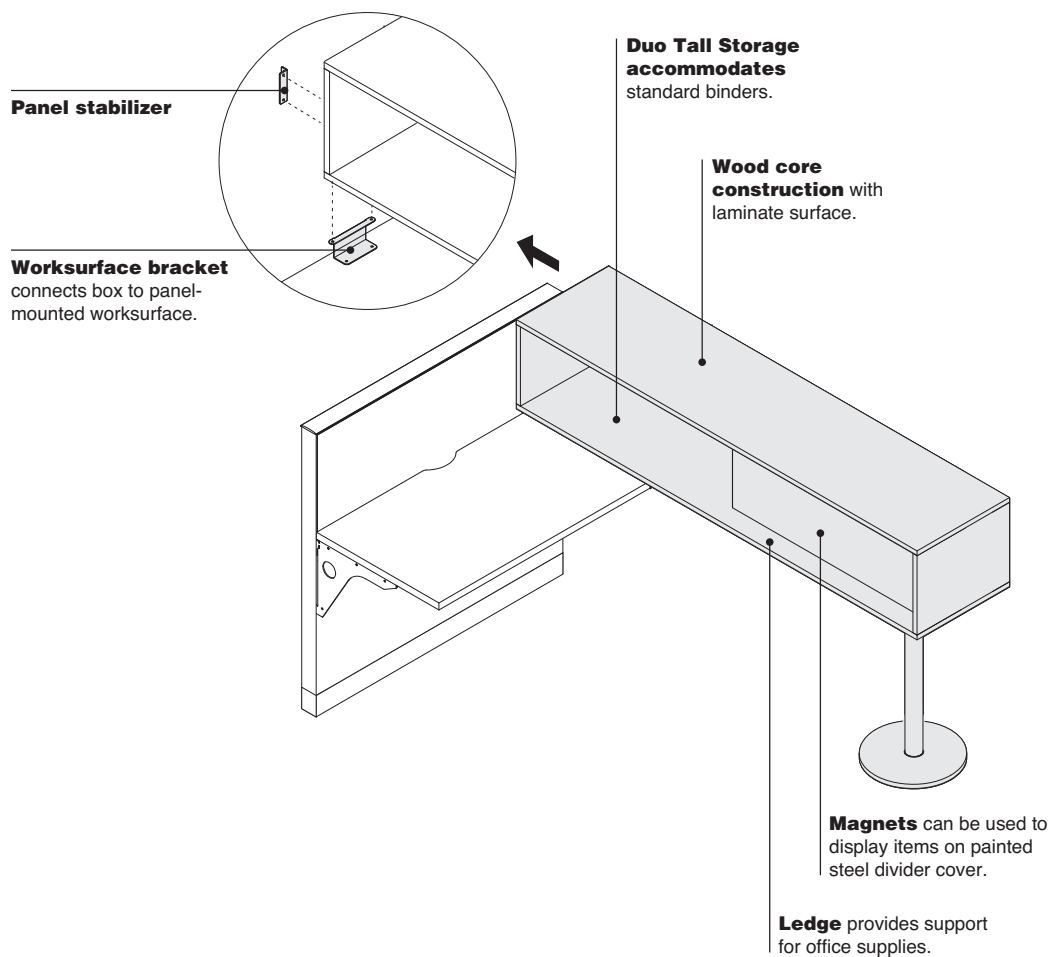
Understanding  
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Specifying  
▶ Page 570

## Duo Tall Storage

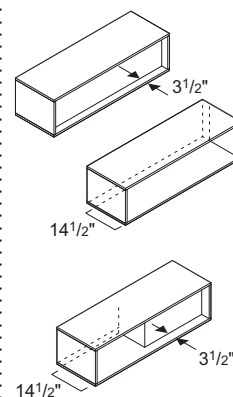
	15"H
54"W	●
66"W	●
78"W	●



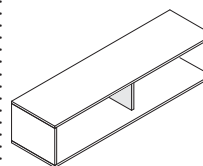
# Duo Tall Storage



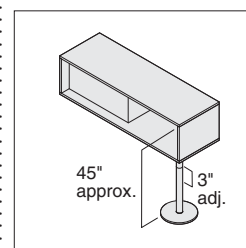
## Product Details



**Two interior configurations** of Tall Storage are available. Individual box has a ledge on one side and space for binder storage on the opposite side. Shared box is divided down the center with half ledge and half binder storage on each side.



**66"W and 78"W individual boxes** have a center divider on the binder storage side for additional support.

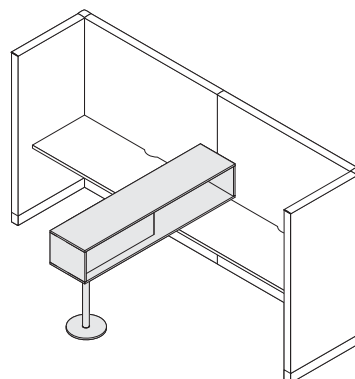


**Column height** at shortest level is 29 7/8"H. Column will adjust upward 3" for leveling.

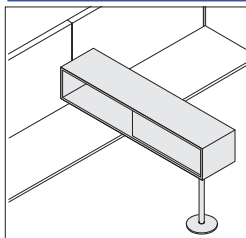
**Height** from floor to top of box is approximately 45".

## Actual Dimensions

Box exterior height	15"
Box exterior depth	18"
Box exterior width	54", 66", and 78"
Box interior height	13 3/8"
Box interior depth (binder storage area)	13 5/8"
Box interior depth (ledge)	3 1/2"
Box interior width	52 3/8", 64 3/8", and 76 3/8"
Leg height	29 7/8"



## Connections



**Attaches** perpendicular to Montage panel at in-line, end-of-run, L- or T-configurations. Works with 45"H or taller panels only. Attaches on-module only.

**Panel-mounted work-surfaces** are required when connecting Duo Tall Storage to Montage panels. Brackets are included to attach Duo Tall Storage to worksurfaces to improve stability.

**To attach Duo Tall Storage** to Montage frames in seismic zones, order the Duo seismic package for use with Duo Tall Storage-to-Montage frames. One package contains hardware for 10 units.

**In seismic zones 3 and 4**, consult with local building code officials for specific code requirements applicable to your installation.

## Surface Materials

### Box

- Laminate

### Interior divider cover

- Paint

### Brackets and leg

- 4799 Platinum paint

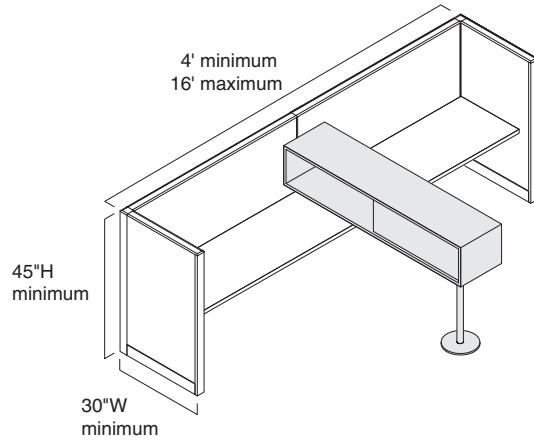
### Panel attachment brackets

- 4799 Platinum paint

# Stability Guidelines

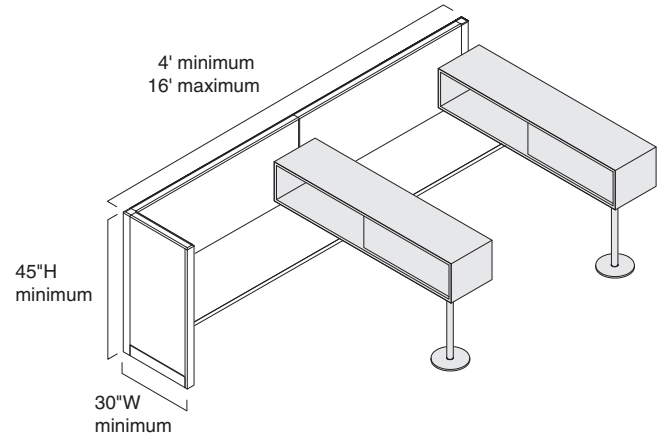
## Stability Guidelines for Montage and Duo Tall Storage

### Panels without Components

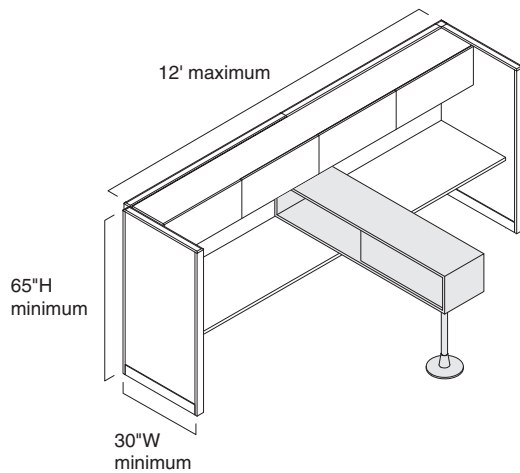


**Duo Tall Storage** cannot be mounted off-module.

**A minimum 30"W Montage panel return** at 90° or 120° must be used with Duo Tall Storage.



**If Duo Tall Storage** is mounted in an end-of-run application, a 30"W minimum panel return must be used on the other end of the run.

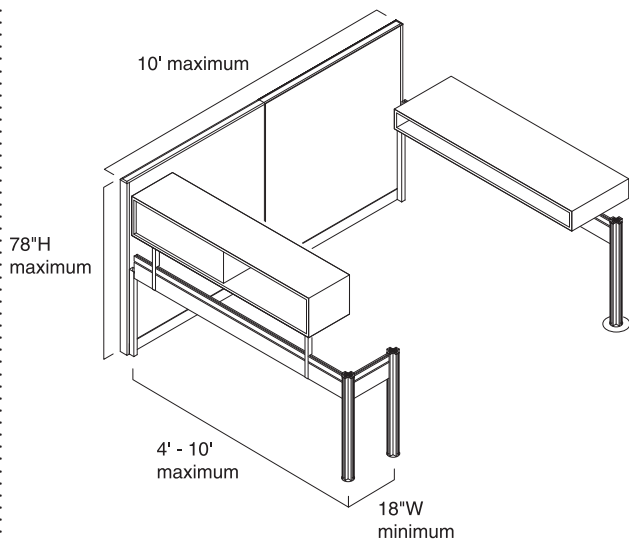


**A 30"W minimum panel return** is required when Duo Tall Storage is used on a panel that is supporting additional panel-hung components.

## Stability Guidelines for Duo Tall Storage-to-Montage Frame Application in Seismic Zones

- Follow traditional planning guidelines.
- Tall Storage leg base must be bolted to the floor.
- Additional seismic package must be installed.

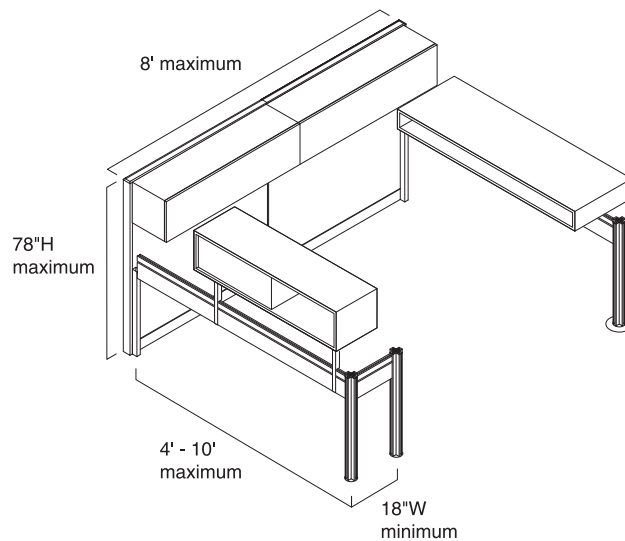
### Stability Guidelines for Montage Panels and Duo Overhead Storage or Duo Slim Storage on Post and Beam Fence



**A minimum 18\"W return is required**, or a post with large base bolted to the floor.

**On a single Post and Beam fence**, no more than one Overhead or Slim Storage box can be attached.

**Fences with Overhead or Slim Storage** spaced no more than 10' apart can stabilize a wall.



**A minimum 18\"W return is required**, or a post with large base bolted to the floor.

**On a single Post and Beam fence**, no more than one Overhead or Slim Storage box can be attached.

**Fences with Overhead or Slim Storage** spaced no more than 8' apart can stabilize a wall with upper storage.






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# Understanding Healthcare Components

	
<b>Statement of Line</b>	<b>270</b>

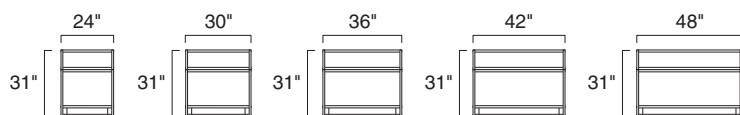
	
<b>Product Details</b>	
31"H Enhanced Standard Frames	<b>272</b>
7"H Enhanced Tiles	<b>274</b>
Brackets	<b>276</b>
Patient Chart Box	<b>278</b>

# Statement of Line

## Healthcare Components

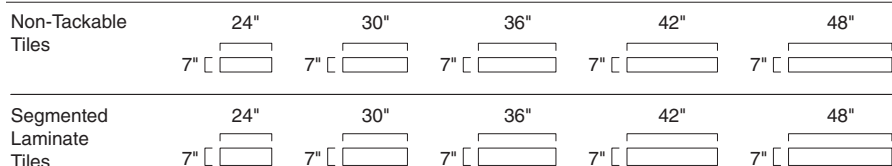
Understanding  
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▶ Page 580

### 31"H Enhanced Standard Frames



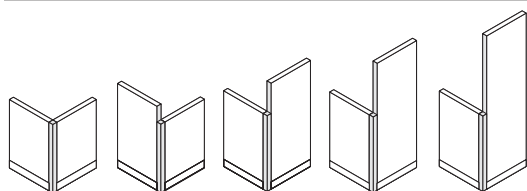
Understanding  
▶ Page 274  
Specifying  
▶ Page 581

### 7"H Enhanced Tiles

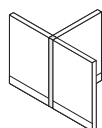


Understanding  
▶ Page 273  
Specifying  
▶ Page 583

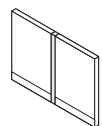
### Junctions



L-Junctions



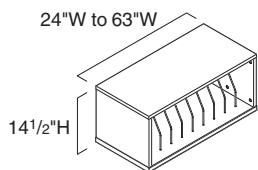
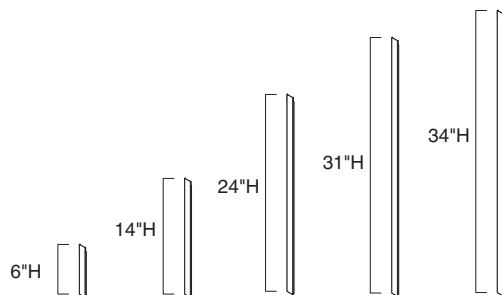
T-Junctions



I-Junctions

Understanding  
 ▶ Page 272  
 Specifying  
 ▶ Page 584

## End Trim for Use with Frames



Understanding  
 ▶ Page 278  
 Specifying  
 ▶ Page 587

## Patient Chart Box

	24"W	27"W	30"W	33"W	36"W	39"W	42"W	45"W	48"W	51"W	60"W	63"W
16"D	●	●	●	●	●	●	●	●	●	●	●	●

# 31"H Enhanced Standard Frames

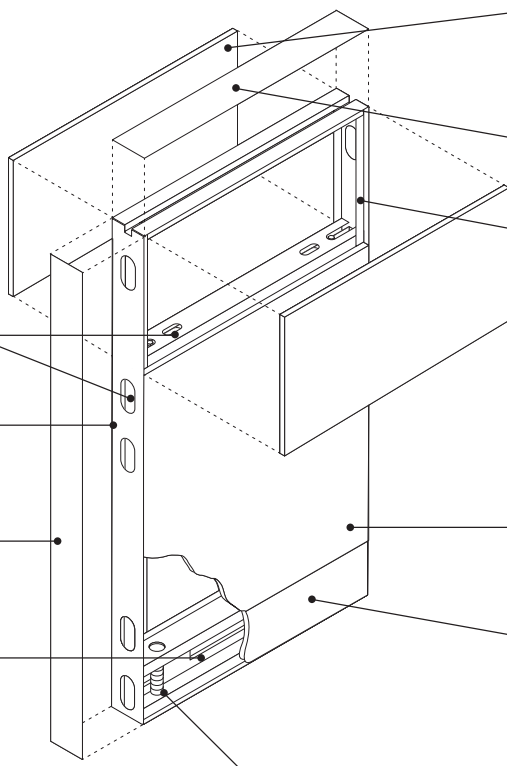
**31"H enhanced standard frames** are designed to support ADA compliant transaction tops. The frame is designed to link horizontally to create visual space division and accommodate electrical routing. Frame accommodates worksurfaces and transaction tops.

**Openings** in frame allow pass-through cable routing.

**Frame** is structural and not recommended for stacking.

**End trim** is available to finish the exposed end of a run of frames.

**Base cavity** can accommodate a powerkit to provide electrical receptacles in the base. In addition, if power is not used at base, the entire base cavity can be used for cable distribution and voice/data quick connects.



**Enhanced tiles** work on enhanced standard frames or enhanced monolithic frames.

**Top cap** finishes the top surface of frames.

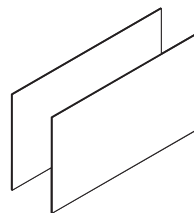
**Gaskets** inside the panel frame eliminate all light leaks.

**Non-tackable tiles** are available with a painted or laminate surface.

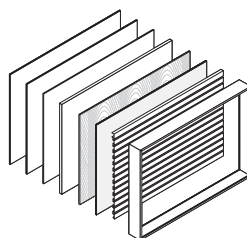
**Base cover** is available plain or with openings to accommodate receptacles. You can mix plain and power base covers on opposite sides of the same frame.

**Leveling glide** is adjusted before the tile is installed. Range is 2".

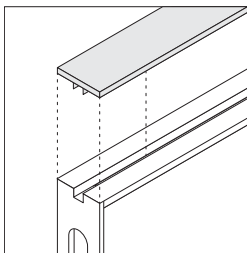
## Product Details



**7"H enhanced tiles** are available in painted steel and laminate.



**20"H enhanced tiles** are available in many versions—tackable acoustical, high-performance acoustical, painted steel, patterned steel, fabric-covered steel, laminate, wood, marker-board, slatwall, glass, and base fiber-in. They can be used on the lower portion of the 31"H frame.



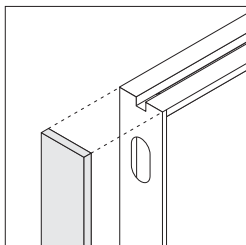
**Top caps** are provided and available in metal.

## Actual Dimensions

Depth (thickness)	3"
Width	24", 30", 36", 42", or 48"
Height	31"
Leveling glide range	2"

## Connections

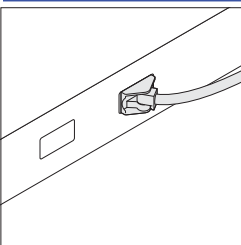
**Frames** can support other components including work-surfaces, transaction tops, and patient chart box.



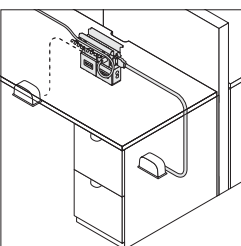
**Vertical end trim** can be ordered to finish the exposed end of a run of frames. Trim is available in metal.

**Junctions** are available to join adjacent frames of the same or different heights together in L- and T-configurations. Although junctions are not required to join frames in a straight line, an in-line I-junction is available to maintain alignment with frames that are joined with junctions.

## Wiring & Cabling



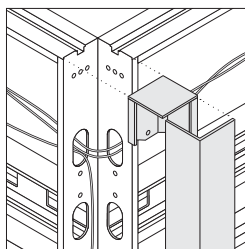
**Base power-in** brings power to the frames at the right-hand receptacle location in the base.



**Internode** is available to be field installed to bring power and voice/data outside of the frame and mount above or below the worksurface.

**Powerkit** in the base of frame is field installed to provide three wiring schematics using an eight-wire system. Pass-through powerways are also available when you want to extend the network without installing receptacles in one of the frames.  
► Page 58

**Openings** in frame allow cables to be routed inside the walls of a workstation.



**Junctions** allow cables and transfer cables to be routed vertically.

**All frames** are listed by Underwriters Laboratory (UL) and certified by the Canadian Standards Association (CSA).

## Surface Materials

### Frame

- Paint

### Top cap

- Paint

### End trim

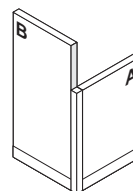
- Paint

### Base cover

- Paint

### Junctions

- Paint



## Application Matrix for Change-of-Height Vertical End Trim

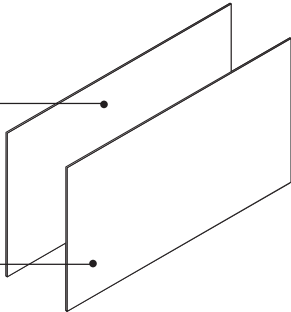
Low Frame	High Frame	End Trim Height
A	B	
31"	38"	6"
31"	45"	14"
31"	55"	24"
31"	65"	34"

# 7"H Enhanced Tiles

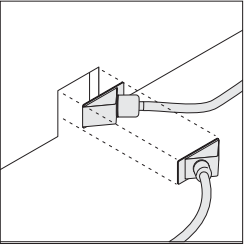
**7"H tiles** finish the top section of 31"H frames.

**Laminate tiles** are decorative, durable, and cleanable. They are non-tackable.

**Non-tackable tiles** can be painted and patterned. They are durable and cleanable.



## Wiring & Cabling



**Wedge-shaped connector** can be oriented in either direction.

**Base fiber-in** is positioned above base cavity of frame and doesn't obstruct any receptacle locations.

**Inside diameter** of conduit is 3/4". In situations where capacity is critical, you should conduct a test using the specific cable types your installation requires.

## Surface Materials

### Non-tackable tile

- Paint

### Laminate tile

- Laminate (standard)
- Customer's own laminate (optional)

## Actual Dimensions

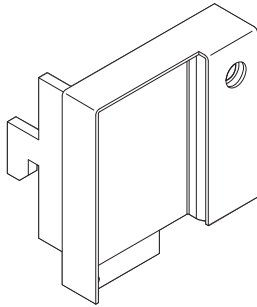
### Tile

Width	24", 30", 36", 42", or 48"
Height	7"





# Brackets



► Specifying, page 585

**Bumper rail brackets** allow for bumper rails to be mounted to the Montage frame to protect tiles from impact by carts, mobile equipment, and wheelchairs.

## Product Details

**Bumper rail bracket package** includes four brackets and attachment hardware to accommodate a bumper length of up to eight feet.

**Bumper rails** should be purchased separately by the customer. Montage frames will accommodate the same bumpers that are used in a facility's hallway, so the same bumper can be used for a consistent aesthetic.

## Connections

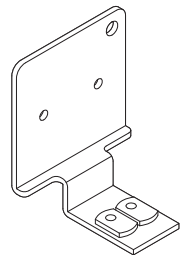
**Bumper rail brackets** are field installed onto the Montage frame. Pre-drilled holes allow for mounting at 6", 16", 22", or 27" from the floor to the middle of the bumper rail.

**The bracket** will allow the bumper rail to be positioned approximately 1" from the tile.

## Surface Materials

### Bracket

- Paint



► Specifying, page 585

**Millwork facade brackets** allow custom millwork fronts to be attached to the exterior of a Montage frame. This allows the workstation to look like millwork on the exterior while providing the performance and benefits of a modular system on the user side.

## Product Details

**Millwork facade bracket package** includes four brackets and attachment hardware to accommodate one frame.

## Connections

**Millwork facade brackets** are field installed on the Montage frame.

## Application Topics

**The creation of the custom facade** should begin after the overall dimensions and specification of the Montage workstation are planned. The workstation schematic must be developed before a facade design can be created since the facade needs to work around the size of the frame structure. After careful review and approval of the workstation, standard Montage components can be ordered minus the exterior tiles.

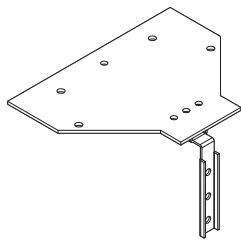
**Montage frame components** are recommended to be shipped directly to the mill worker so they can fit the custom front around the Montage frame. Allow enough time for the mill worker to complete this step before final installation is expected on site.

**Custom facades** must include a base that transfers the weight of the facade to the floor.

## Surface Materials

### Bracket

- Black paint



**Flat mount transaction top bracket** allows the transaction top to be attached directly on top of a Montage frame with steel top cap.

► Specifying, page 586

### Product Details

**Bracket package** includes two brackets and attachment hardware to accommodate all standard sized transaction tops. These brackets allow the use of a glass tile below the transaction top.

**Attachment to a 31"H Montage frame** provides an ideal transaction height to meet ADA requirements.

**Attachment to a 38"H Montage frame** accommodates both sitting and standing positions in a service counter height.

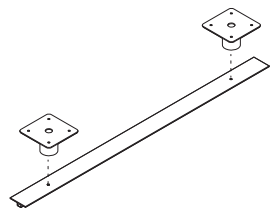
### Connections

**Flat mount transaction top brackets** are field installed only. Select the omit top cap option on the frame when this bracket package is ordered.

### Surface Materials

**Bracket**

- Paint



**Upmount transaction top bracket** allows the transaction top to be attached to the top of a Montage frame, and allows the transaction top to float 3 1/4" over the top of the frame.

► Specifying, page 586

### Product Details

**Bracket package** includes two brackets, attachment hardware, and top cap to accommodate all standard sized transaction tops. These brackets cannot be used on frames with glass tiles.

### Connections

**Upmount transaction top brackets** are field installed only.

### Surface Materials

**Bracket**

- Paint

**Top cap**

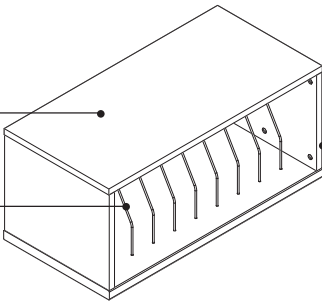
- Paint

# Patient Chart Box

**Patient chart box** is a pass-through unit that provides centralized storage for patient charts and easy chart retrieval for physicians, nurses, and unit clerks.

**Flat top** provides for a writing surface when updating charts.

**Wire dividers** are spaced evenly in the unit, 3¼" apart, providing adequate space for charts and binders.



**Height of chart box** allows the unit to be mounted on a 31"H frame and align flush with an adjoining 45"H frame.

## Product Details

**Patient chart box** is available in various lengths to match the frame lengths of Montage.

**The chart box** is also available in lengths that work well with an L-junction.

**The edge band color** will default to the recommended 3 mm edge color of the laminate.  
▶ See page 616.

**Flush and center mounting brackets** are available.

**A flush mount bracket** should not be used on a 31"H frame with worksurface below.

**Painted steel top cap option** must be specified for the frame supporting the chart box.

## Shipping

**Unit** is shipped knocked down.

## Surface Materials

**Top, bottom, and sides of unit**

- Laminate

**Edge band on top and sides**

- 1 mm edge

**Edge band on bottom**

- 3 mm edge

**Steel dividers**

- Platinum finish

## Actual Dimensions

Length	24", 27", 30", 33", 36", 39", 42", 45", 48", 51", 60", or 63"
Height	14½"
Depth	16"

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# Specifying Montage

<b>Specifying Tips</b>	<b>300</b>
<b>Compatibility Tips</b>	<b>304</b>
<b>Frames and Junctions</b>	<b>305</b>
<b>Frame Wiring and Cabling</b>	<b>341</b>
<b>Tiles</b>	<b>357</b>
<b>Worksurfaces and Related Products</b>	<b>377</b>
<b>Universal Steel Storage Products</b>	<b>499</b>
<b>Storage Tops, Shelves, and Accessories</b>	<b>557</b>
<b>Duo Storage Products</b>	<b>569</b>
 <b>Healthcare Components</b>	 <b>579</b>

# Specifying Tips

## General Tips

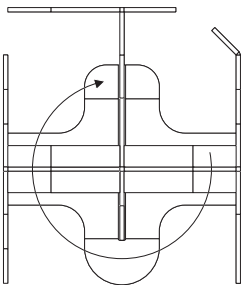
### Standard Includes

- Case: paint
- Waterfall or rod pulls
- Dividers in box drawers
- Hanging file folder rail in file
- Lock in top drawer, key ran
- Polished Chrome
- Leveling glide
- Left- and right-hand filler ar

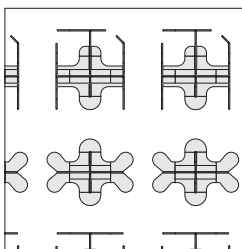
**Review** the features that are standard for each product before you begin to specify. You only need to include specifications for options, surface materials, and colors when you want a substitute for the standard.

To ensure that you do not overlook anything, approach the specifying process in a consistent order every time. Here are three common methods:

**Specify products according to their order** on the specifying pages.



**Specify all workstations using a formulated pattern**, such as starting at the entrance to a workstation and moving clockwise.



**Specify each type of workstation** in your installation and then determine how many of each type are needed.

## Frames

**Specify** style numbers for all base frames and stack-on frames.

**Specify** enhanced standard frames, enhanced off-module frames, or a mix of both types of enhanced frames.

**Specify** enhanced stackers for use on enhanced frames.

**Specify** standard stackers for use on standard frames.

**Specify** vertical slot cover to hide vertical slots on platinum and sterling frames.

**Specify** ZSEAL20DC for slot covers needed on 20"H desk cavity openings.

**Choose** frames with desk-height cavities factory in-stalled for positions where you want to install desk-height powerways.

**Keep track** of which frames you want to accommodate power, and you'll have an easy way to cross-check with your specifications for powerkits and base covers. 45"H, 55"H, and 65"H frames accommodate powerways in their bases or at desk-height. 10"H and 20"H frames accommodate cable routing but no other power distribution components.

**Plan** for 65"H or 86"H frames instead of a 45"H or 65"H frame with a 20"H frame stacked on top when the flexibility of variable heights is not needed. A single 65"H or 86"H frame will cost less than a 45"H or 65"H and a 20"H.

**Add** base covers and desk-height cavity covers to your list of specifications at the same time you specify frames so they are not overlooked.

**Specify** junctions by listing their style numbers and surface material.

**No junctions** are needed for frames that connect in a straight line at the same height or at different heights in off-module connections. But remember to specify end trim to finish the exposed portion of the taller frame.

**Junctions** are available to join frames in L, T, Y, X, V, and I configurations.

**Specify** a wall attachment bracket if you want a way to adjust space when installing a wall between two fixed points or when you suspect that the wall you want to connect frames to is not plumb. Remember that the 86"H wall attachment bracket has no top cap.

**Specify** enhanced frames for new customers and existing customers with new sites.

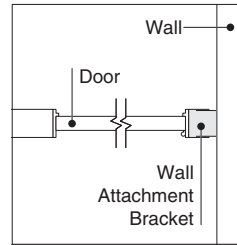
**Specify** end-of-frame or mid-frame off-module brackets when doing off-module frame connections.

## Frameless Glass

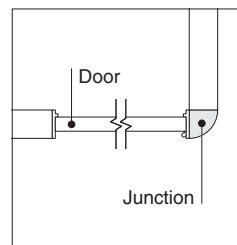
**Specify** frame without top cap on frames utilizing frameless glass stacker.

## Doors

**Remember** that door frames are not structural. Use a stack-on frame above a door frame to provide stability. For applications where no frame is going to be installed above the door, a special top cap linked to adjacent frames is required. Contact your Steelcase area office to discuss your application.



**Specify** a wall attachment bracket to attach one side of a door frame to a building wall.



**Use** a junction on one side of a door frame to allow adjacent frames to be perpendicular to the door.

**Determine** if you need a left-hand or right-hand door by picturing yourself standing in the door frame with your back against the side of the frame with the hinges. If the door swings to your left, it's a left-hand door. If the door swings to your right, it's a right-hand door.

## Wiring & Cabling

**Specify** a powerkit to correspond to the width of each frame with power. The frame-to-frame power connector cable that links adjacent powerkits together is included, so you don't need to order it.

**Keep track** of which surfaces will have desk-height cavity covers so that you can order smaller 13"H tiles for these frames.

**Choose** a base power-in to carry power from the floor of the building to the base of a frame. To extend power up to desk-height powerkits, you'll need to specify a base-to-desk-height power transfer cable. Remember that a power transfer cable must be routed through a junction.

**Choose** a top power-in to carry power from the ceiling down to either a powerkit at desk height or a powerkit in the frame base. Remember that a top power-in requires a power and cable pole of the appropriate size and that the power and cable pole must be positioned over a square L, T, or X junction to allow the top power-in cable to be routed.

**Order covers.** Plain base covers can be used in the bases of frames without powerkits or on the side of a frame where you don't want access to the powerkit's receptacle locations. Specify power base covers where you intend to have receptacles. Specify desk-height cavity covers for both sides of all the frames where you will have desk-height powerkits and want voice/data terminations and access to voice/data receptacles. Specify enhanced desk-height cavity covers for all frames manufactured after June 11, 2001.

**Specify** optional data openings below worksurface when extra voice/data plug-ins are needed.

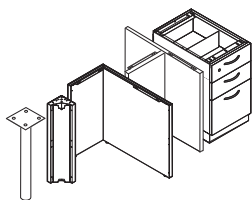
**Specify** optional cable tray below the worksurface on a desk-height cavity cover when additional cord management is needed.

**Specify** power receptacles, voice/data receptacles, and filler plates to fill all the openings in the power base covers and desk-height cavity covers.

► See page 62 for the positions of receptacle openings.

**Specify** Internode components when routing cable or power frame a spine wall to above or below worksurface mounts.

► See *Context Specification Guide*



**For Answer Freestanding desk installations** you can use:

- End supports
  - Peninsula supports
  - Corner support
  - Columns and legs
  - Modesty panels
  - Pedestals
  - Lateral files, storage cabinets, and bookcases
- Page 152

## Tiles

**Specify** the style numbers and surface materials of all the tiles.

**Draw** an elevation view of both sides of each run of frames in the installation to help make sure you're including all the components in your specification and to help guide the installation. See example on next page.

**Specify** enhanced tiles for all frames manufactured after June 11, 2001.

**Code** each tile type and size with colors or a simple notation. Remember that 20"H segments with desk-height powerways will require 13"H tiles instead of 20"H tiles to allow space for the desk-height cavity covers. 13"H segments on 38"H frames with desk-height powerways require 6"H tiles instead of 13"H tiles to allow space for the desk-height cavity covers. If you don't want access to the desk-height powerway's receptacle locations, you can use 20"H tiles on that side of the frame.

## Storage

**Specify** storage component style numbers, surface materials, and any specific keying information.

**Specify** off-module upper storage brackets for upper storage off-module applications.

## Lighting

**Specify** style number and surface materials for all lights.

### Example of Frame Run Elevations with Codes

<b>N30</b>	30" Non-Tackable (painted steel)	<b>N48</b>	48" Non-Tackable
<b>F30</b>	30" Non-Tackable (fabric over steel)	<b>H48</b>	48" High-Performance Acoustical
<b>H30x13</b>	30"W x 13"H High-Performance Acoustical	<b>S48</b>	48" Slatwall
<b>S30x13</b>	30"W x 13"H Slatwall	<b>G48</b>	48" Glass Package
<b>C30</b>	30" Desk Cavity Cover		

	30"	30"	48"	48"
	N30	N30	G48	G48
65"	N30	N30	N48	N48
	N30	N30	N48	N48

Side 1

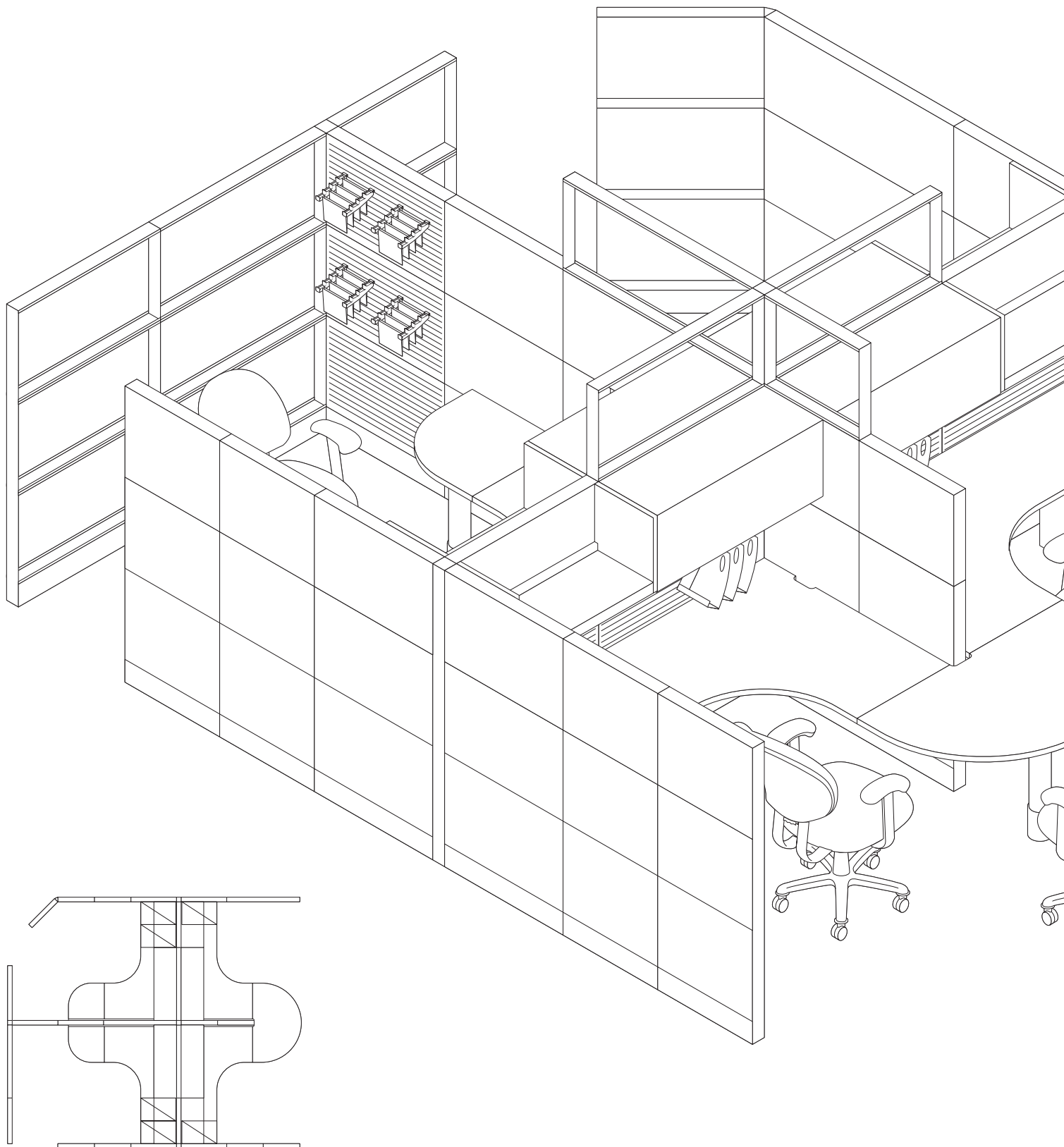
	48"	48"	30"	30"
	G48	G48	F30	F30
65"	H48	S48	S30x13	H30x13
	N48	N48	C30	C30

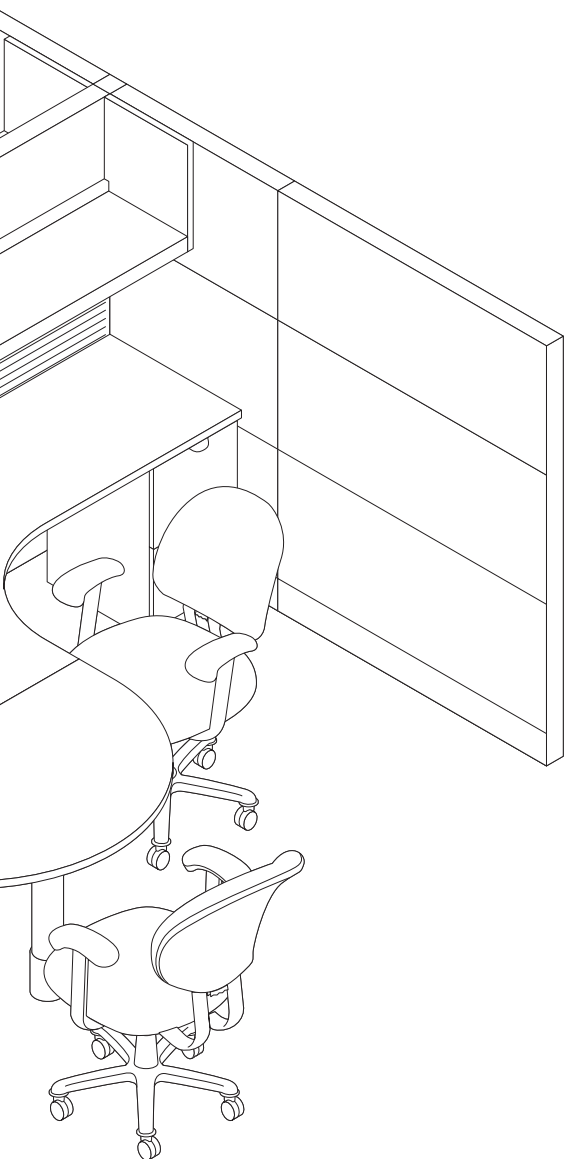
Side 2

### Actual Specification

8	ZTSE3020	30" x 20" non-tackable tiles (painted)
2	ZTSE3020	30" x 20" non-tackable tiles (fabric)
1	ZSWE3013	30" x 13" slatwall tile
1	ZTHE3013	30" x 13" high-performance acoustical
2	ZPDCE30	30" x 7" desk-height cavity covers
1	ZTHE4820	48" x 20" high-performance acoustical
6	ZTSE4820	48" x 20" non-tackable tiles
2	ZTGE4820	48" x 20" glass tile packages
1	ZSWE4820	48" x 20" slatwall tile

*Tip: Don't duplicate your order for glass tile packages. Each glass tile package contains TWO glass tiles, so one package is sufficient for both sides of a frame.*





## Example of Order

### Frames and Junctions

9	ZFE3065	30"W x 65"H frames
5	ZFE4865	48"W x 65"H frames
4	ZFE2445	24"W x 45"H frames
2	ZFE3045DC	30"W x 45"H frames with desk-height cavity
2	ZFE4845DC	48"W x 45"H frames with desk-height cavity
4	ZFE2420	24"W x 20"H frames
2	ZFE3020	30"W x 20"H frames
4	ZFE4820	48"W x 20"H frames
1	ZJX8888	X-junction 86"H
3	ZJT666	T-junction 65"H
1	ZJV66	V-junction 65"H
4	ZET20	20"H end trims
7	ZET65	65"H end trims

### Wiring and Cabling

5	ZB2PW30	30"W powerkits
6	ZB2PW48	48"W powerkits
1	ZB2BPIG	base power-in
1	Z2BDT	transfer cable base to desk height
18	ZB1R1SG	receptacles line 1
18	ZB1R2SG	receptacles line 2
18	ZB1R3SG	receptacles line 3
18	ZB1R4SG	receptacles line 4

### Base Covers

8	ZBC24	24"W plain base covers
16	ZBC30	30"W plain base covers
6	ZBC48	48"W plain base covers
6	ZPBC30B	30"W power base covers
8	ZPBC48B	48"W power base covers

### Tiles

16	ZTSE2420	24"W x 20"H non-tackable tiles
4	ZTGE2420	24"W x 20"H glass tile package
38	ZTSE3020	30"W x 20"H non-tackable tiles
9	ZTGE3020	30"W x 20"H glass tile package
6	ZSWE3020	30"W x 20"H slatwall tiles
4	ZSWE3013	30"W x 13"H slatwall tiles
30	ZTSE4820	48"W x 20"H non-tackable tiles
6	ZTGE4820	48"W x 20"H glass tile package
4	ZSWE4813	48"W x 13"H slatwall tiles
4	ZPEDC30B	30"W desk-height cavity covers
4	ZPEDC48B	48"W desk-height cavity covers

### Worksurfaces

1	USPC51P	51"W spanner worksurface with P-edge
2	US2430P	24"D x 30"W straight worksurface with P-edge
4	UCC224848	Corner worksurface with P-edge
1	UV2430LP	Visitor worksurface with P-edge
1	UV2430RP	Visitor worksurface with P-edge
3	ZAP	Adjustable columns
3	ZBES	Side-support brackets
8	ZUCANT	Shared cantilevers

### Storage

4	ZUP24BBFLW	box/box/file pedestals
2	ZUP24FFLW	file/file pedestals
4	ZBBL48	48"W binder bin with lock
4	ZBS30	30"W shelves with lock

### Lighting

4	LSM24K	shelf lights
4	LSM36K	shelf lights
8	ZWM20	vertical wire managers

### Slatwall Worktools

► See *Steelcase Worktools Specification Guide*



# Compatibility Tips

## Montage Frames/Tiles Compatibility Matrix

	Frameless Glass Stackers	Standard Stackers	Enhanced Stackers	Standard Tiles	Enhanced Monolithic Tiles	Enhanced Tiles	Enhanced Desk-High Cavity Covers	Standard Desk-High Cavity Covers	Standard Pedestals	Off-Module Pedestals	Off-Module Upper Storage Bracket	Standard End Panels	Off-Module End Panels	Off-Module Worksurface Bracket	Off-Module Panel Bracket	Powerway	Retrofit Powerkit	Powerkit
<b>Standard Frame</b> Shipped before 7/16/01		•		•				•	•			•				•	○	
<b>Standard Frame</b> Shipped on or after 7/16/01		•		•		•	•	•	•			•				•		•
<b>Enhanced Standard Frame</b>	•		•	*		•	•		•			•				•		•
<b>Enhanced Off-Module Frame</b>	•		•			•	•		•	•	•	•	•	•	•	•		•
<b>Enhanced Monolithic Frame</b>	•		*	•	•	•		•			•				•		•	
<b>Single and Double Pocket Doors</b> Shipped on or after 10/18/04			•	•		•												
<b>Single and Double Pocket Doors</b> Shipped before 10/18/04				•		•												

Note: Base covers and desk-height cavity covers for use with the powerway system or retrofit powerkits must be ordered through the Specials Program.

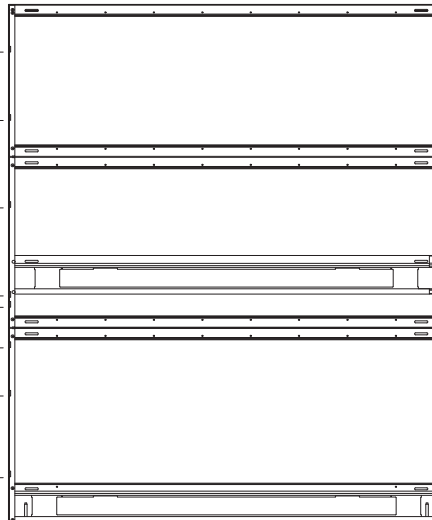
Note: Glass tiles manufactured before 6/1/2010 are visually different than tiles produced after that date.

Note: Pocket doors shipped before October 18, 2004, require a standard tile to be used in the top segment of the pocket frame. Enhanced tiles can be used on the lower segments.

Note: Pocket doors are compatible with all standard tiles, except standard glass tiles.

## Connectivity Slots for Montage

60 <sup>1</sup> / <sub>8</sub> "H	Overhead unit	
49 <sup>5</sup> / <sub>8</sub> "H	Overhead unit or shelf	
39 <sup>1</sup> / <sub>16</sub> "H	Standing height worksurface support or transaction top bracket	
28 <sup>1</sup> / <sub>16</sub> "H	Standing height worksurface support	
26 <sup>7</sup> / <sub>8</sub> "H	Standard height worksurface support	
21 <sup>7</sup> / <sub>8</sub> "H	Standard height worksurface support	
15 <sup>7</sup> / <sub>8</sub> "H	Standard height worksurface support	
5 <sup>7</sup> / <sub>8</sub> "H	Fence post connection	



### Legend

- = Compatible
- \* = Tackable acoustical, high-performance acoustical, steel, laminate, and markerboard standard tiles can be modified to work on enhanced standard and enhanced monolithic frames. A transition kit is available through Service Parts.
- = Retrofit powerkit must be used in frames manufactured prior to March 21, 2000. The standard powerkit cannot be used.

---

# Specifying Frames and Junctions

## Frames

Enhanced Monolithic Frames	306
Horizontal Filler Strips and Vertical Slot Covers	308
Enhanced Standard Frames	310
Enhanced 10"H and 20"H Single Stack-On Frames	312
Enhanced Off-Module Frames	314
Enhanced Off-Module Frame Attachment Brackets	316
Door Frames	317
Doors and Lever Sets	318
Single Pocket Doors	319
Double Pocket Doors	320

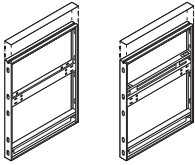
## Frame Junction Kits

Square L-Junctions	321
Radius L-Junctions	322
Chamfered L-Junctions	323
T-Junctions	324
X-Junctions	326
Y-Junctions	330
V-Junctions	332
I-Junctions	333

## Trims and Brackets

Extended Steel Top Caps	334
Wood Top Caps	335
Vertical End Trims	336
Wall-Attachment Bracket	337
Floor Anchor Bracket	337
Fence Connectors	338
Posts	339
Beams	340

# Enhanced Monolithic Frames



*Tip: Enhanced monolithic frames accommodate enhanced monolithic tiles or enhanced segmented tiles. A horizontal filler strip, ordered separately, must be used at each location where tile segmentation occurs.*

*Tip: Desk-height cavity can be covered with a 20"H tile. Tile cannot be slatwall, high-performance acoustical, or perforated non-tackable.*

*Tip: Montage frames do not accept overheads or shelves on any base frame below 65"H.*

*Tip: Open base frames cannot accept any powerkits or data termination.*

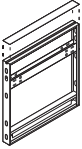
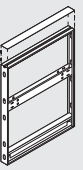
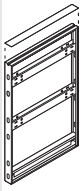
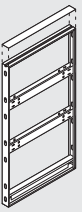
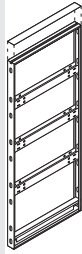
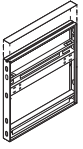
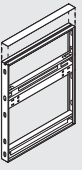
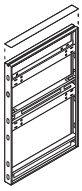
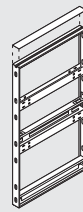
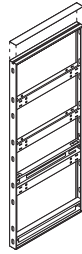
	Standard Includes	Required to Specify
► Need help? Product details, page 16	<ul style="list-style-type: none"> <li>• Frame: paint</li> <li>• Top cap: all paint price groups</li> <li>• Base cavity</li> <li>• Desk-height cavity, if selected</li> <li>• In-line connector hardware</li> </ul>	1 Style number 2 Frame color number (see options below) 3 Paint color number for top cap 4 Options, if selected (see below) ► See <i>Surface Materials</i> , page 604.

	Options	U.S. Price	Required to Specify
<b>Surface Materials</b>	<ul style="list-style-type: none"> <li>• Paint price group 1</li> <li>• Paint price group 2</li> <li>• Paint price group 3</li> </ul>	No cost +\$44 +\$55	Specify paint color number. Specify paint color number. Specify paint color number.
<b>Top Cap</b>	<ul style="list-style-type: none"> <li>• Omit top cap</li> </ul>	No cost	Specify <i>omit top cap</i> .
<b>Related Products</b>	<ul style="list-style-type: none"> <li>• Horizontal filler strips</li> <li>• Frame junction kits</li> <li>• Wood top caps</li> <li>• Vertical end trims</li> <li>• Frame wiring and cabling</li> <li>• Base covers</li> <li>• Enhanced desk-height cavity covers</li> <li>• Enhanced monolithic tiles</li> <li>• Enhanced tiles</li> </ul>		► Page 308 ► Page 321 ► Page 335 ► Page 336 ► Page 342 ► Page 351 ► Page 353 ► Pages 358–360 ► Pages 364–372



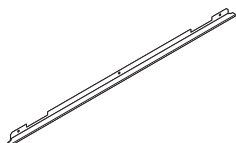
**For Canadian Pricing**  
 Multiply U.S. Price by the  
 Canadian price factor.  
 ► See page 1 for details.

## Specification Information

38"H Monolithic			45"H Monolithic			55"H Monolithic			65"H Monolithic			86"H Monolithic		
														
with base cavity			with base cavity			with base cavity			with base cavity			with base cavity		
														
with base and desk-height cavities			with base and desk-height cavities			with base and desk-height cavities			with base and desk-height cavities			with base and desk-height cavities		
Width	Style Number	U.S. Base Price	Style Number	U.S. Base Price	Style Number	U.S. Base Price	Style Number	U.S. Base Price	Style Number	U.S. Base Price	Style Number	U.S. Base Price	Style Number	U.S. Base Price
<b>With Base Cavity</b>														
18"	<b>ZFM1838</b>	\$285	<b>ZFM1845</b>	\$311	<b>ZFM1855</b>	\$364	<b>ZFM1865</b>	\$387	<b>ZFM1886</b>	\$481				
24"	<b>ZFM2438</b>	\$316	<b>ZFM2445</b>	\$342	<b>ZFM2455</b>	\$395	<b>ZFM2465</b>	\$419	<b>ZFM2486</b>	\$524				
30"	<b>ZFM3038</b>	\$345	<b>ZFM3045</b>	\$372	<b>ZFM3055</b>	\$431	<b>ZFM3065</b>	\$455	<b>ZFM3086</b>	\$570				
36"	<b>ZFM3638</b>	\$374	<b>ZFM3645</b>	\$403	<b>ZFM3655</b>	\$464	<b>ZFM3665</b>	\$493	<b>ZFM3686</b>	\$618				
42"	<b>ZFM4238</b>	\$405	<b>ZFM4245</b>	\$434	<b>ZFM4255</b>	\$498	<b>ZFM4265</b>	\$530	<b>ZFM4286</b>	\$663				
48"	<b>ZFM4838</b>	\$431	<b>ZFM4845</b>	\$462	<b>ZFM4855</b>	\$536	<b>ZFM4865</b>	\$566	<b>ZFM4886</b>	\$706				
<b>With Base and Desk-Height Cavities</b>														
24"	<b>ZFM2438DC</b>	\$407	<b>ZFM2445DC</b>	\$443	<b>ZFM2455DC</b>	\$489	<b>ZFM2465DC</b>	\$517	<b>ZFM2486DC</b>	\$646				
30"	<b>ZFM3038DC</b>	\$447	<b>ZFM3045DC</b>	\$488	<b>ZFM3055DC</b>	\$532	<b>ZFM3065DC</b>	\$564	<b>ZFM3086DC</b>	\$704				
36"	<b>ZFM3638DC</b>	\$495	<b>ZFM3645DC</b>	\$535	<b>ZFM3655DC</b>	\$574	<b>ZFM3665DC</b>	\$610	<b>ZFM3686DC</b>	\$763				
42"	<b>ZFM4238DC</b>	\$561	<b>ZFM4245DC</b>	\$577	<b>ZFM4255DC</b>	\$619	<b>ZFM4265DC</b>	\$657	<b>ZFM4286DC</b>	\$818				
48"	<b>ZFM4838DC</b>	\$591	<b>ZFM4845DC</b>	\$625	<b>ZFM4855DC</b>	\$661	<b>ZFM4865DC</b>	\$700	<b>ZFM4886DC</b>	\$876				
<b>With Open Base Cavity</b>														
18"	<b>ZFM1838OB</b>	\$328	<b>ZFM1845OB</b>	\$354	<b>ZFM1855OB</b>	\$407	<b>ZFM1865OB</b>	\$430	<b>ZFM1886OB</b>	\$524				
24"	<b>ZFM2438OB</b>	\$359	<b>ZFM2445OB</b>	\$385	<b>ZFM2455OB</b>	\$438	<b>ZFM2465OB</b>	\$462	<b>ZFM2486OB</b>	\$567				
30"	<b>ZFM3038OB</b>	\$388	<b>ZFM3045OB</b>	\$415	<b>ZFM3055OB</b>	\$474	<b>ZFM3065OB</b>	\$498	<b>ZFM3086OB</b>	\$613				
36"	<b>ZFM3638OB</b>	\$417	<b>ZFM3645OB</b>	\$446	<b>ZFM3655OB</b>	\$507	<b>ZFM3665OB</b>	\$536	<b>ZFM3686OB</b>	\$661				
42"	<b>ZFM4238OB</b>	\$448	<b>ZFM4245OB</b>	\$477	<b>ZFM4255OB</b>	\$541	<b>ZFM4265OB</b>	\$573	<b>ZFM4286OB</b>	\$706				
48"	<b>ZFM4838OB</b>	\$474	<b>ZFM4845OB</b>	\$505	<b>ZFM4855OB</b>	\$579	<b>ZFM4865OB</b>	\$609	<b>ZFM4886OB</b>	\$749				
<b>With Open Base and Desk-Height Cavities</b>														
18"	<b>ZFM1838DCOB</b>	\$421	<b>ZFM1845DCOB</b>	\$455	<b>ZFM1855DCOB</b>	\$498	<b>ZFM1865DCOB</b>	\$530	<b>ZFM1886DCOB</b>	\$643				
24"	<b>ZFM2438DCOB</b>	\$450	<b>ZFM2445DCOB</b>	\$486	<b>ZFM2455DCOB</b>	\$532	<b>ZFM2465DCOB</b>	\$560	<b>ZFM2486DCOB</b>	\$689				
30"	<b>ZFM3038DCOB</b>	\$490	<b>ZFM3045DCOB</b>	\$531	<b>ZFM3055DCOB</b>	\$575	<b>ZFM3065DCOB</b>	\$607	<b>ZFM3086DCOB</b>	\$747				
36"	<b>ZFM3638DCOB</b>	\$538	<b>ZFM3645DCOB</b>	\$578	<b>ZFM3655DCOB</b>	\$617	<b>ZFM3665DCOB</b>	\$653	<b>ZFM3686DCOB</b>	\$806				
42"	<b>ZFM4238DCOB</b>	\$604	<b>ZFM4245DCOB</b>	\$620	<b>ZFM4255DCOB</b>	\$662	<b>ZFM4265DCOB</b>	\$700	<b>ZFM4286DCOB</b>	\$861				
48"	<b>ZFM4838DCOB</b>	\$634	<b>ZFM4845DCOB</b>	\$668	<b>ZFM4855DCOB</b>	\$704	<b>ZFM4865DCOB</b>	\$743	<b>ZFM4886DCOB</b>	\$919				

# Horizontal Filler Strips and Vertical Slot Covers

## Horizontal Filler Strips



*Tip: Only for use on enhanced monolithic frames when using segmented files.*

Standard Includes	Required to Specify
<ul style="list-style-type: none"> <li>► Need help? Product details, page 19</li> <li>• Filler strip: paint</li> <li>• Attachment hardware</li> </ul>	<ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Paint color number for filler strip</li> <li>► See <i>Surface Materials</i>, page 604.</li> </ul>

### Specification Information

Width	Style Number	U.S. Price
18"	<b>ZFF18</b>	\$ 8
24"	<b>ZFF24</b>	\$11
30"	<b>ZFF30</b>	\$12
36"	<b>ZFF36</b>	\$14
42"	<b>ZFF42</b>	\$16
48"	<b>ZFF48</b>	\$17
:	:	:



### For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.

## Vertical Slot Covers



*Tip: Slot cover can be moved to the side to allow access to slot if needed.*

*Tip: Each package includes two covers.*

*Tip: Order ZSEAL20DC for slot covers needed on 20" desk cavity tile.*

*Tip: Vertical slot covers will not work in segments with slatwall or glass tiles.*

Standard Includes	Required to Specify
<p>► Need help? Product details, page 27</p> <ul style="list-style-type: none"> <li>Two painted slot covers: paint</li> </ul>	<p>1 Style number 2 Paint color number for slot covers</p> <p>► See <i>Surface Materials</i>, page 604.</p>

### Specification Information

Height	Style Number	U.S. Price
10"H	<b>ZSEAL10</b>	\$18
13"H	<b>ZSEAL13</b>	\$18
20"H	<b>ZSEAL20</b>	\$18
20"HDC	<b>ZSEAL20DC</b>	\$18

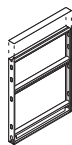


### For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.

# Enhanced Standard Frames



*Tip: Desk-height cavity can be covered with a 20"H tile. Tile cannot be slatwall, high-performance acoustical, or perforated non-tackable.*

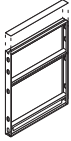
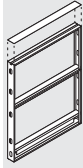
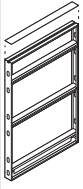
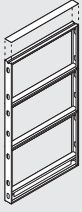
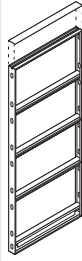
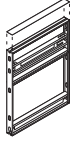
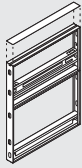

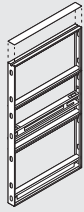

*Tip: Montage frames do not accept overheads or shelves on any base frame below 65"H.*

Standard Includes		Required to Specify	
► Need help? Product details, page 20	<ul style="list-style-type: none"> <li>• Frame: paint</li> <li>• Top cap: all paint price groups</li> <li>• Base cavity</li> <li>• Desk-height cavity, if selected</li> <li>• In-line connector hardware</li> </ul>	1 Style number 2 Frame color number (see options below) 3 Paint color number for top cap 4 Options, if selected (see below) ► See <i>Surface Materials</i> , page 604.	
Options		Required to Specify	
<b>Surface Materials</b>	<ul style="list-style-type: none"> <li>• Paint price group 1</li> <li>• Paint price group 2</li> <li>• Paint price group 3</li> </ul>	No cost +\$44 +\$55	Specify paint color number. Specify paint color number. Specify paint color number.
<b>Top Cap</b>	<ul style="list-style-type: none"> <li>• Omit top cap</li> </ul>	No cost	Specify <i>omit top cap</i> .
<b>Related Products</b>	<ul style="list-style-type: none"> <li>• Frame junction kits</li> <li>• Wood top caps</li> <li>• Vertical end trims</li> <li>• Frame wiring and cabling</li> <li>• Base covers</li> <li>• Enhanced desk-height cavity covers</li> <li>• Enhanced tiles</li> </ul>		<ul style="list-style-type: none"> <li>► Page 321</li> <li>► Page 335</li> <li>► Page 336</li> <li>► Page 342</li> <li>► Page 351</li> <li>► Page 353</li> <li>► Pages 364–372</li> </ul>



**For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
► See page 1 for details.

## Specification Information

38"H Two-High			45"H Two-High			55"H Three-High			65"H Three-High			86"H Four-High		
														
with base cavity			with base cavity			with base cavity			with base cavity			with base cavity		
														
with base and desk-height cavities			with base and desk-height cavities			with base and desk-height cavities			with base and desk-height cavities			with base and desk-height cavities		
Width	Style Number	U.S. Base Price	Style Number	U.S. Base Price	Style Number	U.S. Base Price	Style Number	U.S. Base Price	Style Number	U.S. Base Price	Style Number	U.S. Base Price	Style Number	U.S. Base Price
<b>With Base Cavity</b>														
18"	<b>ZFE1838</b>	\$285	<b>ZFE1845</b>	\$311	<b>ZFE1855</b>	\$364	<b>ZFE1865</b>	\$387	<b>ZFE1886</b>	\$481				
24"	<b>ZFE2438</b>	\$316	<b>ZFE2445</b>	\$342	<b>ZFE2455</b>	\$395	<b>ZFE2465</b>	\$419	<b>ZFE2486</b>	\$527				
30"	<b>ZFE3038</b>	\$345	<b>ZFE3045</b>	\$373	<b>ZFE3055</b>	\$431	<b>ZFE3065</b>	\$455	<b>ZFE3086</b>	\$571				
36"	<b>ZFE3638</b>	\$374	<b>ZFE3645</b>	\$403	<b>ZFE3655</b>	\$464	<b>ZFE3665</b>	\$493	<b>ZFE3686</b>	\$622				
42"	<b>ZFE4238</b>	\$405	<b>ZFE4245</b>	\$434	<b>ZFE4255</b>	\$499	<b>ZFE4265</b>	\$532	<b>ZFE4286</b>	\$663				
48"	<b>ZFE4838</b>	\$431	<b>ZFE4845</b>	\$462	<b>ZFE4855</b>	\$536	<b>ZFE4865</b>	\$566	<b>ZFE4886</b>	\$706				
<b>With Base and Desk-Height Cavities</b>														
24"	<b>ZFE2438DC</b>	\$407	<b>ZFE2445DC</b>	\$443	<b>ZFE2455DC</b>	\$489	<b>ZFE2465DC</b>	\$517	<b>ZFE2486DC</b>	\$646				
30"	<b>ZFE3038DC</b>	\$447	<b>ZFE3045DC</b>	\$488	<b>ZFE3055DC</b>	\$532	<b>ZFE3065DC</b>	\$564	<b>ZFE3086DC</b>	\$704				
36"	<b>ZFE3638DC</b>	\$495	<b>ZFE3645DC</b>	\$536	<b>ZFE3655DC</b>	\$574	<b>ZFE3665DC</b>	\$610	<b>ZFE3686DC</b>	\$762				
42"	<b>ZFE4238DC</b>	\$561	<b>ZFE4245DC</b>	\$577	<b>ZFE4255DC</b>	\$619	<b>ZFE4265DC</b>	\$657	<b>ZFE4286DC</b>	\$820				
48"	<b>ZFE4838DC</b>	\$591	<b>ZFE4845DC</b>	\$625	<b>ZFE4855DC</b>	\$661	<b>ZFE4865DC</b>	\$700	<b>ZFE4886DC</b>	\$876				

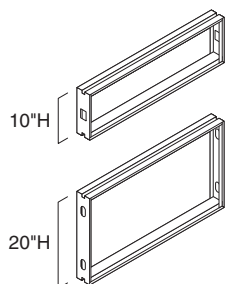
**For Canadian Pricing**

Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.



# Enhanced 10"H and 20"H Single Stack-On Frames



Standard Includes		Required to Specify	
► Need help? Product details, page 21	<ul style="list-style-type: none"> <li>Frame: paint</li> </ul>	1 Style number 2 Frame color number (see options below) 3 Options, if selected (see below) ► See <i>Surface Materials</i> , page 604.	
Options		U.S. Price	Required to Specify
<b>Surface Materials</b>	• Paint price group 1	No cost	Specify paint color number.
	• Paint price group 2	+\$14	Specify paint color number.
	• Paint price group 3	+\$23	Specify paint color number.
<b>Related Products</b>	• Wood top caps		► Page 335
	• Vertical end trims		► Page 336
	• Frame wiring and cabling		► Page 342
	• Enhanced tiles		► Pages 364–372

## Specification Information

Width	Style Number	U.S. Base Price	Width	Style Number	U.S. Base Price
18"	ZFE1810	\$131	18"	ZFE1820	\$135
24"	ZFE2410	\$144	24"	ZFE2420	\$152
30"	ZFE3010	\$156	30"	ZFE3020	\$164
36"	ZFE3610	\$166	36"	ZFE3620	\$176
42"	ZFE4210	\$178	42"	ZFE4220	\$187
48"	ZFE4810	\$187	48"	ZFE4820	\$201

## Enhanced Standard Single Stack-On Frames

10"H Frames			20"H Frames		
18"	<b>ZFE1810</b>	\$131	18"	<b>ZFE1820</b>	\$135
24"	<b>ZFE2410</b>	\$144	24"	<b>ZFE2420</b>	\$152
30"	<b>ZFE3010</b>	\$156	30"	<b>ZFE3020</b>	\$164
36"	<b>ZFE3610</b>	\$166	36"	<b>ZFE3620</b>	\$176
42"	<b>ZFE4210</b>	\$178	42"	<b>ZFE4220</b>	\$187
48"	<b>ZFE4810</b>	\$187	48"	<b>ZFE4820</b>	\$201

## Enhanced Off-Module Single Stack-On Frames

10"H Frames			20"H Frames		
18"	<b>ZFOM1810</b>	\$154	18"	<b>ZFOM1820</b>	\$164
24"	<b>ZFOM2410</b>	\$165	24"	<b>ZFOM2420</b>	\$176
30"	<b>ZFOM3010</b>	\$180	30"	<b>ZFOM3020</b>	\$191
36"	<b>ZFOM3610</b>	\$191	36"	<b>ZFOM3620</b>	\$208
42"	<b>ZFOM4210</b>	\$208	42"	<b>ZFOM4220</b>	\$219
48"	<b>ZFOM4810</b>	\$218	48"	<b>ZFOM4820</b>	\$235



**For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
► See page 1 for details.



# Enhanced Off-Module Frames



*Tip: Desk-height cavity can be covered with a 20"H tile. Tile cannot be slatwall, high-performance acoustical, or perforated non-tackable.*


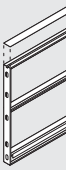



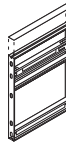

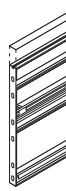
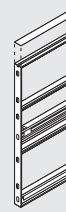

*Tip: Montage frames do not accept overheads or shelves on any base frame below 65"H.*

Standard Includes		Required to Specify
► Need help? Product details, page 24	<ul style="list-style-type: none"> <li>• Frame: paint</li> <li>• Top cap: all paint price groups</li> <li>• Base cavity</li> <li>• Desk-height cavity, if selected</li> <li>• In-line connector hardware</li> </ul>	1 Style number 2 Paint color number for top cap 3 Options, if selected (see below) ► See <i>Surface Materials</i> , page 604.
Options		Required to Specify
<b>Surface Materials</b>	<ul style="list-style-type: none"> <li>• Paint price group 1 No cost</li> <li>• Paint price group 2 +\$44</li> <li>• Paint price group 3 +\$55</li> </ul>	Specify paint color number. Specify paint color number. Specify paint color number.
<b>Top Cap</b>	<ul style="list-style-type: none"> <li>• Omit top cap No cost</li> </ul>	Specify <i>omit top cap</i> .
<b>Related Products</b>	<ul style="list-style-type: none"> <li>• Enhanced off-module frame attachment brackets</li> <li>• Wood top caps</li> <li>• Vertical end trims</li> <li>• Frame wiring and cabling</li> <li>• Base covers</li> <li>• Enhanced desk-height cavity covers</li> <li>• Enhanced tiles</li> </ul>	► Page 316 ► Page 335 ► Page 336 ► Page 342 ► Page 351 ► Page 353 ► Pages 364–372



**For Canadian Pricing**  
 Multiply U.S. Price by the  
 Canadian price factor.  
 ► See page 1 for details.

## Specification Information

38"H Two-High			45"H Two-High			55"H Three-High			65"H Three-High			86"H Four-High		
														
with base cavity			with base cavity			with base cavity			with base cavity			with base cavity		
														
with base and desk-height cavities			with base and desk-height cavities			with base and desk-height cavities			with base and desk-height cavities			with base and desk-height cavities		
W	Style Number	U.S. Base Price	Style Number	U.S. Base Price	Style Number	U.S. Base Price	Style Number	U.S. Base Price	Style Number	U.S. Base Price	Style Number	U.S. Base Price		
With Base Cavity														
18"	ZFOM1838	\$374	ZFOM1845	\$374	ZFOM1855	\$443	ZFOM1865	\$469	ZFOM1886	\$ 596				
24"	ZFOM2438	\$400	ZFOM2445	\$400	ZFOM2455	\$464	ZFOM2465	\$496	ZFOM2486	\$ 622				
30"	ZFOM3038	\$437	ZFOM3045	\$437	ZFOM3055	\$499	ZFOM3065	\$538	ZFOM3086	\$ 668				
36"	ZFOM3638	\$475	ZFOM3645	\$475	ZFOM3655	\$543	ZFOM3665	\$580	ZFOM3686	\$ 726				
42"	ZFOM4238	\$503	ZFOM4245	\$503	ZFOM4255	\$582	ZFOM4265	\$625	ZFOM4286	\$ 782				
48"	ZFOM4838	\$543	ZFOM4845	\$543	ZFOM4855	\$621	ZFOM4865	\$663	ZFOM4886	\$ 828				
:	:	:	:	:	:	:	:	:	:	:				
With Base and Desk-Height Cavities														
24"	ZFOM2438DC	\$519	ZFOM2445DC	\$519	ZFOM2455DC	\$570	ZFOM2465DC	\$610	ZFOM2486DC	\$ 763				
30"	ZFOM3038DC	\$572	ZFOM3045DC	\$572	ZFOM3055DC	\$621	ZFOM3065DC	\$663	ZFOM3086DC	\$ 828				
36"	ZFOM3638DC	\$625	ZFOM3645DC	\$625	ZFOM3655DC	\$668	ZFOM3665DC	\$716	ZFOM3686DC	\$ 894				
42"	ZFOM4238DC	\$679	ZFOM4245DC	\$679	ZFOM4255DC	\$718	ZFOM4265DC	\$767	ZFOM4286DC	\$ 960				
48"	ZFOM4838DC	\$731	ZFOM4845DC	\$731	ZFOM4855DC	\$767	ZFOM4865DC	\$822	ZFOM4886DC	\$1026				



### For Canadian Pricing

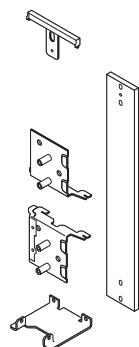
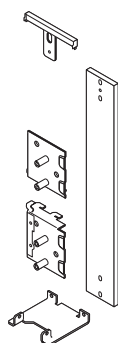
Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.

# Enhanced Off-Module Frame Attachment Brackets

Tip: Brackets will not work over dome pattern tiles.

Tip: Off-module frame placement over glass is limited to one row of glass above 45".



## Standard Includes

- Need help? Product details, page 25
- Package of brackets: 0835 Black
- End-of-panel seal: 6000 Black plastic or 6659 Light Grey plastic

## Required to Specify

- 1 Style number
- 2 Plastic color number for end-of-panel seal: 6000 Black 6659 Light Grey

## Specification Information

Corresponding Frame Height	Style Number	U.S. Price
----------------------------	--------------	------------

### For End-of-Frame Connection

38"	<b>ZBFOME38</b>	\$ 78
45"	<b>ZBFOME45</b>	\$ 92
55"	<b>ZBFOME55</b>	\$112
65"	<b>ZBFOME65</b>	\$139
86"	<b>ZBFOME86</b>	\$169
:	:	:

### For Mid-Frame and In-Line Connection

38"	<b>ZBFOMW38</b>	\$ 78
45"	<b>ZBFOMW45</b>	\$ 92
55"	<b>ZBFOMW55</b>	\$112
65"	<b>ZBFOMW65</b>	\$139
86"	<b>ZBFOMW86</b>	\$169
:	:	:



## For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

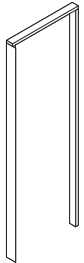
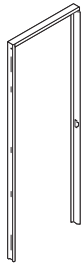
► See page 1 for details.

*Tip: Door frames are not structural. Use a stack-on frame above a doorway to provide stability.*

*Tip: You can order hollow-core doors locally to install in Montage door frames.*  
▶ Page 28

*Tip: Special four-hinge frames required for veneer or heavier custom doors.*

*Tip: Special door tie plate is required in installations where no frames are installed above the door. Contact your local area Steelcase office for details about special product applications.*



Standard Includes		Required to Specify
▶ Need help? Product details, page 28	• Door frame with butt hinges: paint price group 1	1 Style number 2 Paint color number for door frame 3 Options, if selected (see below) ▶ See <i>Surface Materials</i> , page 604.

Options	U.S. Price	Required to Specify
<b>Surface Materials</b>	• Paint price group 1 • Paint price group 2 • Paint price group 3	No cost +\$ 6 +\$10  Specify paint color number. Specify paint color number. Specify paint color number.
<b>Related Products</b>	• Doors • Door lever sets	▶ Page 318 ▶ Page 318

## Specification Information

Dimensions	Style	U.S.
W H	Number	Base Price
:	:	:
:	:	:
:	:	:

## Left-Hand Door Frames

30"	86"	<b>ZDF3086LH</b>	\$377
36"	86"	<b>ZDF3686LH</b>	\$418
42"	86"	<b>ZDF4286LH</b>	\$457
:	:	:	:

## Right-Hand Door Frames

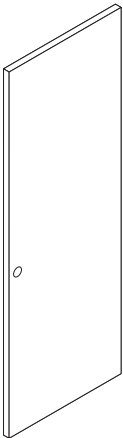
30"	86"	<b>ZDF3086RH</b>	\$377
36"	86"	<b>ZDF3686RH</b>	\$418
42"	86"	<b>ZDF4286RH</b>	\$457
:	:	:	:



**For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
▶ See page 1 for details.

# Doors and Lever Sets

## Doors



Tip: Door lever sets must be ordered separately.

► See specification information below.

Standard Includes	Required to Specify
<ul style="list-style-type: none"> <li>Need help? Product details, page 28</li> <li>Door: laminate</li> <li>2 1/8"-diameter knob-set hole offset 2 3/4" and 1"-diameter latch hole pre-drilled</li> </ul>	<ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Laminate color number for door</li> <li>3 Options, if selected (see below)</li> <li>► See <i>Surface Materials</i>, page 604.</li> </ul>

Options	U.S. Price	Required to Specify
<b>Surface Materials</b> <ul style="list-style-type: none"> <li>Door</li> <li>Open Line laminate</li> </ul>	+\$69 plus cost of laminate	► See <i>Surface Materials Reference Manual</i> .
<b>Related Products</b> <ul style="list-style-type: none"> <li>Door frames</li> </ul>		► Page 317

### Specification Information

Dimensions	Style	U.S.
D W H	Number	Base Price

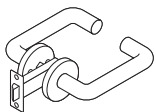
### Left-Hand Doors

1 3/8"	30"	86"	<b>ZD3086LH</b>	\$1302
1 3/8"	36"	86"	<b>ZD3686LH</b>	\$1558
1 3/8"	42"	86"	<b>ZD4286LH</b>	\$1817

### Right-Hand Doors

1 3/8"	30"	86"	<b>ZD3086RH</b>	\$1302
1 3/8"	36"	86"	<b>ZD3686RH</b>	\$1558
1 3/8"	42"	86"	<b>ZD4286RH</b>	\$1817

## Door Lever Sets



Standard Includes	Required to Specify
<ul style="list-style-type: none"> <li>Door lever set without lock: black</li> <li>Locking door lever set: brushed stainless</li> </ul>	Style number

### Specification Information

Dimensions	Style	U.S.
D W H	Number	Price

### For Single Non-Locking Door

10"	7"	3"	<b>ZDL</b>	\$754

### For Single Locking Door

10"	7"	3"	<b>ZDLL</b>	\$820



### For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.

# Single Pocket Doors

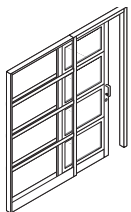
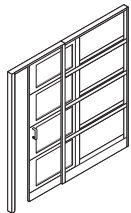
Single Pocket Doors

*Tip: Eight enhanced segmented tiles and two plain base covers must be ordered separately for pocket frame.*  
▶ Pages 352 and 364

*Tip: Refer to the Montage Frames/Tiles Compatibility Matrix for more information.*  
▶ Page 304

*Tip: Slatwall, high-performance acoustical, monolithic, and perforated non-tackable tiles cannot be installed on pocket frames.*

*Tip: Only pocket door glass tiles will fit in pocket door frames.*



Standard Includes	Required to Specify
<p>▶ Need help? Product details, page 30</p> <ul style="list-style-type: none"> <li>86"H pocket frame: black paint</li> <li>86"H door with four clear glass tiles: 6500 Clear Glass</li> <li>Trim (header with in-line lock post and top cap): all paint price groups</li> <li>Door handle: paint to match pocket frame</li> <li>Lock</li> </ul>	<ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Paint color number for frame</li> <li>3 Paint color number for trim</li> <li>4 Glass number for surface 1 (from top)</li> <li>5 Glass number for surface 2</li> <li>6 Glass number for surface 3</li> <li>7 Glass number for surface 4</li> <li>8 Options, if selected (see below)</li> </ul> <p>▶ See <i>Surface Materials</i>, page 604.</p>

Options	U.S. Price	Required to Specify
<b>Surface Materials</b> <ul style="list-style-type: none"> <li>Paint price group 1</li> <li>Paint price group 2</li> <li>Paint price group 3</li> </ul>	No cost +\$151 +\$191	Specify paint color number. Specify paint color number. Specify paint color number.
<b>Glass Tile Pattern</b> <ul style="list-style-type: none"> <li>Frosted</li> </ul>	+\$ 35 per surface	Specify with 6530 Frosted.
<b>Hardware</b> <ul style="list-style-type: none"> <li>No lock</li> </ul>	−\$127	Specify with no lock.

## Specification Information

Pocket Frame Width	Pocket Door Frame Width	Clear Width	Overall Dimensions	Style Number	U.S. Base Price
--------------------	-------------------------	-------------	--------------------	--------------	-----------------

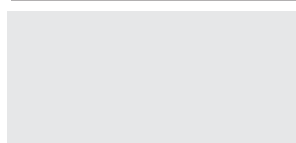
### Right-Hand

36"	42"	31 1/2"	78"	<b>ZPD3678R</b>	\$4548
42"	42"	31 1/2"	84"	<b>ZPD4284R</b>	\$4765
42"	48"	37 1/2"	90"	<b>ZPD4290R</b>	\$4786
48"	42"	31 1/2"	90"	<b>ZPD4890R</b>	\$4961
48"	48"	37 1/2"	96"	<b>ZPD4896R</b>	\$4981
:	:	:	:	:	:

### Left-Hand

36"	42"	31 1/2"	78"	<b>ZPD3678L</b>	\$4548
42"	42"	31 1/2"	84"	<b>ZPD4284L</b>	\$4765
42"	48"	37 1/2"	90"	<b>ZPD4290L</b>	\$4786
48"	42"	31 1/2"	90"	<b>ZPD4890L</b>	\$4961
48"	48"	37 1/2"	96"	<b>ZPD4896L</b>	\$4981
:	:	:	:	:	:

### Glass Tile Pattern

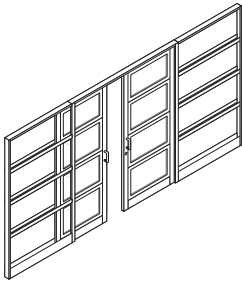


Frosted 6530

 **For Canadian Pricing**  
Multiply U.S. Price by the Canadian price factor.  
▶ See page 1 for details.



# Double Pocket Doors



*Tip: Sixteen enhanced segmented tiles and four plain base covers must be ordered separately for pocket frames.*

► Pages 352 and 364

*Tip: Refer to the Montage Frames/Tiles Compatibility Matrix for more information.*

► Page 304

*Tip: Slatwall, high-performance acoustical, and monolithic tiles cannot be installed on pocket frames.*

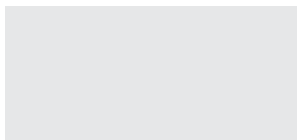
*Tip: Only pocket door glass tiles will fit in pocket door frames.*

Standard Includes	Required to Specify
<p>► Need help? Product details, page 30</p> <ul style="list-style-type: none"> <li>• 86"H pocket frame: black paint</li> <li>• 86"H double pocket doors with eight clear glass tiles: 6500 Clear Glass</li> <li>• Trim (header with in-line lock post and top cap): all paint price groups</li> <li>• Door handle: paint to match pocket frame</li> <li>• Lock</li> </ul>	<ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Paint color number for frame</li> <li>3 Paint color number for trim</li> <li>4 Glass number for surface 1 (from top)</li> <li>5 Glass number for surface 2</li> <li>6 Glass number for surface 3</li> <li>7 Glass number for surface 4</li> <li>8 Options, if selected (see below)</li> </ul> <p>► See <i>Surface Materials</i>, page 604.</p>

Options	U.S. Price	Required to Specify
<b>Surface Materials</b> <ul style="list-style-type: none"> <li>• Paint price group 1</li> <li>• Paint price group 2</li> <li>• Paint price group 3</li> </ul>	No cost +\$151 +\$191	Specify paint color number. Specify paint color number. Specify paint color number.
<b>Glass Tile Pattern</b> <ul style="list-style-type: none"> <li>• Frosted</li> </ul>	+\$ 70 per row	Specify <i>with 6530 Frosted</i> .
<b>Hardware</b> <ul style="list-style-type: none"> <li>• No lock</li> </ul>	−\$127	Specify <i>with no lock</i> .

Specification Information					
Pocket Frame Width	Double Pocket Door Frame Width	Clear Width	Overall Dimensions	Style Number	U.S. Base Price
36"	72"	58 <sup>3</sup> / <sub>8</sub> "	144"	<b>ZPDD36144</b>	\$7591
42"	72"	58 <sup>3</sup> / <sub>8</sub> "	156"	<b>ZPDD42156</b>	\$7805
48"	72"	58 <sup>3</sup> / <sub>8</sub> "	168"	<b>ZPDD48168</b>	\$8189
:	:	:	:	:	:

## Glass Tile Pattern



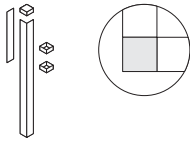
Frosted 6530



**For Canadian Pricing**  
Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.

## Square L-Junctions



Standard Includes	Required to Specify
<p>► Need help? Product details, page 32</p> <ul style="list-style-type: none"> <li>Two-way square top cap: all paint price groups for aluminum or non-composite open-pore finishes for wood</li> <li>Two-way connectors</li> <li>One square L-cover: all paint price groups for aluminum or non-composite open-pore finishes for wood</li> <li>End trim, if applicable: all paint price groups for aluminum or non-composite open-pore finishes for wood</li> </ul>	<ol style="list-style-type: none"> <li>Style number</li> <li>Paint color number for top cap, cover, and end trim on aluminum frame</li> <li>Open-pore finish number for top cap, cover, and end trim on wood frame</li> <li>Options, if selected (see below)</li> </ol> <p>► See <i>Surface Materials</i>, page 604.</p>

Options	U.S. Price	Required to Specify
<p><b>Surface Materials</b></p> <ul style="list-style-type: none"> <li>Customiz stain on wood</li> </ul>	No cost	<p>Specify with <i>Customiz stain</i>.</p> <p>► See <i>Surface Materials Reference Manual</i>.</p>

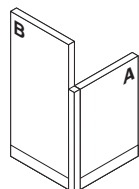
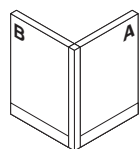
Specification Information				
Height A B	Style Number	U.S. Price	Style Number	U.S. Price

### Same-Height Frame Kits

Aluminum			Wood		
38"	38"	<b>ZJL33S</b>	\$ 98	<b>ZJL33SW</b>	\$401
45"	45"	<b>ZJL44S</b>	\$ 98	<b>ZJL44SW</b>	\$401
55"	55"	<b>ZJL55S</b>	\$ 98	<b>ZJL55SW</b>	\$408
65"	65"	<b>ZJL66S</b>	\$119	<b>ZJL66SW</b>	\$440
86"	86"	<b>ZJL88S</b>	\$144	<b>ZJL88SW</b>	\$552

### Change-of-Height Frame Kits

Aluminum			Wood		
38"	45"	<b>ZJL34S</b>	\$ 98	<b>ZJL34SW</b>	\$465
38"	55"	<b>ZJL35S</b>	\$ 98	<b>ZJL35SW</b>	\$465
38"	65"	<b>ZJL36S</b>	\$119	<b>ZJL36SW</b>	\$498
38"	86"	<b>ZJL38S</b>	\$144	<b>ZJL38SW</b>	\$613
45"	55"	<b>ZJL45S</b>	\$ 98	<b>ZJL45SW</b>	\$465
45"	65"	<b>ZJL46S</b>	\$119	<b>ZJL46SW</b>	\$498
45"	86"	<b>ZJL48S</b>	\$144	<b>ZJL48SW</b>	\$562
55"	65"	<b>ZJL56S</b>	\$119	<b>ZJL56SW</b>	\$498
55"	86"	<b>ZJL58S</b>	\$144	<b>ZJL58SW</b>	\$613
65"	86"	<b>ZJL68S</b>	\$144	<b>ZJL68SW</b>	\$613

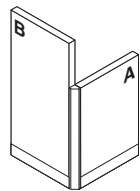
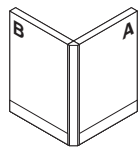
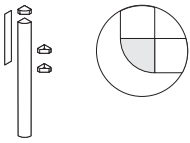


*Tip: To ensure proper alignment, specify the same material on the change-of-height junction as the adjacent top trim.*



**For Canadian Pricing**  
Multiply U.S. Price by the Canadian price factor.  
► See page 1 for details.

## Radius L-Junctions



Standard Includes	Required to Specify
<ul style="list-style-type: none"> <li>Need help? Product details, page 32</li> <li>Two-way radius top cap: all paint price groups</li> <li>Two-way connectors</li> <li>One radius L-cover: all paint price groups</li> <li>End trim, if applicable: all paint price groups</li> </ul>	<ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Paint color number for top cap, cover, and end trim</li> <li>▶ See <i>Surface Materials</i>, page 604.</li> </ul>

### Specification Information

Height A	B	Style Number	U.S. Price
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#### Same-Height Frame Kits

38"	38"	<b>ZJL33R</b>	\$ 98
45"	45"	<b>ZJL44R</b>	\$ 98
55"	55"	<b>ZJL55R</b>	\$ 98
65"	65"	<b>ZJL66R</b>	\$119
86"	86"	<b>ZJL88R</b>	\$144

#### Change-of-Height Frame Kits

38"	45"	<b>ZJL34R</b>	\$ 98
38"	55"	<b>ZJL35R</b>	\$ 98
38"	65"	<b>ZJL36R</b>	\$119
38"	86"	<b>ZJL38R</b>	\$144
45"	55"	<b>ZJL45R</b>	\$ 98
45"	65"	<b>ZJL46R</b>	\$119
45"	86"	<b>ZJL48R</b>	\$144
55"	65"	<b>ZJL56R</b>	\$119
55"	86"	<b>ZJL58R</b>	\$144
65"	86"	<b>ZJL68R</b>	\$144

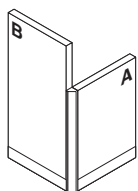
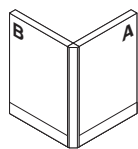
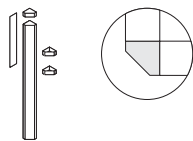


#### For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

▶ See page 1 for details.

## Chamfered L-Junctions



### Standard Includes

- ▶ Need help?  
Product details,  
page 32
- Two-way chamfered top cap: all paint price groups
- Two-way connectors
- One chamfered L-cover: all paint price groups
- End trim, if applicable: all paint price groups

### Required to Specify

- 1 Style number
- 2 Paint color number for top cap, cover,  
and end trim
- ▶ See *Surface Materials*, page 604.

### Specification Information

Height	Style	U.S.
A B	Number	Price

#### Same-Height Frame Kits

38"	38"	<b>ZJL33C</b>	\$ 98
45"	45"	<b>ZJL44C</b>	\$ 98
55"	55"	<b>ZJL55C</b>	\$ 98
65"	65"	<b>ZJL66C</b>	\$119
86"	86"	<b>ZJL88C</b>	\$144
:	:	:	:

#### Change-of-Height Frame Kits

38"	45"	<b>ZJL34C</b>	\$ 98
38"	55"	<b>ZJL35C</b>	\$ 98
38"	65"	<b>ZJL36C</b>	\$119
38"	86"	<b>ZJL38C</b>	\$144
45"	55"	<b>ZJL45C</b>	\$ 98
45"	65"	<b>ZJL46C</b>	\$119
45"	86"	<b>ZJL48C</b>	\$144
55"	65"	<b>ZJL56C</b>	\$119
55"	86"	<b>ZJL58C</b>	\$144
65"	86"	<b>ZJL68C</b>	\$144
:	:	:	:

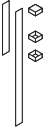


#### For Canadian Pricing

Multiply U.S. Price by the  
Canadian price factor.

▶ See page 1 for details.

## T-Junctions



Standard Includes	Required to Specify
<ul style="list-style-type: none"> <li>Need help? Product details, page 32</li> <li>Top cap, connectors, cover(s), and end trim, if applicable: all paint price groups for aluminum or non-composite open-pore finishes for wood</li> </ul>	<ol style="list-style-type: none"> <li>Style number</li> <li>Paint color number for top cap, cover(s), and end trim on aluminum frame</li> <li>Open-pore finish number for top cap, cover, and end trim on wood frame</li> <li>Options, if selected (see below)</li> </ol> <p>► See <i>Surface Materials</i>, page 604.</p>

Options	U.S. Price	Required to Specify
<b>Surface Materials</b> <ul style="list-style-type: none"> <li>Customiz stain on wood</li> </ul>	No cost	Specify with <i>Customiz stain</i> . ► See <i>Surface Materials Reference Manual</i> .

### Specification Information

Height	Style	U.S.	Style	U.S.
A B C	Number	Price	Number	Price

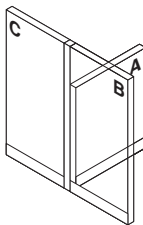
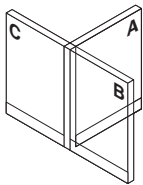
### Same-Height Frame Kits

Aluminum			Wood		
38"	38"	38"	<b>ZJT333</b>	\$ 98	<b>ZJT333W</b> \$346
45"	45"	45"	<b>ZJT444</b>	\$ 98	<b>ZJT444W</b> \$346
55"	55"	55"	<b>ZJT555</b>	\$ 98	<b>ZJT555W</b> \$374
65"	65"	65"	<b>ZJT666</b>	\$119	<b>ZJT666W</b> \$401
86"	86"	86"	<b>ZJT888</b>	\$144	<b>ZJT888W</b> \$460

### Change-of-Height Frame Kits

Aluminum			Wood		
38"	45"	45"	<b>ZJT344</b>	\$ 98	<b>ZJT344W</b> \$446
38"	55"	55"	<b>ZJT355</b>	\$ 98	<b>ZJT355W</b> \$446
38"	65"	65"	<b>ZJT366</b>	\$119	<b>ZJT366W</b> \$476
38"	86"	86"	<b>ZJT388</b>	\$144	<b>ZJT388W</b> \$522
45"	55"	55"	<b>ZJT455</b>	\$ 98	<b>ZJT455W</b> \$446
45"	65"	65"	<b>ZJT466</b>	\$119	<b>ZJT466W</b> \$476
45"	86"	86"	<b>ZJT488</b>	\$144	<b>ZJT488W</b> \$522
55"	65"	65"	<b>ZJT566</b>	\$119	<b>ZJT566W</b> \$476
55"	86"	86"	<b>ZJT588</b>	\$144	<b>ZJT588W</b> \$522
65"	86"	86"	<b>ZJT688</b>	\$144	<b>ZJT688W</b> \$492

► Specification Information, continued on next page

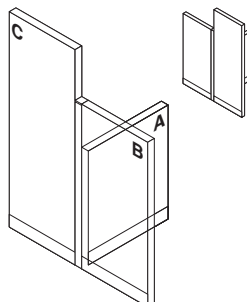
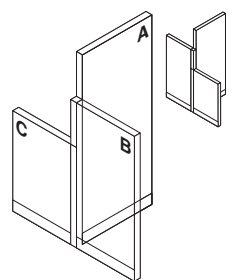
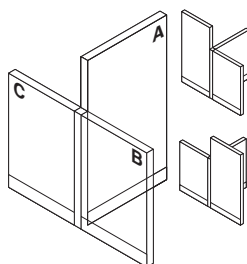
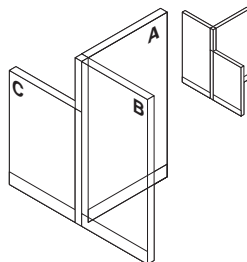


*Tip: To ensure proper alignment, specify the same material on the change-of-height junction as the adjacent top trim.*



**For Canadian Pricing**  
 Multiply U.S. Price by the Canadian price factor.  
 ► See page 1 for details.

Tip: To ensure proper alignment, specify the same material on the change-of-height junction as the adjacent top trim.



► Specification Information, continued from previous page

Specification Information

Height A	B	C	Style Number	U.S. Price	Style Number	U.S. Price
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Change-of-Height Frame Kits, continued

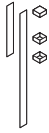
Aluminum				Wood		
45"	45"	38"	<b>ZJT443</b>	\$ 98	<b>ZJT443W</b>	\$446
55"	55"	38"	<b>ZJT553</b>	\$ 98	<b>ZJT553W</b>	\$446
55"	55"	45"	<b>ZJT554</b>	\$ 98	<b>ZJT554W</b>	\$446
65"	65"	38"	<b>ZJT663</b>	\$119	<b>ZJT663W</b>	\$476
65"	65"	45"	<b>ZJT664</b>	\$119	<b>ZJT664W</b>	\$476
65"	65"	55"	<b>ZJT665</b>	\$119	<b>ZJT665W</b>	\$476
86"	86"	38"	<b>ZJT883</b>	\$144	<b>ZJT883W</b>	\$522
86"	86"	45"	<b>ZJT884</b>	\$144	<b>ZJT884W</b>	\$522
86"	86"	55"	<b>ZJT885</b>	\$144	<b>ZJT885W</b>	\$522
86"	86"	65"	<b>ZJT886</b>	\$144	<b>ZJT886W</b>	\$522
:	:	:	:	:	:	:

Aluminum				Wood		
45"	38"	38"	<b>ZJT433</b>	\$ 98	<b>ZJT433W</b>	\$459
55"	38"	38"	<b>ZJT533</b>	\$ 98	<b>ZJT533W</b>	\$459
55"	45"	45"	<b>ZJT544</b>	\$ 98	<b>ZJT544W</b>	\$459
65"	38"	38"	<b>ZJT633</b>	\$119	<b>ZJT633W</b>	\$492
65"	45"	45"	<b>ZJT644</b>	\$119	<b>ZJT644W</b>	\$492
65"	55"	55"	<b>ZJT655</b>	\$119	<b>ZJT655W</b>	\$492
86"	38"	38"	<b>ZJT833</b>	\$144	<b>ZJT833W</b>	\$522
86"	45"	45"	<b>ZJT844</b>	\$144	<b>ZJT844W</b>	\$522
86"	55"	55"	<b>ZJT855</b>	\$144	<b>ZJT855W</b>	\$522
86"	65"	65"	<b>ZJT866</b>	\$144	<b>ZJT866W</b>	\$522
:	:	:	:	:	:	:

Aluminum				Wood		
65"	55"	45"	<b>ZJT654</b>	\$119	<b>ZJT654W</b>	\$492
86"	55"	45"	<b>ZJT854</b>	\$144	<b>ZJT854W</b>	\$552
86"	65"	45"	<b>ZJT864</b>	\$144	<b>ZJT864W</b>	\$552
86"	65"	55"	<b>ZJT865</b>	\$144	<b>ZJT865W</b>	\$552
:	:	:	:	:	:	:

Aluminum				Wood		
45"	55"	65"	<b>ZJT456</b>	\$119	<b>ZJT456W</b>	\$492
45"	55"	86"	<b>ZJT458</b>	\$144	<b>ZJT458W</b>	\$552
45"	65"	86"	<b>ZJT468</b>	\$144	<b>ZJT468W</b>	\$552
55"	65"	86"	<b>ZJT568</b>	\$144	<b>ZJT568W</b>	\$552
:	:	:	:	:	:	:

## X-Junctions



	Standard Includes	Required to Specify
► Need help? Product details, page 32	• Top cap, connectors, cover(s), and end trim, if applicable: all paint price groups for aluminum or non-composite open-pore finishes for wood	1 Style number 2 Paint color number for top cap, cover(s), and end trim on aluminum frame 3 Open-pore finish number for top cap, cover, and end trim on wood frame 4 Options, if selected (see below) ► See <i>Surface Materials</i> , page 604.

	Options	U.S. Price	Required to Specify
<b>Surface Materials</b>	• Customiz stain on wood	No cost	Specify with <i>Customiz stain</i> . ► See <i>Surface Materials Reference Manual</i> .

Specification Information							
Height				Style	U.S.	Style	U.S.
A	B	C	D	Number	Price	Number	Price

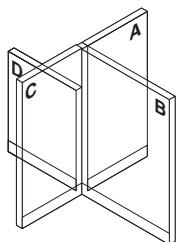
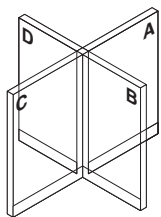
### Same-Height Frame Kits

Aluminum						Wood	
38"	38"	38"	38"	<b>ZJX3333</b>	\$ 98	<b>ZJX3333W</b>	\$262
45"	45"	45"	45"	<b>ZJX4444</b>	\$ 98	<b>ZJX4444W</b>	\$262
55"	55"	55"	55"	<b>ZJX5555</b>	\$ 98	<b>ZJX5555W</b>	\$285
65"	65"	65"	65"	<b>ZJX6666</b>	\$119	<b>ZJX6666W</b>	\$308
86"	86"	86"	86"	<b>ZJX8888</b>	\$144	<b>ZJX8888W</b>	\$354

### Change-of-Height Frame Kits

Aluminum						Wood	
45"	45"	45"	38"	<b>ZJX4443</b>	\$ 98	<b>ZJX4443W</b>	\$360
55"	55"	55"	45"	<b>ZJX5554</b>	\$ 98	<b>ZJX5554W</b>	\$360
65"	65"	65"	45"	<b>ZJX6664</b>	\$119	<b>ZJX6664W</b>	\$384
65"	65"	65"	55"	<b>ZJX6665</b>	\$119	<b>ZJX6665W</b>	\$384
86"	86"	86"	45"	<b>ZJX8884</b>	\$144	<b>ZJX8884W</b>	\$401
86"	86"	86"	55"	<b>ZJX8885</b>	\$144	<b>ZJX8885W</b>	\$401
86"	86"	86"	65"	<b>ZJX8886</b>	\$144	<b>ZJX8886W</b>	\$401

► **Specification Information, continued on next page**

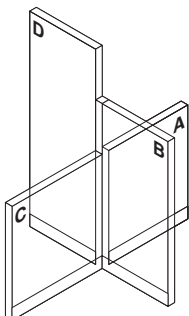
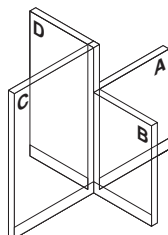
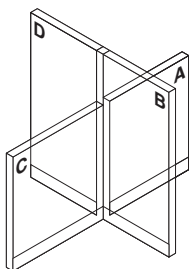
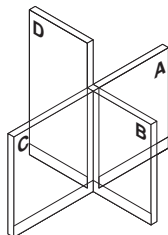


*Tip: To ensure proper alignment, specify the same material on the change-of-height junction as the adjacent top trim.*



**For Canadian Pricing**  
Multiply U.S. Price by the Canadian price factor.  
► See page 1 for details.

Tip: To ensure proper alignment, specify the same material on the change-of-height junction as the adjacent top trim.



► Specification Information, continued from previous page

**Specification Information**

Height	A	B	C	D	Style Number	U.S. Price	Style Number	U.S. Price
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**Change-of-Height Frame Kits, continued**

Aluminum						Wood	
38"	38"	38"	45"	<b>ZJX3334</b>	\$ 98	<b>ZJX3334W</b>	\$360
45"	45"	45"	55"	<b>ZJX4445</b>	\$ 98	<b>ZJX4445W</b>	\$360
45"	45"	45"	65"	<b>ZJX4446</b>	\$119	<b>ZJX4446W</b>	\$384
45"	45"	45"	86"	<b>ZJX4448</b>	\$144	<b>ZJX4448W</b>	\$429
55"	55"	55"	65"	<b>ZJX5556</b>	\$119	<b>ZJX5556W</b>	\$384
55"	55"	55"	86"	<b>ZJX5558</b>	\$144	<b>ZJX5558W</b>	\$401
65"	65"	65"	86"	<b>ZJX6668</b>	\$144	<b>ZJX6668W</b>	\$401

Aluminum						Wood	
38"	45"	38"	45"	<b>ZJX3434</b>	\$ 98	<b>ZJX3434W</b>	\$402
45"	55"	45"	55"	<b>ZJX4545</b>	\$ 98	<b>ZJX4545W</b>	\$402
45"	65"	45"	65"	<b>ZJX4646</b>	\$119	<b>ZJX4646W</b>	\$429
45"	86"	45"	86"	<b>ZJX4848</b>	\$144	<b>ZJX4848W</b>	\$460
55"	65"	55"	65"	<b>ZJX5656</b>	\$119	<b>ZJX5656W</b>	\$460
55"	86"	55"	86"	<b>ZJX5858</b>	\$144	<b>ZJX5858W</b>	\$460
65"	86"	65"	86"	<b>ZJX6868</b>	\$144	<b>ZJX6868W</b>	\$460

Aluminum						Wood	
38"	38"	45"	45"	<b>ZJX3344</b>	\$ 98	<b>ZJX3344W</b>	\$431
45"	45"	55"	55"	<b>ZJX4455</b>	\$ 98	<b>ZJX4455W</b>	\$431
45"	45"	65"	65"	<b>ZJX4466</b>	\$119	<b>ZJX4466W</b>	\$460
45"	45"	86"	86"	<b>ZJX4488</b>	\$144	<b>ZJX4488W</b>	\$492
55"	55"	65"	65"	<b>ZJX5566</b>	\$119	<b>ZJX5566W</b>	\$460
55"	55"	86"	86"	<b>ZJX5588</b>	\$144	<b>ZJX5588W</b>	\$492
65"	65"	86"	86"	<b>ZJX6688</b>	\$144	<b>ZJX6688W</b>	\$492

Aluminum						Wood	
45"	55"	45"	65"	<b>ZJX4546</b>	\$119	<b>ZJX4546W</b>	\$429
45"	55"	45"	86"	<b>ZJX4548</b>	\$144	<b>ZJX4548W</b>	\$506
45"	65"	45"	86"	<b>ZJX4648</b>	\$144	<b>ZJX4648W</b>	\$506
55"	65"	55"	86"	<b>ZJX5658</b>	\$144	<b>ZJX5658W</b>	\$506

► Specification Information, continued on next page



*Tip: To ensure proper alignment, specify the same material on the change-of-height junction as the adjacent top trim.*

► **Specification Information, continued from previous page**

**Specification Information**

Height	A	B	C	D	Style Number	U.S. Price	Style Number	U.S. Price
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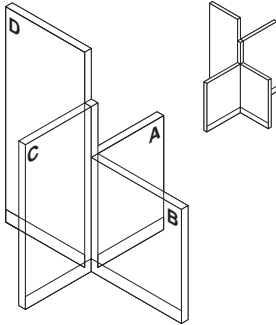
**Change-of-Height Frame Kits, continued**

**Aluminum**

45"	45"	55"	65"	<b>ZJX4456</b>	\$119
45"	45"	55"	86"	<b>ZJX4458</b>	\$144
45"	45"	65"	86"	<b>ZJX4468</b>	\$144
55"	55"	65"	86"	<b>ZJX5568</b>	\$144

**Wood**

<b>ZJX4456W</b>	\$460
<b>ZJX4458W</b>	\$562
<b>ZJX4468W</b>	\$562
<b>ZJX5568W</b>	\$562

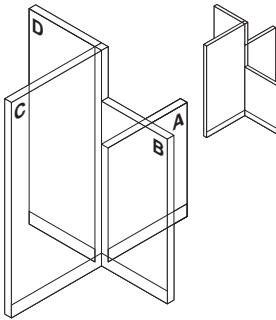


**Aluminum**

45"	55"	65"	65"	<b>ZJX4566</b>	\$119
45"	55"	86"	86"	<b>ZJX4588</b>	\$144
45"	65"	86"	86"	<b>ZJX4688</b>	\$144
55"	65"	86"	86"	<b>ZJX5688</b>	\$144

**Wood**

<b>ZJX4566W</b>	\$384
<b>ZJX4588W</b>	\$492
<b>ZJX4688W</b>	\$492
<b>ZJX5688W</b>	\$492

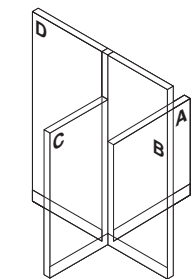


**Aluminum**

45"	65"	55"	65"	<b>ZJX4656</b>	\$119
45"	86"	55"	86"	<b>ZJX4858</b>	\$144
45"	86"	65"	86"	<b>ZJX4868</b>	\$144
55"	86"	65"	86"	<b>ZJX5868</b>	\$144

**Wood**

<b>ZJX4656W</b>	\$506
<b>ZJX4858W</b>	\$460
<b>ZJX4868W</b>	\$460
<b>ZJX5868W</b>	\$460



► **Specification Information, continued on next page**



**For Canadian Pricing**

Multiply U.S. Price by the Canadian price factor.

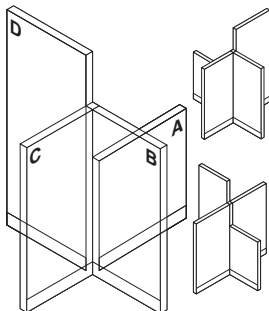
► See page 1 for details.

## ► Specification Information, continued from previous page

*Tip: To ensure proper alignment, specify the same material on the change-of-height junction as the adjacent top trim.*

**Specification Information**

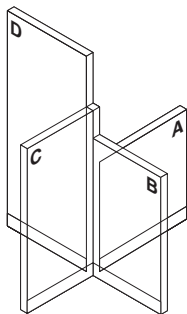
Height	A	B	C	D	Style Number	U.S. Price	Style Number	U.S. Price
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**Change-of-Height Frame Kits, continued**

**Aluminum**

45"	55"	55"	65"	<b>ZJX4556</b>	\$119
45"	55"	55"	86"	<b>ZJX4558</b>	\$144
45"	65"	65"	86"	<b>ZJX4668</b>	\$144
55"	65"	65"	86"	<b>ZJX5668</b>	\$144

**Wood**

<b>ZJX4556W</b>	\$384
<b>ZJX4558W</b>	\$460
<b>ZJX4668W</b>	\$460
<b>ZJX5668W</b>	\$460


**Aluminum**

45"	55"	65"	86"	<b>ZJX4568</b>	\$144
45"	65"	55"	86"	<b>ZJX4658</b>	\$144

**Wood**

<b>ZJX4568W</b>	\$460
<b>ZJX4658W</b>	\$460


**For Canadian Pricing**

Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.

## Y-Junctions

Standard Includes	Required to Specify
<ul style="list-style-type: none"> <li>Need help? Product details, page 32</li> <li>Two-way chamfered top cap: all paint price groups</li> <li>Two-way Y-junction connectors</li> <li>Cover with holes for Y-attachment: all paint price groups</li> <li>End trim, if applicable: all paint price groups</li> </ul>	<ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Paint color number for top cap, cover, and end trim</li> <li>▶ See <i>Surface Materials</i>, page 604.</li> </ul>

Specification Information				
Height A	B	C	Style Number	U.S. Price

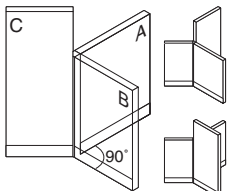
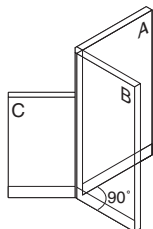
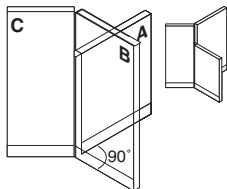
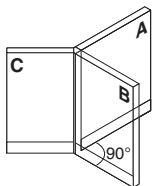
### Same-Height Frame Kits

38"	38"	38"	<b>ZJY333</b>	\$ 98
45"	45"	45"	<b>ZJY444</b>	\$ 98
55"	55"	55"	<b>ZJY555</b>	\$ 98
65"	65"	65"	<b>ZJY666</b>	\$119
86"	86"	86"	<b>ZJY888</b>	\$144

### Change-of-Height Frame Kits

45"	55"	55"	<b>ZJY455</b>	\$ 98
45"	65"	65"	<b>ZJY466</b>	\$119
45"	86"	86"	<b>ZJY488</b>	\$144
55"	65"	65"	<b>ZJY566</b>	\$119
55"	86"	86"	<b>ZJY588</b>	\$144
65"	86"	86"	<b>ZJY688</b>	\$144
55"	55"	45"	<b>ZJY554</b>	\$ 98
65"	65"	45"	<b>ZJY664</b>	\$119
65"	65"	55"	<b>ZJY665</b>	\$119
86"	86"	45"	<b>ZJY884</b>	\$144
86"	86"	55"	<b>ZJY885</b>	\$144
86"	86"	65"	<b>ZJY886</b>	\$144
45"	45"	55"	<b>ZJY445</b>	\$ 98
45"	45"	65"	<b>ZJY446</b>	\$119
45"	45"	86"	<b>ZJY448</b>	\$144
55"	55"	65"	<b>ZJY556</b>	\$119
55"	55"	86"	<b>ZJY558</b>	\$144
65"	65"	86"	<b>ZJY668</b>	\$144

▶ **Specification Information, continued on next page**



 **For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
▶ See page 1 for details.

► Specification Information, continued from previous page

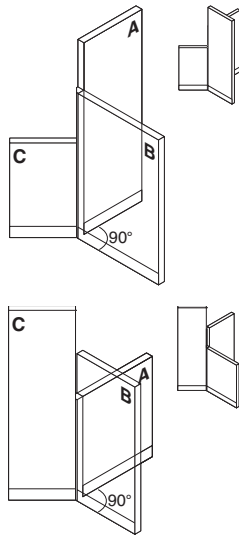
Specification Information

Height			Style Number	U.S. Price
A	B	C		

Change-of-Height Frame Kits, continued

65"	55"	45"	<b>ZJY654</b>	\$119
86"	55"	45"	<b>ZJY854</b>	\$144
86"	65"	45"	<b>ZJY864</b>	\$144
86"	65"	55"	<b>ZJY865</b>	\$144

45"	55"	65"	<b>ZJY456</b>	\$119
45"	55"	86"	<b>ZJY458</b>	\$144
45"	65"	86"	<b>ZJY468</b>	\$144
55"	65"	86"	<b>ZJY568</b>	\$144



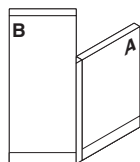
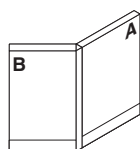
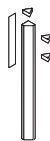
Tip: Kit number ZJY468 can be used in any Y configuration where either A or B frame is 45"H.

Tip: Above panel A, there will be a slight separation between panels B and C.

Tip: Junction will add 3/4" in linear direction to the panel between the 135° angles.

  
**For Canadian Pricing**  
Multiply U.S. Price by the Canadian price factor.  
► See page 1 for details.

## V-Junctions



Standard Includes	Required to Specify
<ul style="list-style-type: none"> <li>Need help? Product details, page 32</li> <li>Two-way 135° cap: all paint price groups</li> <li>Two-way 135° connectors</li> <li>One cover and end trim, if applicable: all paint price groups</li> </ul>	<ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Paint color number for top cap, cover, and end trim</li> <li>▶ See <i>Surface Materials</i>, page 604.</li> </ul>

### Specification Information

Height A B	Style Number	U.S. Price
---------------	-----------------	---------------

#### Same-Height Frame Kits

38"	38"	<b>ZJV33</b>	\$ 98
45"	45"	<b>ZJV44</b>	\$ 98
55"	55"	<b>ZJV55</b>	\$ 98
65"	65"	<b>ZJV66</b>	\$119
86"	86"	<b>ZJV88</b>	\$144
:	:	:	:

#### Change-of-Height Frame Kits

45"	55"	<b>ZJV45</b>	\$ 98
45"	65"	<b>ZJV46</b>	\$119
45"	86"	<b>ZJV48</b>	\$144
55"	65"	<b>ZJV56</b>	\$119
55"	86"	<b>ZJV58</b>	\$144
65"	86"	<b>ZJV68</b>	\$144
:	:	:	:

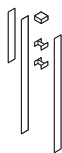


#### For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

▶ See page 1 for details.

## I-Junctions



Standard Includes	Required to Specify
<p>► Need help? Product details, page 32</p> <ul style="list-style-type: none"> <li>Two-way in-line top cap: all paint price groups for aluminum or non-composite open-pore finishes for wood</li> <li>Two-way in-line connectors</li> <li>Two covers and end trim, if applicable: all paint price groups for aluminum or non-composite open-pore finishes for wood</li> </ul>	<ol style="list-style-type: none"> <li>Style number</li> <li>Paint color number for top cap, cover, and end trim on aluminum frame</li> <li>Open-pore finish number for top cap, cover, and end trim on wood frame</li> <li>Options, if selected (see below)</li> </ol> <p>► See <i>Surface Materials</i>, page 604.</p>

Options	U.S. Price	Required to Specify
<b>Surface Materials</b> <ul style="list-style-type: none"> <li>Customiz stain on wood</li> </ul>	No cost	Specify with <i>Customiz stain</i> . ► See <i>Surface Materials Reference Manual</i> .

### Specification Information

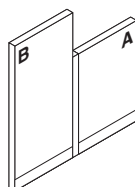
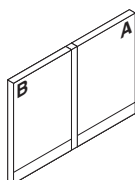
Height A B	Style Number	U.S. Price	Style Number	U.S. Price

### Same-Height Frame Kits

Aluminum				Wood	
38"	38"	<b>ZJI33</b>	\$ 98	<b>ZJI33W</b>	\$384
45"	45"	<b>ZJI44</b>	\$ 98	<b>ZJI44W</b>	\$384
55"	55"	<b>ZJI55</b>	\$ 98	<b>ZJI55W</b>	\$395
65"	65"	<b>ZJI66</b>	\$119	<b>ZJI66W</b>	\$421
86"	86"	<b>ZJI88</b>	\$144	<b>ZJI88W</b>	\$541

### Change-of-Height Frame Kits

Aluminum				Wood	
45"	55"	<b>ZJI45</b>	\$ 98	<b>ZJI45W</b>	\$431
45"	65"	<b>ZJI46</b>	\$119	<b>ZJI46W</b>	\$460
45"	86"	<b>ZJI48</b>	\$144	<b>ZJI48W</b>	\$541
55"	65"	<b>ZJI56</b>	\$119	<b>ZJI56W</b>	\$460
55"	86"	<b>ZJI58</b>	\$144	<b>ZJI58W</b>	\$541
65"	86"	<b>ZJI68</b>	\$144	<b>ZJI68W</b>	\$613



*Tip: To ensure proper alignment, specify the same material on the change-of-height junction as the adjacent top trim.*



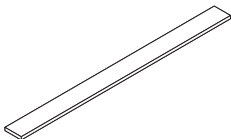
#### For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.

# Trims and Brackets

## Extended Steel Top Caps



*Tip: Extended steel top cap covers multiple frames eliminating the top cap joints.*

*Tip: Extended steel top is recommended for use on 55"H and lower frame heights.*

Standard Includes	Required to Specify
<ul style="list-style-type: none"> <li>▶ Need help? Product details, page 17</li> <li>• Extended steel top caps: paint</li> </ul>	<ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Paint color number for top cap</li> <li>▶ See <i>Surface Materials</i>, page 604.</li> </ul>

### Specification Information

Width	Style Number	U.S. Price
54"	<b>ZTC54</b>	\$ 89
60"	<b>ZTC60</b>	\$ 92
66"	<b>ZTC66</b>	\$ 94
72"	<b>ZTC72</b>	\$ 98
78"	<b>ZTC78</b>	\$113
84"	<b>ZTC84</b>	\$115
90"	<b>ZTC90</b>	\$117
96"	<b>ZTC96</b>	\$120
102"	<b>ZTC102</b>	\$133
108"	<b>ZTC108</b>	\$135
:	:	:

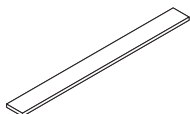


### For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

▶ See page 1 for details.

## Wood Top Caps



Top Cap



Junction Top Cap

*Tip: All wood top caps have a square edge profile.*

*Tip: Wood top cap for junction package includes an aluminum junction bracket for proper alignment.*

*Tip: Top caps are solid wood and offered in wood finishes that match both composite and open-pore natural veneer finishes.*

*Tip: Wood junction top cap is already included with wood junction frame kits.*

*Tip: The fifth digit of the wood junction top cap style number indicates the junction (L, T, or X) to be used in the application.*

Standard Includes	Required to Specify
<p>► Need help? Product details, page 20</p> <ul style="list-style-type: none"> <li>Top caps: solid wood</li> <li>Junction top cap: solid wood</li> </ul>	<p>1 Style number 2 Wood color number for top cap 3 Options, if selected (see below) ► See <i>Surface Materials</i>, page 604.</p>

Options	U.S. Price	Required to Specify
<p><b>Surface Materials</b></p> <ul style="list-style-type: none"> <li>Customiz stain on wood</li> </ul>	No cost	<p>Specify with <i>Customiz stain</i>. ► See <i>Surface Materials Reference Manual</i>.</p>
<p><b>Related Products</b></p> <ul style="list-style-type: none"> <li>Frame junction kits</li> <li>Wood tiles</li> </ul>		<p>► Page 321 ► Page 369</p>

### Specification Information

Width	Style Number	U.S. Price
:	:	:

### Wood Top Caps

18"	<b>ZTC18W</b>	\$207
24"	<b>ZTC24W</b>	\$207
30"	<b>ZTC30W</b>	\$207
36"	<b>ZTC36W</b>	\$207
42"	<b>ZTC42W</b>	\$207
48"	<b>ZTC48W</b>	\$207
:	:	:

### Wood Junction Top Cap

3"	<b>ZTCJL3W</b>	\$ 97
3"	<b>ZTCJT3W</b>	\$ 97
3"	<b>ZTCJX3W</b>	\$ 97
:	:	:



#### For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.



## Vertical End Trims



*Tip: Vertical end trim is solid wood and offered in wood finishes that match both composite and open-pore natural veneer finishes.*

*Tip: Wood end trims must be used with wood top caps.*

*Tip: Metal end trims must be used with metal top caps.*

Standard Includes		Required to Specify	
► Need help? Product details, page 21	<ul style="list-style-type: none"> <li>Wood vertical end trim, if selected: solid wood</li> <li>Metal vertical end trim, if selected: all paint price groups</li> <li>Attachment hardware for metal vertical end trim: wing nuts</li> </ul>	1 Style number	2 Wood or paint color number for vertical end trim
		3 Options, if selected (see below)	► See <i>Surface Materials</i> , page 604.
Options		U.S. Price	Required to Specify
<b>Surface Materials</b>	<ul style="list-style-type: none"> <li>Customiz stain on wood</li> </ul>	No cost	Specify with <i>Customiz stain</i> . ► See <i>Surface Materials Reference Manual</i> .
<b>Related Products</b>	<ul style="list-style-type: none"> <li>Frame junction kits</li> <li>Wood tiles</li> </ul>		► Page 321 ► Page 369

### Specification Information

Height	Style Number	U.S. Price
:	:	:

### Wood Vertical End Trim

7"	<b>ZET07W</b>	\$173
10"	<b>ZET10W</b>	\$173
17"	<b>ZET17W</b>	\$186
20"	<b>ZET20W</b>	\$186
28"	<b>ZET28W</b>	\$211
30"	<b>ZET30W</b>	\$211
38"	<b>ZET38W</b>	\$224
40"	<b>ZET40W</b>	\$224
45"	<b>ZET45W</b>	\$224
55"	<b>ZET55W</b>	\$224
65"	<b>ZET65W</b>	\$224
86"	<b>ZET86W</b>	\$224
:	:	:

### Metal Vertical End Trim

7"	<b>ZET07</b>	\$ 32
10"	<b>ZET10</b>	\$ 32
17"	<b>ZET17</b>	\$ 34
20"	<b>ZET20</b>	\$ 34
28"	<b>ZET28</b>	\$ 45
30"	<b>ZET30</b>	\$ 45
38"	<b>ZET38</b>	\$ 49
:	:	:

► **Specification Information, continued on next page**



#### For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.

## ► Specification Information, continued from previous page

**Specification Information**

• Height	• Style Number	• U.S. Price
----------	----------------	--------------

**Metal Vertical End Trim, continued**

40"	<b>ZET40</b>	\$49
45"	<b>ZET45</b>	\$49
55"	<b>ZET55</b>	\$60
65"	<b>ZET65</b>	\$65
86"	<b>ZET86</b>	\$85
•	•	•

**Wall-Attachment Bracket****Standard Includes**

- Need help?  
Product details,  
page 21
- Wall-attachment bracket: all paint price groups

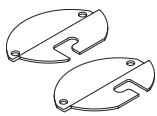
**Required to Specify**

- 1 Style number  
2 Paint color number for wall-attachment bracket  
► See *Surface Materials*, page 604.

**Specification Information**

• Height	• Style Number	• U.S. Price
----------	----------------	--------------

86"	<b>ZWS86</b>	\$216
•	•	•

**Floor Anchor Bracket**

Tip: Floor anchor bolts are not included.

**Standard Includes**

- Need help?  
Product details,  
page 21
- Two-piece floor anchor bracket: black paint only

**Required to Specify**

- Style number

**Specification Information**

• Style Number	• U.S. Price
----------------	--------------

<b>CBRKTS</b>	\$42
•	•

**For Canadian Pricing**

Multiply U.S. Price by the Canadian price factor.

- See page 1 for details.

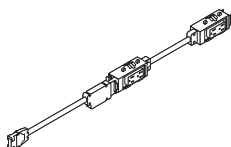
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# Specifying Frame Wiring and Cabling

<b>Frame Wiring and Cabling</b>	
Powerkit System Frame Wiring and Cabling	<b>342</b>
Receptacles	<b>349</b>
Base Cavity and Desk-Height Cavity Covers	<b>351</b>
Consolidation Point	<b>355</b>

# Powerkit System Frame Wiring and Cabling

## Powerkits



Tip: Remember to order receptacles.  
▶ Page 349

Tip: Powerkits and receptacles are not available on 18"W frames.

Standard Includes	Required to Specify
-------------------	---------------------

- |   |  |              |
|---|--|--------------|
| <ul style="list-style-type: none"> <li>▶ Need help? Product details, page 59</li> </ul> | <ul style="list-style-type: none"> <li>• Base powerkit to accommodate modular receptacles on both sides, if selected: black plastic</li> </ul> | Style number |
|---|--|--------------|

### Specification Information

Width	Powerkits Number of Duplex Receptacles Per Side	Style Number	U.S. Price	Non-PVC Powerkits Style Number	U.S. Price
-------	---	--------------	------------	--------------------------------	------------

#### 4-Circuit, 3+1 Wiring Schematic

24"	1	<b>ZB1PW24</b>	\$245	<b>ZB1PW24N</b>	\$257
30"	2	<b>ZB1PW30</b>	\$245	<b>ZB1PW30N</b>	\$257
36"	2	<b>ZB1PW36</b>	\$245	<b>ZB1PW36N</b>	\$257
42"	2	<b>ZB1PW42</b>	\$245	<b>ZB1PW42N</b>	\$257
48"	2	<b>ZB1PW48</b>	\$245	<b>ZB1PW48N</b>	\$257
:	:	:	:	:	:

#### 4-Circuit, 2+2 Wiring Schematic

24"	1	<b>ZB2PW24</b>	\$245	<b>ZB2PW24N</b>	\$257
30"	2	<b>ZB2PW30</b>	\$245	<b>ZB2PW30N</b>	\$257
36"	2	<b>ZB2PW36</b>	\$245	<b>ZB2PW36N</b>	\$257
42"	2	<b>ZB2PW42</b>	\$245	<b>ZB2PW42N</b>	\$257
48"	2	<b>ZB2PW48</b>	\$245	<b>ZB2PW48N</b>	\$257
:	:	:	:	:	:

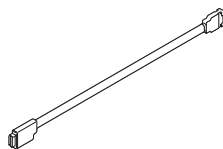
#### 3-Circuit, Separate Neutrals (3SN) Wiring Schematic

24"	1	<b>ZB3PW24</b>	\$245	<b>ZB3PW24N</b>	\$257
30"	2	<b>ZB3PW30</b>	\$245	<b>ZB3PW30N</b>	\$257
36"	2	<b>ZB3PW36</b>	\$245	<b>ZB3PW36N</b>	\$257
42"	2	<b>ZB3PW42</b>	\$245	<b>ZB3PW42N</b>	\$257
48"	2	<b>ZB3PW48</b>	\$245	<b>ZB3PW48N</b>	\$257
:	:	:	:	:	:



**For Canadian Pricing**  
Multiply U.S. Price by the Canadian price factor.  
▶ See page 1 for details.

## Pass-Through Powerkits



Tip: Pass-through powerkit will not connect to base-to-desk power transfer harness.

Standard Includes	Required to Specify
<ul style="list-style-type: none"> <li>Need help? Product details, page 59</li> <li>Pass-through powerkit</li> </ul>	Style number

### Specification Information

Pass-Through Powerkits			Non-PVC Pass-Through Powerkits	
Width	Style Number	U.S. Price	Style Number	U.S. Price
18"	ZB1PTR18	\$178	ZB1PTR18N	\$191
24"	ZB1PTR24	\$178	ZB1PTR24N	\$191
30"	ZB1PTR30	\$178	ZB1PTR30N	\$191
36"	ZB1PTR36	\$178	ZB1PTR36N	\$191
42"	ZB1PTR42	\$178	ZB1PTR42N	\$191
48"	ZB1PTR48	\$178	ZB1PTR48N	\$191
:	:	:	:	:

### 4-Circuit, 3+1 Wiring Schematic

18"	<b>ZB1PTR18</b>	\$178	<b>ZB1PTR18N</b>	\$191
24"	<b>ZB1PTR24</b>	\$178	<b>ZB1PTR24N</b>	\$191
30"	<b>ZB1PTR30</b>	\$178	<b>ZB1PTR30N</b>	\$191
36"	<b>ZB1PTR36</b>	\$178	<b>ZB1PTR36N</b>	\$191
42"	<b>ZB1PTR42</b>	\$178	<b>ZB1PTR42N</b>	\$191
48"	<b>ZB1PTR48</b>	\$178	<b>ZB1PTR48N</b>	\$191
:	:	:	:	:

### 4-Circuit, 2+2 Wiring Schematic

18"	<b>ZB2PTR18</b>	\$178	<b>ZB2PTR18N</b>	\$191
24"	<b>ZB2PTR24</b>	\$178	<b>ZB2PTR24N</b>	\$191
30"	<b>ZB2PTR30</b>	\$178	<b>ZB2PTR30N</b>	\$191
36"	<b>ZB2PTR36</b>	\$178	<b>ZB2PTR36N</b>	\$191
42"	<b>ZB2PTR42</b>	\$178	<b>ZB2PTR42N</b>	\$191
48"	<b>ZB2PTR48</b>	\$178	<b>ZB2PTR48N</b>	\$191
:	:	:	:	:

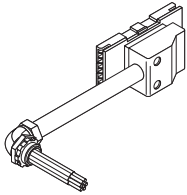
### 3-Circuit, Separate Neutrals (3SN) Wiring Schematic

18"	<b>ZB3PTR18</b>	\$178	<b>ZB3PTR18N</b>	\$191
24"	<b>ZB3PTR24</b>	\$178	<b>ZB3PTR24N</b>	\$191
30"	<b>ZB3PTR30</b>	\$178	<b>ZB3PTR30N</b>	\$191
36"	<b>ZB3PTR36</b>	\$178	<b>ZB3PTR36N</b>	\$191
42"	<b>ZB3PTR42</b>	\$178	<b>ZB3PTR42N</b>	\$191
48"	<b>ZB3PTR48</b>	\$178	<b>ZB3PTR48N</b>	\$191
:	:	:	:	:



**For Canadian Pricing**  
Multiply U.S. Price by the Canadian price factor.  
► See page 1 for details.

## Base Power Infeeds



*Tip: Base power infeed occupies one receptacle location on powerkit.*

*Tip: Base power infeeds are approved for use in San Francisco.*

*Tip: Power infeed sits proud of the panel approximately 3" and will interfere with Universal storage with the Universal 3" base, FrameOne footbase, or c:scape glide base.*

Standard Includes	Required to Specify
<ul style="list-style-type: none"> <li>Need help? Product details, page 60</li> <li>Base power infeed cover: black plastic only</li> <li>1/2"-diameter conduit: black plastic only</li> </ul>	Style number

### Specification Information

Length	Style Number	U.S. Price
--------	--------------	------------

#### 4-Circuit, 3+1 Wiring Schematic

6'	<b>ZB1BPI6</b>	\$276
12'	<b>ZB1BPI12</b>	\$297

##### For Use in San Francisco Only

6'	<b>ZB1BPISF6</b>	\$276
12'	<b>ZB1BPISF12</b>	\$297

#### 4-Circuit, 2+2 Wiring Schematic

6'	<b>ZB2BPI6</b>	\$276
12'	<b>ZB2BPI12</b>	\$297

##### For Use in San Francisco Only

6'	<b>ZB2BPISF6</b>	\$276
12'	<b>ZB2BPISF12</b>	\$297

#### 3-Circuit, Separate Neutrals (3SN) Wiring Schematic

6'	<b>ZB3BPI6</b>	\$276
12'	<b>ZB3BPI12</b>	\$297

##### For Use in San Francisco Only

6'	<b>ZB3BPISF6</b>	\$276
12'	<b>ZB3BPISF12</b>	\$297

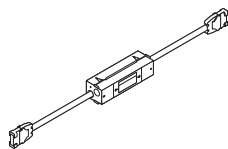


#### For Canadian Pricing

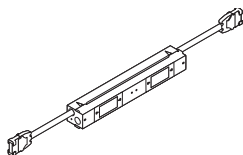
Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.

## Base Power Infeeds for Use in New York City



Tip: Base power infeed occupies one receptacle location on powerkit.



Tip: Base power infeed is for use with 30"W frame only. Only one power infeed can be used per 30"W frame.

Tip: Power infeed sits proud of the panel approximately 3" and will interfere with Universal storage with the Universal 3" base, FrameOne footbase, or c:scape glide base.

Standard Includes	Required to Specify
<ul style="list-style-type: none"> <li>Need help? Product details, page 69</li> <li>Base power infeed assembly</li> <li>1/2"-diameter conduit</li> </ul>	Style number

### Specification Information

Corresponding Panel Width	Style Number	U.S. Price	Non-PVC Style Number	U.S. Price
---------------------------	--------------	------------	----------------------	------------

#### 4-Circuit, 3+1 Wiring Schematic

24", 36", 42", 48"	<b>ZB1BPNY</b>	\$276	<b>ZB1BPNYN</b>	\$288
30"	<b>ZB1BPNY30</b>	\$276	<b>ZB1BPNY30N</b>	\$288

#### 4-Circuit, 2+2 Wiring Schematic

24", 36", 42", 48"	<b>ZB2BPNY</b>	\$276	<b>ZB2BPNYN</b>	\$288
30"	<b>ZB2BPNY30</b>	\$276	<b>ZB2BPNY30N</b>	\$288

#### 3-Circuit, Separate Neutrals (3SN) Wiring Schematic

24", 36", 42", 48"	<b>ZB3BPNY</b>	\$276	<b>ZB3BPNYN</b>	\$288
30"	<b>ZB3BPNY30</b>	\$276	<b>ZB3BPNY30N</b>	\$288

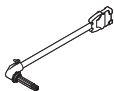


### For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.

## Power Harnesses for Use with Power and Cable Pole



Tip: Power and cable pole must be specified separately.

Standard Includes			Required to Specify	
► Need help? Product details, page 60	<ul style="list-style-type: none"><li>• Harness with modular connector</li><li>• Insulated, color-coded wires for hardwired connection to building power source</li></ul>		Style number	

Specification Information				
			Non-PVC	
Length	Style Number	U.S. Price	Style Number	U.S. Price

4-Circuit, 3+1 Wiring Schematic				
12'	<b>Z1TPI12</b>	\$355	<b>Z1TPI12N</b>	\$367
24'	<b>Z1TPI24</b>	\$514	<b>Z1TPI24N</b>	\$526

4-Circuit, 2+2 Wiring Schematic				
12'	<b>Z2TPI12</b>	\$355	<b>Z2TPI12N</b>	\$367
24'	<b>Z2TPI24</b>	\$514	<b>Z2TPI24N</b>	\$526

3-Circuit, Separate Neutrals (3SN) Wiring Schematic				
12'	<b>Z3TPI12</b>	\$355	<b>Z3TPI12N</b>	\$367
24'	<b>Z3TPI24</b>	\$514	<b>Z3TPI24N</b>	\$526

## Power and Cable Poles



Tip: Custom heights are available through Specials Engineering.

Tip: Base fiber-in is available for cable entry into frame at a point other than a junction.

Tip: Can be used with top power-in.

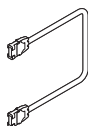
Standard Includes		Required to Specify	
▶ Need help? Product details, page 60	<ul style="list-style-type: none"><li>• Power and cable pole: paint price group 1</li></ul>	<ul style="list-style-type: none"><li>1 Style number</li><li>2 Paint color number for power and cable pole</li><li>3 Options, if selected (see below)</li></ul> ▶ See <i>Surface Materials</i> , page 604.	

Options		U.S. Price	Required to Specify
Surface Materials	<ul style="list-style-type: none"><li>• Paint price group 1</li></ul>	No cost	Specify paint color number.
	<ul style="list-style-type: none"><li>• Paint price group 2</li></ul>	+\$ 6	Specify paint color number.
	<ul style="list-style-type: none"><li>• Paint price group 3</li></ul>	+\$10	Specify paint color number.

Specification Information		
Height	Style Number	U.S. Base Price
19"	ZPP19	\$ 87
40"	ZPP40	\$103
61"	ZPP61	\$125



## Modular Harnesses for Base-to-Desk-Height Power Transfer and Off-Module Desk-Height Power Transfer Cable

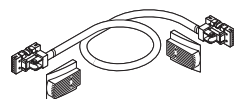


Tip: Off-module power transfer uses harness at desk height only.

Tip: Base-to-desk power transfer will not connect to pass-through powerkits.

Standard Includes			Required to Specify	
▶ Need help? Product details, page 60			• Conduit with two modular connectors: black	
Style number				
Specification Information				
Length	Style Number	U.S. Price	Non-PVC Style Number	U.S. Price
4-Circuit, 3+1 Wiring Schematic				
48"	Z1BDT	\$153	Z1BDTN	\$164
4-Circuit, 2+2 Wiring Schematic				
48"	Z2BDT	\$153	Z2BDTN	\$164
3-Circuit, Separate Neutrals (3SN) Wiring Schematic				
48"	Z3BDT	\$153	Z3BDTN	\$164

## Powerkit External Off-Module Spine-to-Fin Modular Jumpers



Tip: Jumper is used at base of panel only.

Tip: Jumper must be used with powerkit base covers for use with off-module jumper cable.

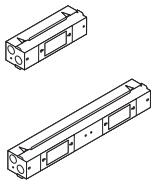
Tip: Jumper may interfere with placement of pedestals.

Standard Includes		Required to Specify	
▶ Need help? Product details, page 60	<ul style="list-style-type: none"><li>• Jumper cable: zinc</li><li>• Jumper cable plug: black</li></ul>	Style number	

Specification Information			
• Style • Number	• U.S. • Price	Non-PVC • Style • Number	• U.S. • Price
<b>4-Circuit, 3+1 Wiring Schematic</b>			
<b>ZB1PJ12</b>	\$252	<b>ZB1PJ12N</b>	\$264
<b>4-Circuit, 2+2 Wiring Schematic</b>			
<b>ZB2PJ12</b>	\$252	<b>ZB2PJ12N</b>	\$264
<b>3-Circuit, Separate Neutrals (3SN) Wiring Schematic</b>			
<b>ZB3PJ12</b>	\$252	<b>ZB3PJ12N</b>	\$264

 **For Canadian Pricing**  
Multiply U.S. Price by the Canadian price factor.  
▶ See page 1 for details.

## Chicago Junction Box

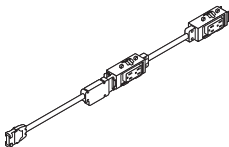


Tip: For use with 30" frame only. One box per 30" frame.

Tip: Wood tiles will not fit over a Chicago junction box installed at desk height.

Standard Includes		Required to Specify
► Need help? Product details, page 68	<ul style="list-style-type: none"> <li>• Carton of six junction boxes: zinc plated only</li> <li>• Base power-in covers</li> <li>• Receptacle faceplates</li> </ul>	Style number
Specification Information		
Style Number	U.S. Price	
ZCHIBOXB	\$391	
ZCHIBOXB30	\$520	

## Retrofit Powerkits



Tip: For use in Montage frames manufactured prior to March 20, 2000.

Tip: Retrofit powerkits work with other powerkit system components.

Tip: Remember to order receptacles.  
► Page 349

Tip: Base and desk-height cavity covers must be ordered through Specials.

Standard Includes				Required to Specify		
► Need help? Product details, page 59	• Powerkit to accommodate modular receptacles on both sides: black plastic only			Style number		
Specification Information						
• Width	• Number of Duplex Receptacles Accommodated Per Side	• Style Number	• U.S. Price	Non-PVC • Number of Duplex Receptacles Accommodated Per Side	• Style Number	• U.S. Price
24"	2	ZB2PW24R	\$245	2	ZB2PW24RN	\$257
30"	4	ZB2PW30R	\$245	4	ZB2PW30RN	\$257
36"	4	ZB2PW36R	\$245	4	ZB2PW36RN	\$257
42"	4	ZB2PW42R	\$245	4	ZB2PW42RN	\$257
48"	4	ZB2PW48R	\$245	4	ZB2PW48RN	\$257

### 4-Circuit, 2+2 Wiring Schematic

24"	2	ZB2PW24R	\$245	2	ZB2PW24RN	\$257
30"	4	ZB2PW30R	\$245	4	ZB2PW30RN	\$257
36"	4	ZB2PW36R	\$245	4	ZB2PW36RN	\$257
42"	4	ZB2PW42R	\$245	4	ZB2PW42RN	\$257
48"	4	ZB2PW48R	\$245	4	ZB2PW48RN	\$257

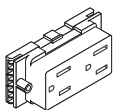


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► See page 1 for details.

# Receptacles

For Use with Powerkits

Receptacles



Standard Includes		Required to Specify
► Need help? Product details, page 59	• Receptacle: plastic	1 Style number 2 Plastic color number for receptacle: 6000 Black 6009 Arctic White 6249 Platinum Solid 6651 Tungsten 6652 Titanium 6654 Sand 6697 Fog 6B03 Red

## Specification Information

### 15-Amp Receptacles

### 20-Amp Receptacles

Line	Style Number	U.S. Price	Style Number	U.S. Price	Style Number	U.S. Price	Style Number	U.S. Price
------	--------------	------------	--------------	------------	--------------	------------	--------------	------------

#### 4-Circuit, 3+1 Wiring Schematic

	System Ground		Isolated Ground		System Ground		Isolated Ground	
Line 1	<b>ZB1R1SG</b>	\$42	<b>ZB1R1IG</b>	\$54	<b>ZB1R1SGH</b>	\$71	<b>ZB1R1IGH</b>	\$90
Line 2	<b>ZB1R2SG</b>	\$42	<b>ZB1R2IG</b>	\$54	<b>ZB1R2SGH</b>	\$71	<b>ZB1R2IGH</b>	\$90
Line 3	<b>ZB1R3SG</b>	\$42	<b>ZB1R3IG</b>	\$54	<b>ZB1R3SGH</b>	\$71	<b>ZB1R3IGH</b>	\$90
Line 4	<b>ZB1R4SG</b>	\$42	<b>ZB1R4IG</b>	\$54	<b>ZB1R4SGH</b>	\$71	<b>ZB1R4IGH</b>	\$90

#### 4-Circuit, 2+2 Wiring Schematic

	System Ground		Isolated Ground		System Ground		Isolated Ground	
Line 1	<b>ZB2R1SG</b>	\$42	<b>ZB2R1IG</b>	\$54	<b>ZB2R1SGH</b>	\$71	<b>ZB2R1IGH</b>	\$90
Line 2	<b>ZB2R2SG</b>	\$42	<b>ZB2R2IG</b>	\$54	<b>ZB2R2SGH</b>	\$71	<b>ZB2R2IGH</b>	\$90
Line 3	<b>ZB2R3SG</b>	\$42	<b>ZB2R3IG</b>	\$54	<b>ZB2R3SGH</b>	\$71	<b>ZB2R3IGH</b>	\$90
Line 4	<b>ZB2R4SG</b>	\$42	<b>ZB2R4IG</b>	\$54	<b>ZB2R4SGH</b>	\$71	<b>ZB2R4IGH</b>	\$90

#### 3-Circuit, Separate Neutrals (3SN) Wiring Schematic

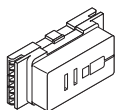
	System Ground		Isolated Ground		System Ground		Isolated Ground	
Line 1	<b>ZB3R1SG</b>	\$42	<b>ZB3R1IG</b>	\$54	<b>ZB3R1SGH</b>	\$71	<b>ZB3R1IGH</b>	\$90
Line 2	<b>ZB3R2SG</b>	\$42	<b>ZB3R2IG</b>	\$54	<b>ZB3R2SGH</b>	\$71	<b>ZB3R2IGH</b>	\$90
Line 3	<b>ZB3R3SG</b>	\$42	<b>ZB3R3IG</b>	\$54	<b>ZB3R3SGH</b>	\$71	<b>ZB3R3IGH</b>	\$90

Wiring & Cabling



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Canadian price factor.  
► See page 1 for details.

# USB Receptacles



Standard Includes		Required to Specify
► Need help? Product details, page 59	• USB receptacle: plastic	1 Style number 2 Plastic color number for USB receptacle: 6000 Black 6009 Arctic White 6249 Platinum Solid 6651 Tungsten 6652 Titanium 6654 Sand 6697 Fog 6B03 Red

## Specification Information

Line	Style Number	U.S. Price
------	--------------	------------

### 4-Circuit, 3+1 Wiring Schematic

Line 1	<b>TS71USBX</b>	\$106
Line 2	<b>TS72USBX</b>	\$106
Line 3	<b>TS73USBX</b>	\$106
Line 4	<b>TS74USBX</b>	\$106
:	:	:

### 4-Circuit, 2+2 Wiring Schematic

Line 1	<b>TS71USBY</b>	\$106
Line 2	<b>TS72USBY</b>	\$106
Line 3	<b>TS73USBY</b>	\$106
Line 4	<b>TS74USBY</b>	\$106
:	:	:

### 3-Circuit, Separate Neutrals (3SN) Wiring Schematic

Line 1	<b>TS71USBZ</b>	\$106
Line 2	<b>TS72USBZ</b>	\$106
Line 3	<b>TS73USBZ</b>	\$106
:	:	:



#### For Canadian Pricing

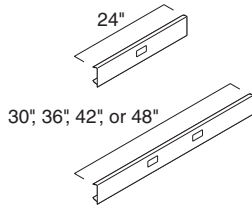
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► See page 1 for details.

# Base Cavity and Desk-Height Cavity Covers

Base Cavity and  
Desk-Height Cavity Covers

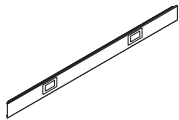
## Powerkit Base Covers



Tip: Powerkit base covers can be used with powerkit system only.

Standard Includes		Required to Specify
► Need help? Product details, page 62	• Base cover with receptacle openings and receptacle opening filler plates: all paint price groups	1 Style number 2 Paint color number for base cover ► See <i>Surface Materials</i> , page 604.
Specification Information		
Length	Style Number	U.S. Price
24"	<b>ZPBC24B</b>	\$43
30"	<b>ZPBC30B</b>	\$43
36"	<b>ZPBC36B</b>	\$43
42"	<b>ZPBC42B</b>	\$43
48"	<b>ZPBC48B</b>	\$43
:	:	:

## Powerkit Base Covers for Use with Off-Module Jumper Cable



Tip: Powerkit base covers can be used with powerkit system only.

Tip: Receptacle opening can be knocked out to create a jumper opening.

Standard Includes		Required to Specify
► Need help? Product details, page 62	• Base cover with standard decora-size power openings: all paint price groups	1 Style number 2 Paint color number for base cover ► See <i>Surface Materials</i> , page 604.
Specification Information		
Length	Style Number	U.S. Price
24"	<b>ZPBCJ24B</b>	\$60
30"	<b>ZPBCJ30B</b>	\$60
36"	<b>ZPBCJ36B</b>	\$60
42"	<b>ZPBCJ42B</b>	\$60
48"	<b>ZPBCJ48B</b>	\$60
:	:	:



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Canadian price factor.  
► See page 1 for details.

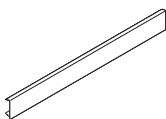
## Outlet Filler Plate



*Tip: Paint color of outlet filler plate can match or complement base cover.*

Standard Includes			Required to Specify	
<p>► Need help? Product details, page 63</p> <ul style="list-style-type: none"><li>• Outlet filler plate: all paint price groups</li></ul>			<p>1 Style number 2 Paint color number for plate ► See <i>Surface Materials</i>, page 604.</p>	
Specification Information				
• Dimensions			• Style	• U.S.
D	W	H	Number	Price
1/16"	13/4"	2"	ZFP	\$14

## Plain Base Covers



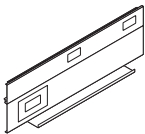
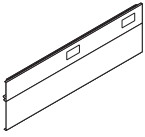
*Tip: Base covers for frames are ordered individually to allow you to combine plain and power base covers on opposite sides of a frame or to specify different paint colors on the base covers on opposite sides of a frame.*

Standard Includes		Required to Specify
<p>► Need help? Product details, page 62</p> <ul style="list-style-type: none"><li>• Base cover: all paint price groups</li></ul>		<p>1 Style number 2 Paint color number for base cover ► See <i>Surface Materials</i>, page 604.</p>
Specification Information		
• Width • • •	• Style • Number • •	• U.S. • Price • •
18"	<b>ZBC18</b>	\$45
24"	<b>ZBC24</b>	\$45
30"	<b>ZBC30</b>	\$45
36"	<b>ZBC36</b>	\$45
42"	<b>ZBC42</b>	\$45
48"	<b>ZBC48</b>	\$45
•	•	•



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Canadian price factor.  
► See page 1 for details.

## Powerkit Enhanced Desk-Height Cavity Covers



*Tip: Powerkit desk-height cavity covers can be used with powerkit system only.*

*Tip: Desk-height cavity covers with 36"W to 48"W has an option for two Decora/NEMA data openings below worksurface.*

*Tip: Cable tray cannot be used with full-depth (24"D or 30"D) Universal pedestals.*

*Tip: Two cable carriers are provided with each desk-height cavity cover. Order additional carriers separately.*

Standard Includes	Required to Specify
<p>► Need help? Product details, page 62</p> <ul style="list-style-type: none"> <li>Base cover with receptacle openings and one decora data opening above the worksurface: all paint price groups</li> <li>Lower beltway cover without data openings</li> <li>Two cable carriers</li> <li>Snap-in fillers</li> </ul>	<p>1 Style number 2 Paint color number for base cover 3 Options, if selected (see below) ► See <i>Surface Materials</i>, page 604.</p>

Options	U.S. Price	Required to Specify
<ul style="list-style-type: none"> <li>Cable tray</li> <li>Decora/NEMA data openings below worksurface</li> </ul>	<p>+\$23 +\$44</p>	<p>Specify with cable tray. Specify with openings below worksurface.</p>

Specification Information		
Length	Style Number	U.S. Base Price
18"	<b>ZPEDC18B</b>	\$45
24"	<b>ZPEDC24B</b>	\$47
30"	<b>ZPEDC30B</b>	\$52
36"	<b>ZPEDC36B</b>	\$59
42"	<b>ZPEDC42B</b>	\$77
48"	<b>ZPEDC48B</b>	\$77
.	.	.

## Cable Carrier



*Tip: Cable carrier cannot be used with frames that have glass inserts.*

*Tip: Cable carriers can be stacked together.*

Standard Includes	Required to Specify
<p>► Need help? Product details, page 64</p> <ul style="list-style-type: none"> <li>Cable carrier: black plastic</li> </ul>	<p>Style number</p>

Specification Information	
Style Number	U.S. Price
<b>ZCC</b>	\$7
.	.



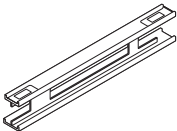
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## Cable Sleeves



Standard Includes		Required to Specify
► Need help? Product details, page 60	• Package of 20: red plastic	Style number
Specification Information		
Style Number	U.S. Price	
Cable Sleeves		
ZCSLVE	\$71	

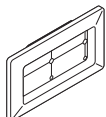
## Desk-Height Cavities




*Tip: Frames are available with factory-installed desk-height cavities. Order desk-height cavities separately to upgrade a frame in the field to accept a powerkit (PK) or powerway (PW).*

Standard Includes		Required to Specify
► Need help? Product details, page 60	• Desk-height cavity: paint	1 Style number 2 Paint color number for desk-height cavity ► See <i>Surface Materials</i> , page 604.
Specification Information		
Width	Style Number	U.S. Price
24"	<b>ZDHC24</b>	\$100
30"	<b>ZDHC30</b>	\$118
36"	<b>ZDHC36</b>	\$133
42"	<b>ZDHC42</b>	\$148
48"	<b>ZDHC48</b>	\$164

## Series 9000 Duplex Cable Grommets



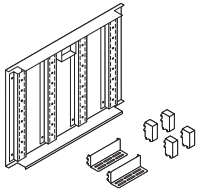
Standard Includes		Required to Specify
► Need help? Product details, page 60	• Carton of five cable grommets: plastic	1 Style number 2 Plastic color number for grommets: 6000 Black 6001 Coffee 6612 Grey V2  6615 Grey V5 6655 Warm White 6697 Fog
Specification Information		
Style Number	U.S. Price	
98863	\$27	



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Canadian price factor.  
► See page 1 for details.

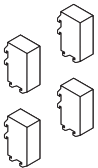


## Consolidation Point Kit



Standard Includes		Required to Specify
▶ Need help? Product details, page 66	• Back panel: black paint	Style number
	• Mounting hardware	
	• Two pairs of mounting brackets: black only	
	• Two cable managers: black only	
Specification Information		
• Style • Number • • •	• U.S. • Price • • •	
ZCPK	\$370	
•	•	

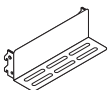
## Consolidation Point Mounting Brackets



*Tip: Order these mounting brackets to meet additional cabling needs when necessary.*

Standard Includes		Required to Specify
▶ Need help? Product details, page 66	• Carton of two pairs of mounting brackets: black only	Style number
Specification Information		
• <b>Style Number</b>	• <b>U.S. Price</b>	
•	•	
•	•	
<b>ZCPMB</b>	\$68	
•	•	

## Consolidation Point Cable Manager



*Tip: Order these cable managers to meet additional cabling needs when necessary.*

Standard Includes		Required to Specify
▶ Need help? Product details, page 67	• Two cable managers: black only	Style number
Specification Information		
• <b>Style Number</b>	• <b>U.S. Price</b>	
•	•	
•	•	
<b>ZCPCM</b>	\$62	
•	•	

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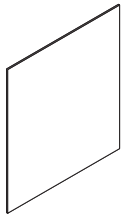
# Specifying Tiles

## Tiles

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Tiles

# Enhanced Monolithic Tackable Acoustical Tiles



Tip: Enhanced monolithic tackable acoustical, enhanced high-performance acoustical, and enhanced monolithic wood tiles can be used on enhanced monolithic frames only.

Tip: Standard fabric direction on Montage tiles 60"H or less is warp horizontal; warp vertical direction is available as an option. Fabric direction on tiles 81"H is warp vertical only.

Tip: Enhanced monolithic tackable acoustical tiles cannot be installed on pocket frames.

Standard Includes	Required to Specify
<ul style="list-style-type: none"> <li>Need help? Product details, page 84</li> <li>33"H to 60"H tiles, fabric direction with horizontal application: fabric price group 1</li> <li>81"H tiles, fabric direction with vertical application: fabric price group 1</li> </ul>	<ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Fabric color number for tile surface</li> <li>3 Options, if selected (see below)</li> <li>▶ See <i>Surface Materials</i>, page 604.</li> </ul>

Options	U.S. Price	Required to Specify
<b>Surface Materials</b> <ul style="list-style-type: none"> <li>Fabric price group 1</li> <li>Fabric price group 2</li> <li>Fabric price group 3</li> <li>Fabric price group 4</li> <li>Fabric price group 5</li> <li>Fabric price group COM</li> </ul>	<ul style="list-style-type: none"> <li>No cost</li> <li>+\$ 27</li> <li>+\$ 48</li> <li>+\$ 77</li> <li>+\$120</li> <li>+\$ 16</li> </ul>	<ul style="list-style-type: none"> <li>Specify fabric color number.</li> <li>Specify fabric color number.</li> <li>Specify fabric color number.</li> <li>Specify fabric color number.</li> <li>Specify fabric color number.</li> <li>▶ See <i>Surface Materials Reference Manual</i> to specify.</li> </ul>
<b>Fabric direction on 33"H to 60"H tiles</b> <ul style="list-style-type: none"> <li>Vertical application</li> </ul>		
	No cost	<ul style="list-style-type: none"> <li>Specify with vertical application.</li> <li>▶ Page 614</li> </ul>

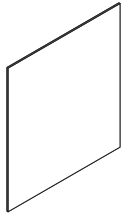
Specification Information					
Width	Style Number	U.S. Base Price	Width	Style Number	U.S. Base Price
<b>33"H Tiles</b>			<b>40"H Tiles</b>		
24"	<b>ZTAM2433</b>	\$197	24"	<b>ZTAM2440</b>	\$197
30"	<b>ZTAM3033</b>	\$238	30"	<b>ZTAM3040</b>	\$238
36"	<b>ZTAM3633</b>	\$270	36"	<b>ZTAM3640</b>	\$270
42"	<b>ZTAM4233</b>	\$299	42"	<b>ZTAM4240</b>	\$299
48"	<b>ZTAM4833</b>	\$328	48"	<b>ZTAM4840</b>	\$328
:	:	:	:	:	:
<b>50"H Tiles</b>			<b>60"H Tiles</b>		
24"	<b>ZTAM2450</b>	\$222	24"	<b>ZTAM2460</b>	\$251
30"	<b>ZTAM3050</b>	\$257	30"	<b>ZTAM3060</b>	\$283
36"	<b>ZTAM3650</b>	\$295	36"	<b>ZTAM3660</b>	\$322
42"	<b>ZTAM4250</b>	\$324	42"	<b>ZTAM4260</b>	\$346
48"	<b>ZTAM4850</b>	\$351	48"	<b>ZTAM4860</b>	\$372
:	:	:	:	:	:
<b>81"H Tiles</b>					
24"	<b>ZTAM2481</b>	\$281			
30"	<b>ZTAM3081</b>	\$313			
36"	<b>ZTAM3681</b>	\$347			
42"	<b>ZTAM4281</b>	\$386			
48"	<b>ZTAM4881</b>	\$431			
:	:	:			



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# Enhanced Monolithic High-Performance Acoustical Tiles

Enhanced Monolithic  
High-Performance  
Acoustical Tiles



Tip: Enhanced monolithic tackable acoustical, enhanced high-performance acoustical, and enhanced monolithic wood tiles can be used on enhanced monolithic frames only.

Tip: Standard fabric direction on Montage tiles 60"H or less is warp horizontal; warp vertical direction is available as an option. Fabric direction on tiles 81"H is warp vertical only.

Tip: Enhanced monolithic high-performance acoustical tiles cannot be installed on pocket frames.

Tip: 33"H tiles are for use with enhanced monolithic 38"H frames or they can be used above the desk cavity on 65"H enhanced monolithic frames.

Standard Includes		Required to Specify	
► Need help? Product details, page 84	<ul style="list-style-type: none"> <li>33"H to 60"H tiles, fabric direction with horizontal application: fabric price group 1</li> <li>81"H tiles, fabric direction with vertical application: fabric price group 1</li> </ul>	1 Style number 2 Fabric color number for tile surface 3 Options, if selected (see below) ► See <i>Surface Materials</i> , page 604.	

Options	U.S. Price	Required to Specify	
<b>Surface Materials</b>	<ul style="list-style-type: none"> <li>Fabric price group 1</li> <li>Fabric price group 2</li> <li>Fabric price group 3</li> <li>Fabric price group 4</li> <li>Fabric price group 5</li> <li>Fabric price group COM</li> </ul>	No cost +\$ 27 +\$ 48 +\$ 77 +\$120 +\$ 16	Specify fabric color number. Specify fabric color number. Specify fabric color number. Specify fabric color number. Specify fabric color number. Specify fabric color number. ► See <i>Surface Materials Reference Manual</i> to specify.

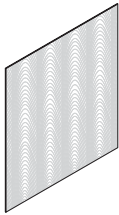
  

<b>Fabric direction on 33"H to 60"H tiles</b>			
• Vertical application	No cost	Specify with vertical application.	► Page 614

Specification Information					
Width	Style Number	U.S. Base Price	Width	Style Number	U.S. Base Price
<b>33"H Tiles</b>			<b>40"H Tiles</b>		
24"	<b>ZTHM2433</b>	\$234	24"	<b>ZTHM2440</b>	\$234
30"	<b>ZTHM3033</b>	\$279	30"	<b>ZTHM3040</b>	\$279
36"	<b>ZTHM3633</b>	\$319	36"	<b>ZTHM3640</b>	\$319
42"	<b>ZTHM4233</b>	\$352	42"	<b>ZTHM4240</b>	\$352
48"	<b>ZTHM4833</b>	\$387	48"	<b>ZTHM4840</b>	\$387
:	:	:	:	:	:
<b>50"H Tiles</b>			<b>60"H Tiles</b>		
24"	<b>ZTHM2450</b>	\$264	24"	<b>ZTHM2460</b>	\$296
30"	<b>ZTHM3050</b>	\$306	30"	<b>ZTHM3060</b>	\$335
36"	<b>ZTHM3650</b>	\$347	36"	<b>ZTHM3660</b>	\$377
42"	<b>ZTHM4250</b>	\$379	42"	<b>ZTHM4260</b>	\$407
48"	<b>ZTHM4850</b>	\$415	48"	<b>ZTHM4860</b>	\$439
:	:	:	:	:	:
<b>81"H Tiles</b>					
24"	<b>ZTHM2481</b>	\$346			
30"	<b>ZTHM3081</b>	\$386			
36"	<b>ZTHM3681</b>	\$427			
42"	<b>ZTHM4281</b>	\$474			
48"	<b>ZTHM4881</b>	\$531			
:	:	:			

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Multiply U.S. Price by the  
Canadian price factor.  
► See page 1 for details.

# Enhanced Monolithic Wood Tiles



Tip: Enhanced monolithic tackable acoustical, enhanced high-performance acoustical, and enhanced monolithic wood tiles can be used on enhanced monolithic frames only.

Tip: Enhanced monolithic wood tiles cannot be installed on pocket frames.

Tip: Enhanced monolithic wood tiles cannot be installed to cover up a desk cavity with Chicago hardwire junction boxes installed. Contact Steelcase Specials if enhanced monolithic wood tiles are required to cover Chicago hardwire junction boxes.

Tip: Full width enhanced monolithic wood tiles will not allow any hang on components to install on frame.

Standard Includes	Required to Specify
<ul style="list-style-type: none"> <li>Need help? Product details, page 84</li> <li>Tile: wood</li> </ul>	<ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Wood color number for tile surface</li> <li>3 Options, if selected (see below)</li> <li>▶ See <i>Surface Materials</i>, page 604.</li> </ul>

Options	U.S. Price	Required to Specify
<b>Surface Materials</b> <ul style="list-style-type: none"> <li>Premium wood 2</li> <li>Premium wood 3</li> <li>Customiz stain</li> </ul>	Prices below and at right Prices below and at right No cost	Specify Premium wood 2 finish number. Specify Premium wood 3 finish number. Specify <i>with Customiz stain</i> . ▶ See <i>Surface Materials Reference Manual</i> .
<b>Full Width Tile</b> <ul style="list-style-type: none"> <li>Full width tile</li> </ul>	+\$55	Specify <i>with full width tile</i> .

## Specification Information

Width	Style Number	U.S. Base Price	Options (Add \$ to Base Price)
			<b>Premium Wood</b>
			Wood 2 : Wood 3

## 33"H Tiles

18"	<b>ZTWM1833</b>	\$589	+\$ 55	+\$196
24"	<b>ZTWM2433</b>	\$589	+\$ 55	+\$196
30"	<b>ZTWM3033</b>	\$654	+\$ 93	+\$328
36"	<b>ZTWM3633</b>	\$710	+\$138	+\$485
42"	<b>ZTWM4233</b>	\$762	+\$138	+\$485
48"	<b>ZTWM4833</b>	\$815	+\$138	+\$485
:	:	:	:	:

## 40"H Tiles

18"	<b>ZTWM1840</b>	\$658	+\$ 55	+\$196
24"	<b>ZTWM2440</b>	\$690	+\$ 55	+\$196
30"	<b>ZTWM3040</b>	\$726	+\$ 93	+\$328
36"	<b>ZTWM3640</b>	\$762	+\$138	+\$485
42"	<b>ZTWM4240</b>	\$802	+\$138	+\$485
48"	<b>ZTWM4840</b>	\$867	+\$138	+\$485
:	:	:	:	:

## 50"H Tiles

18"	<b>ZTWM1850</b>	\$695	+\$ 93	+\$328
24"	<b>ZTWM2450</b>	\$730	+\$ 93	+\$328
30"	<b>ZTWM3050</b>	\$763	+\$138	+\$485
36"	<b>ZTWM3650</b>	\$798	+\$138	+\$485
42"	<b>ZTWM4250</b>	\$841	+\$138	+\$485
48"	<b>ZTWM4850</b>	\$905	+\$195	+\$680
:	:	:	:	:

▶ **Specification Information, continued on next page**



**For Canadian Pricing**  
 Multiply U.S. Price by the Canadian price factor.  
 ▶ See page 1 for details.

► Specification Information, continued from previous page

**Specification Information**

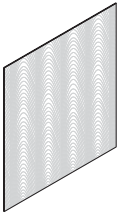
Width	Style Number	U.S. Base Price	Options (Add \$ to Base Price)
			<b>Premium Wood</b>
			Wood 2 : Wood 3

**60"H Tiles**

18"	<b>ZTWM1860</b>	\$ 802	+\$138	+\$485
24"	<b>ZTWM2460</b>	\$ 843	+\$138	+\$485
30"	<b>ZTWM3060</b>	\$ 874	+\$138	+\$485
36"	<b>ZTWM3660</b>	\$ 908	+\$138	+\$485
42"	<b>ZTWM4260</b>	\$ 952	+\$195	+\$680
48"	<b>ZTWM4860</b>	\$1018	+\$195	+\$680
:	:	:	:	:

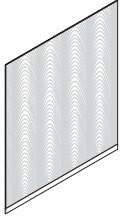
**81"H Tiles**

18"	<b>ZTWM1881</b>	\$ 923	+\$138	+\$485
24"	<b>ZTWM2481</b>	\$ 962	+\$138	+\$485
30"	<b>ZTWM3081</b>	\$ 993	+\$195	+\$680
36"	<b>ZTWM3681</b>	\$1026	+\$246	+\$858
42"	<b>ZTWM4281</b>	\$1080	+\$246	+\$858
48"	<b>ZTWM4881</b>	\$1167	+\$246	+\$858
:	:	:	:	:



**For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
► See page 1 for details.

# Enhanced Monolithic Full to the Floor Wood Tiles



Tip: Horizontal tile trim must be specified separately for each full to the floor tile.  
► See page 369

Tip: Enhanced monolithic tackable acoustical, enhanced high-performance acoustical, and enhanced monolithic wood tiles can be used on enhanced monolithic frames only.

Tip: Enhanced monolithic full to the floor wood tiles cannot be installed on pocket frames.

Tip: Enhanced monolithic full to the floor wood tiles cannot be installed to cover up a desk cavity or base cavity with Chicago hardwire junction boxes installed. Contact Steelcase Specials if enhanced monolithic full to the floor wood tiles are required to cover Chicago hardwire junction boxes.

Tip: Full width enhanced monolithic wood tiles will not allow any hang on components to install frame.

Tip: Full to the floor tiles cannot install on open base frames.



**For Canadian Pricing**  
Multiply U.S. Price by the Canadian price factor.  
► See page 1 for details.

Standard Includes		Required to Specify
► Need help? Product details, page 84	<ul style="list-style-type: none"> <li>Tile: wood</li> <li>Horizontal tile trim: paint (order separately)</li> </ul>	1 Style number 2 Wood color number for tile surface 3 Options, if selected (see below) ► See <i>Surface Materials</i> , page 604.

Options	U.S. Price	Required to Specify
<b>Surface Materials</b> <ul style="list-style-type: none"> <li>Premium wood 2</li> <li>Premium wood 3</li> <li>Customiz stain</li> </ul>	Prices below and at right Prices below and at right No cost	Specify Premium wood 2 finish number. Specify Premium wood 3 finish number. Specify <i>with Customiz stain</i> . ► See <i>Surface Materials Reference Manual</i> .
<b>Full Width Tile</b> <ul style="list-style-type: none"> <li>Full width tile</li> </ul>	+\$55	Specify <i>with full width tile</i> .

## Specification Information

Width	Style Number	U.S. Base Price	Options (Add \$ to Base Price)
			<b>Premium Wood</b>
			Wood 2 : Wood 3

### 38"H Tiles

18"	<b>ZTWM1833H</b>	\$637	+\$ 55	+\$196
24"	<b>ZTWM2433H</b>	\$670	+\$ 55	+\$196
30"	<b>ZTWM3033H</b>	\$706	+\$ 93	+\$328
36"	<b>ZTWM3633H</b>	\$741	+\$138	+\$485
42"	<b>ZTWM4233H</b>	\$782	+\$138	+\$485
48"	<b>ZTWM4833H</b>	\$846	+\$138	+\$485
:	:	:	:	:

### 45"H Tiles

18"	<b>ZTWM1840H</b>	\$675	+\$ 55	+\$196
24"	<b>ZTWM2440H</b>	\$709	+\$ 55	+\$196
30"	<b>ZTWM3040H</b>	\$743	+\$ 93	+\$328
36"	<b>ZTWM3640H</b>	\$780	+\$138	+\$485
42"	<b>ZTWM4240H</b>	\$820	+\$138	+\$485
48"	<b>ZTWM4840H</b>	\$885	+\$138	+\$485
:	:	:	:	:

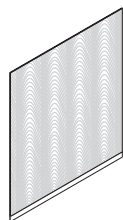
### 55"H Tiles

18"	<b>ZTWM1850H</b>	\$713	+\$ 93	+\$328
24"	<b>ZTWM2450H</b>	\$748	+\$ 93	+\$328
30"	<b>ZTWM3050H</b>	\$782	+\$138	+\$485
36"	<b>ZTWM3650H</b>	\$818	+\$138	+\$485
42"	<b>ZTWM4250H</b>	\$857	+\$138	+\$485
48"	<b>ZTWM4850H</b>	\$924	+\$195	+\$680
:	:	:	:	:

► **Specification Information, continued on next page**



► Specification Information, continued from previous page



Tip: Specify paint finish on trim to match frame finish.

Tip: Horizontal tile trim must be specified separately for each full to the floor tile.

### Specification Information

Width	Style Number	U.S. Base Price	Options (Add \$ to Base Price)
			<b>Premium Wood</b>
			Wood 2 : Wood 3

### 65"H Tiles

18"	<b>ZTWM1860H</b>	\$ 820	+\$138	+\$485
24"	<b>ZTWM2460H</b>	\$ 859	+\$138	+\$485
30"	<b>ZTWM3060H</b>	\$ 893	+\$138	+\$485
36"	<b>ZTWM3660H</b>	\$ 927	+\$138	+\$485
42"	<b>ZTWM4260H</b>	\$ 971	+\$195	+\$680
48"	<b>ZTWM4860H</b>	\$1037	+\$195	+\$680
:	:	:	:	:

### 86"H Tiles

18"	<b>ZTWM1881H</b>	\$ 944	+\$138	+\$485
24"	<b>ZTWM2481H</b>	\$ 984	+\$138	+\$485
30"	<b>ZTWM3081H</b>	\$1020	+\$195	+\$680
36"	<b>ZTWM3681H</b>	\$1049	+\$246	+\$858
42"	<b>ZTWM4281H</b>	\$1107	+\$246	+\$858
48"	<b>ZTWM4881H</b>	\$1192	+\$246	+\$858
:	:	:	:	:

### Related Products

Width	Style Number	U.S. Price

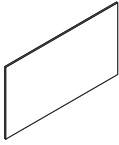
### Horizontal Tile Trim

18"	<b>ZTRIM18</b>	\$18
24"	<b>ZTRIM24</b>	\$18
30"	<b>ZTRIM30</b>	\$18
36"	<b>ZTRIM36</b>	\$18
42"	<b>ZTRIM42</b>	\$18
48"	<b>ZTRIM48</b>	\$18
:	:	:



**For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
► See page 1 for details.

# Enhanced Tackable Acoustical and High-Performance Acoustical Tiles



Tip: Enhanced tiles can be used on any enhanced frame, including monolithic frames, and any standard frames manufactured after July 2001.

Exception: Enhanced slatwall tiles can be used on any standard frame regardless of manufacture dates. Refer to compatibility tips. ▶ Page 310

Tip: High-performance tiles cannot be installed on pocket frames.

Standard Includes		Required to Specify	
▶ Need help? Product details, page 86	• Tile, fabric direction with horizontal application: fabric price group 1	1 Style number 2 Fabric color number for tile surface 3 Options, if selected (see below) ▶ See <i>Surface Materials</i> , page 604.	
Options	U.S. Price	Required to Specify	
<b>Surface Materials</b>	<ul style="list-style-type: none"> <li>Fabric price group 1</li> <li>Fabric price group 2</li> <li>Fabric price group 3</li> <li>Fabric price group 4</li> <li>Fabric price group 5</li> <li>Fabric price group COM</li> </ul>	No cost +\$14 +\$27 +\$39 +\$60 +\$16	Specify fabric color number. Specify fabric color number. Specify fabric color number. Specify fabric color number. Specify fabric color number. ▶ See <i>Surface Materials Reference Manual</i> to specify.
	<b>Fabric direction</b>		
	• Vertical application	No cost	Specify with vertical application. ▶ Page 614

## Specification Information

Width	Style Number	U.S. Base Price	Style Number	U.S. Base Price	Style Number	U.S. Base Price

## Enhanced Tackable Acoustical Tiles

	10"H Tiles		13"H Tiles		20"H Tiles	
18"	<b>ZTAE1810</b>	\$ 92	<b>ZTAE1813</b>	\$ 92	<b>ZTAE1820</b>	\$107
24"	<b>ZTAE2410</b>	\$103	<b>ZTAE2413</b>	\$103	<b>ZTAE2420</b>	\$119
30"	<b>ZTAE3010</b>	\$127	<b>ZTAE3013</b>	\$127	<b>ZTAE3020</b>	\$142
36"	<b>ZTAE3610</b>	\$149	<b>ZTAE3613</b>	\$149	<b>ZTAE3620</b>	\$164
42"	<b>ZTAE4210</b>	\$172	<b>ZTAE4213</b>	\$172	<b>ZTAE4220</b>	\$186
48"	<b>ZTAE4810</b>	\$193	<b>ZTAE4813</b>	\$193	<b>ZTAE4820</b>	\$208

## Enhanced High-Performance Acoustical Tiles

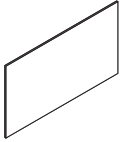
	10"H Tiles		13"H Tiles		20"H Tiles	
18"	<b>ZTHE1810</b>	\$ 98	<b>ZTHE1813</b>	\$ 98	<b>ZTHE1820</b>	\$119
24"	<b>ZTHE2410</b>	\$111	<b>ZTHE2413</b>	\$111	<b>ZTHE2420</b>	\$135
30"	<b>ZTHE3010</b>	\$133	<b>ZTHE3013</b>	\$133	<b>ZTHE3020</b>	\$158
36"	<b>ZTHE3610</b>	\$158	<b>ZTHE3613</b>	\$158	<b>ZTHE3620</b>	\$179
42"	<b>ZTHE4210</b>	\$182	<b>ZTHE4213</b>	\$182	<b>ZTHE4220</b>	\$197
48"	<b>ZTHE4810</b>	\$207	<b>ZTHE4813</b>	\$207	<b>ZTHE4820</b>	\$219



**For Canadian Pricing**  
Multiply U.S. Price by the Canadian price factor.  
▶ See page 1 for details.



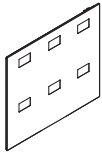
# Enhanced Non-Tackable Tiles



*Tip: Enhanced tiles can be used on any enhanced frame, including monolithic frames, and any standard frames manufactured after July 2001.*

*Exception: Enhanced slat-wall tiles can be used on any standard frame regardless of manufacture dates. Refer to compatibility tips.*

► Page 310



*Tip: Data opening option only available on 20"H tiles.*

*Tip: Patterned options are not available on tiles with data termination option.*

*Tip: Perforated, indented, and dome tile pattern options are not available on fabric-covered tiles. Pattern options are not available on tiles with cutout and base fiber-in.*

*Tip: Perforated tiles ship with metal septum, which will block cable and power routing when used back-to-back.*

*Tip: Dome tiles cannot be used behind off-module bracket connections.*

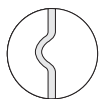
## Decoding pattern numbers

P = Perforated

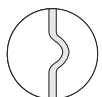
I = Indented

D = Dome

Number indicates the quantity of holes or indentations in a 2"W x 1 3/8"H area.



Cross-section through indented tile



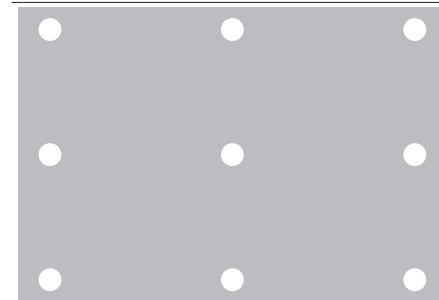
Cross-section through dome tile

Standard Includes		Required to Specify	
► Need help? Product details, page 86	• Tile: paint price group 1	1 Style number	
	• Wedge-shaped connector, if applicable: black plastic only	2 Paint color number for tile surface	
	• 6'-long, 3/4" inside diameter conduit, on base fiber-in only: black plastic only	3 Options, if selected (see below)	► See <i>Surface Materials</i> , page 604.

	Options	U.S. Price	Required to Specify
<b>Surface Materials</b>	• Paint price group 1	No cost	Specify paint color number.
	• Paint price group 2	+\$ 6	Specify paint color number.
	• Paint price group 3	+\$ 10	Specify paint color number.
	• Fabric price group 1	No cost	Specify fabric color number.
	• Fabric price group 2	+\$ 14	Specify fabric color number.
	• Fabric price group 3	+\$ 27	Specify fabric color number.
	• Fabric price group 4	+\$ 39	Specify fabric color number.
	• Fabric price group 5	+\$ 60	Specify fabric color number.
	• Fabric price group COM	+\$ 16	► See <i>Surface Materials Reference Manual</i> to specify.
	<b>Fabric direction</b>		
	• Horizontal application (standard)	No cost	Specify with horizontal application.
	• Vertical application	No cost	► Page 614 Specify with vertical application.
			► Page 614
<b>Data Termination Tile</b>	• Data opening	+\$ 31	Specify Nema or Decora and specify upper left, upper center, upper right, lower left, lower center, or lower right.
<b>Metal Tile Patterns</b>	• 18"W	+\$104	Specify tile pattern number.
	• 24"W	+\$114	Specify tile pattern number.
	• 30"W	+\$137	Specify tile pattern number.
	• 36"W	+\$154	Specify tile pattern number.
	• 42"W	+\$166	Specify tile pattern number.
	• 48"W	+\$181	Specify tile pattern number.

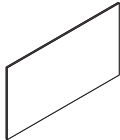
## Metal Tile Patterns



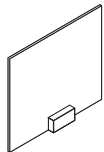
P9, I9, D9



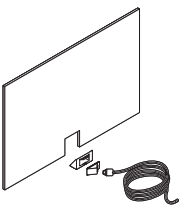
P85



Tip: Tile pattern option not available on 6"H and 10"H tiles.



Tip: Patterned tiles are not available on data entry tiles.



Tip: Patterned tiles are not available on base fiber-in tiles.

Tip: Fiber-in tile cannot install in open base frame.

Tip: The cutout and box cover on 24"W tiles is 4" to the right of center. The cutout and box cover on 30"W tiles is 7" to the right of center.

### Specification Information

Width	Style Number	U.S. Base Price	Width	Style Number	U.S. Base Price
<b>6"H Tiles</b>			<b>10"H Tiles</b>		
18"	<b>ZTSE1806</b>	\$ 58	18"	<b>ZTSE1810</b>	\$ 58
24"	<b>ZTSE2406</b>	\$ 64	24"	<b>ZTSE2410</b>	\$ 64
30"	<b>ZTSE3006</b>	\$ 74	30"	<b>ZTSE3010</b>	\$ 74
36"	<b>ZTSE3606</b>	\$ 85	36"	<b>ZTSE3610</b>	\$ 85
42"	<b>ZTSE4206</b>	\$ 92	42"	<b>ZTSE4210</b>	\$ 92
48"	<b>ZTSE4806</b>	\$ 99	48"	<b>ZTSE4810</b>	\$ 99
<b>13"H Tiles</b>			<b>20"H Tiles</b>		
18"	<b>ZTSE1813</b>	\$ 58	18"	<b>ZTSE1820</b>	\$ 65
24"	<b>ZTSE2413</b>	\$ 64	24"	<b>ZTSE2420</b>	\$ 68
30"	<b>ZTSE3013</b>	\$ 74	30"	<b>ZTSE3020</b>	\$ 78
36"	<b>ZTSE3613</b>	\$ 85	36"	<b>ZTSE3620</b>	\$ 88
42"	<b>ZTSE4213</b>	\$ 92	42"	<b>ZTSE4220</b>	\$ 94
48"	<b>ZTSE4813</b>	\$ 99	48"	<b>ZTSE4820</b>	\$103

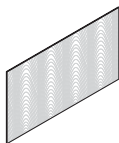
### 20"H Data Entry Tiles

24"	<b>ZTDE2420</b>	\$150
30"	<b>ZTDE3020</b>	\$158
36"	<b>ZTDE3620</b>	\$163
42"	<b>ZTDE4220</b>	\$169
48"	<b>ZTDE4820</b>	\$175

### 20"H Tiles with Cutout and Base Fiber-In

18"	<b>ZTFE1820</b>	\$175
24"	<b>ZTFE2420</b>	\$185
30"	<b>ZTFE3020</b>	\$193
36"	<b>ZTFE3620</b>	\$207
42"	<b>ZTFE4220</b>	\$215
48"	<b>ZTFE4820</b>	\$227

# Segmented Laminate Tiles



*Tip: Tiles can be used on any enhanced frame, including monolithic frames, and any standard frames manufactured after July 2001. Exception: Slatwall tiles can be used on any standard frame regardless of manufacture dates. Refer to compatibility tips. ▶ Page 310*

*Tip: Particleboard substrate will be used instead of steel substrate on all laminate tiles manufactured on or after 5/30/2016.*

*Tip: Segmented laminate tiles cannot be installed to cover up a desk cavity or base cavity with Chicago hardwire junction boxes installed. Contact Steelcase Specials if segmented laminate tiles are required to cover Chicago hardwire junction boxes.*

Standard Includes	Required to Specify
<ul style="list-style-type: none"> <li>▶ Need help? Product details, page 86</li> <li>• Tile: laminate</li> <li>• Edge: 6000 Black Plastic</li> </ul>	<ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Laminate color number for tile surface</li> <li>3 Options, if selected (see below)</li> <li>▶ See <i>Surface Materials</i>, page 604.</li> </ul>

Options	U.S. Price	Required to Specify
<b>Surface Materials</b> <ul style="list-style-type: none"> <li>• Open Line laminate</li> </ul>	+\$69 plus cost of laminate	▶ See <i>Surface Materials Reference Manual</i> to specify.

Specification Information		
Width	Style Number	U.S. Base Price
18"	ZTLS1810	\$227
24"	ZTLS2410	\$247
30"	ZTLS3010	\$282
36"	ZTLS3610	\$323
42"	ZTLS4210	\$361
48"	ZTLS4810	\$395

## 10"H Tiles

18"	<b>ZTLS1810</b>	\$227
24"	<b>ZTLS2410</b>	\$247
30"	<b>ZTLS3010</b>	\$282
36"	<b>ZTLS3610</b>	\$323
42"	<b>ZTLS4210</b>	\$361
48"	<b>ZTLS4810</b>	\$395

## 13"H Tiles

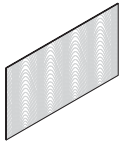
18"	<b>ZTLS1813</b>	\$227
24"	<b>ZTLS2413</b>	\$247
30"	<b>ZTLS3013</b>	\$282
36"	<b>ZTLS3613</b>	\$323
42"	<b>ZTLS4213</b>	\$361
48"	<b>ZTLS4813</b>	\$395

## 20"H Tiles

18"	<b>ZTLS1820</b>	\$240
24"	<b>ZTLS2420</b>	\$261
30"	<b>ZTLS3020</b>	\$292
36"	<b>ZTLS3620</b>	\$338
42"	<b>ZTLS4220</b>	\$374
48"	<b>ZTLS4820</b>	\$416



**For Canadian Pricing**  
Multiply U.S. Price by the Canadian price factor.  
▶ See page 1 for details.



*Tip: Enhanced tiles can be used on any enhanced frame, including monolithic frames, and any standard frames manufactured after July 2001.*

*Exception: Enhanced slat-wall tiles can be used on any standard frame regardless of manufacture dates.*

Refer to compatibility tips.

► Page 310

*Tip: Enhanced wood tiles cannot be installed to cover up a desk cavity with Chicago hardwire junction boxes installed. Contact Steelcase Specials if enhanced wood tiles are required to cover Chicago hardwire junction boxes.*

Standard Includes	Required to Specify
<ul style="list-style-type: none"> <li>► Need help? Product details, page 86</li> <li>• Tile: wood</li> </ul>	<ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Wood color number for tile surface</li> <li>3 Options, if selected (see below)</li> <li>► See <i>Surface Materials</i>, page 604.</li> </ul>

Options	U.S. Price	Required to Specify
<b>Surface Materials</b> <ul style="list-style-type: none"> <li>• Premium wood 2</li> <li>• Premium wood 3</li> <li>• Customiz stain</li> </ul>	Prices below Prices below No cost	Specify Premium wood 2 finish number. Specify Premium wood 3 finish number. Specify <i>with Customiz stain</i> . ► See <i>Surface Materials Reference Manual</i> .

Specification Information				
Width	Style Number	U.S. Base Price	Options (Add \$ to Base Price)	
			Premium Wood	
			Wood 2	Wood 3

## 10"H Tiles

18"	<b>ZTWE1810</b>	\$342	+\$55	+\$196
24"	<b>ZTWE2410</b>	\$361	+\$55	+\$196
30"	<b>ZTWE3010</b>	\$371	+\$55	+\$196
36"	<b>ZTWE3610</b>	\$408	+\$55	+\$196
42"	<b>ZTWE4210</b>	\$433	+\$55	+\$196
48"	<b>ZTWE4810</b>	\$458	+\$55	+\$196

## 13"H Tiles

18"	<b>ZTWE1813</b>	\$359	+\$55	+\$196
24"	<b>ZTWE2413</b>	\$377	+\$55	+\$196
30"	<b>ZTWE3013</b>	\$403	+\$55	+\$196
36"	<b>ZTWE3613</b>	\$431	+\$55	+\$196
42"	<b>ZTWE4213</b>	\$459	+\$55	+\$196
48"	<b>ZTWE4813</b>	\$490	+\$55	+\$196

## 20"H Tiles

18"	<b>ZTWE1820</b>	\$412	+\$55	+\$196
24"	<b>ZTWE2420</b>	\$433	+\$55	+\$196
30"	<b>ZTWE3020</b>	\$460	+\$55	+\$196
36"	<b>ZTWE3620</b>	\$491	+\$55	+\$196
42"	<b>ZTWE4220</b>	\$522	+\$55	+\$196
48"	<b>ZTWE4820</b>	\$552	+\$93	+\$328

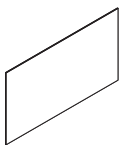


### For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.

# Enhanced Markerboard Tiles



*Tip: Enhanced tiles can be used on any enhanced frame, including monolithic frames, and any standard frames manufactured after July 2001.*  
*Exception: Enhanced slat-wall tiles can be used on any standard frame regardless of manufacture dates.*  
Refer to compatibility tips.  
▶ Page 310

Standard Includes	Required to Specify
-------------------	---------------------

- |   |   |
|---|---|
| ▶ Need help?<br>Product details,<br>page 86 | • Whiteboard surface tile for use<br>with dry erase markers<br><br>Style number |
|---|---|

## Specification Information

Width	Style Number	U.S. Price
-------	--------------	------------

### 10"H Tiles

18"	<b>ZTME1810</b>	\$130
24"	<b>ZTME2410</b>	\$139
30"	<b>ZTME3010</b>	\$163
36"	<b>ZTME3610</b>	\$183
42"	<b>ZTME4210</b>	\$209
48"	<b>ZTME4810</b>	\$227

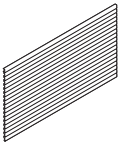
### 20"H Tiles

18"	<b>ZTME1820</b>	\$144
24"	<b>ZTME2420</b>	\$154
30"	<b>ZTME3020</b>	\$176
36"	<b>ZTME3620</b>	\$196
42"	<b>ZTME4220</b>	\$219
48"	<b>ZTME4820</b>	\$242



**For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
▶ See page 1 for details.





*Tip: Enhanced slatwall tiles can be used on any standard frame regardless of manufacture dates. Refer to compatibility tips. ▶ Page 310*

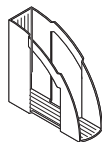
*Tip: Enhanced slatwall tiles cannot be installed on pocket frames.*

Standard Includes			Required to Specify		
▶ Need help? Product details, page 86			• Slatwall tile: paint price group 1		
			1 Style number 2 Paint color number for slatwall tile ▶ See <i>Surface Materials</i> , page 604.		
Options		U.S. Price		Required to Specify	
Surface Materials	• Paint price group 1	No cost		Specify paint color number.	
	• Paint price group 2	+\$ 6		Specify paint color number.	
	• Paint price group 3	+\$10		Specify paint color number.	
Specification Information					
• Width	• Style Number	• U.S. Base Price	• Width	• Style Number	• U.S. Base Price
•	•	•	•	•	•
•	•	•	•	•	•
•	•	•	•	•	•
•	•	•	•	•	•
6"H Tiles			10"H Tiles		
18"	ZSWE1806	\$220	18"	ZSWE1810	\$230
24"	ZSWE2406	\$248	24"	ZSWE2410	\$256
30"	ZSWE3006	\$285	30"	ZSWE3010	\$295
36"	ZSWE3606	\$338	36"	ZSWE3610	\$352
42"	ZSWE4206	\$362	42"	ZSWE4210	\$376
48"	ZSWE4806	\$380	48"	ZSWE4810	\$395
•	•	•	•	•	•
13"H Tiles			20"H Tiles		
18"	ZSWE1813	\$230	18"	ZSWE1820	\$286
24"	ZSWE2413	\$256	24"	ZSWE2420	\$313
30"	ZSWE3013	\$295	30"	ZSWE3020	\$352
36"	ZSWE3613	\$352	36"	ZSWE3620	\$413
42"	ZSWE4213	\$376	42"	ZSWE4220	\$433
48"	ZSWE4813	\$395	48"	ZSWE4820	\$455
•	•	•	•	•	•

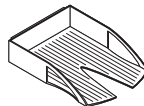
## Slatwall/SlatRail Worktools

*Tip: Worktools are available for use on Montage slatwall tiles. ▶ For additional information, refer to *Steelcase Worktools Specification Guide*.*

*Tip: These slatwall/slatrail worktools **cannot** be used on Montage worktool rail tiles specified prior to January 1997. Old Montage worktool accessories **cannot** be used on the current slatwall tiles.*



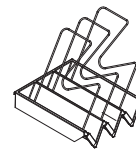
**Binder Holder**



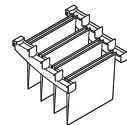
**Letter Tray**



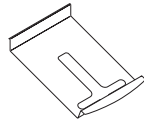
**Universal Shelf**



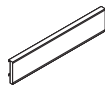
**PaperFlo Manager**



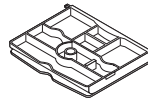
**Hanging Brackets**



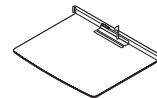
**Telephone Caddy**



**TackStrip**



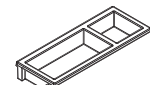
**Office in a File**



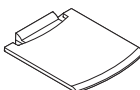
**Workboard**



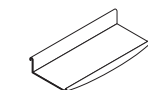
**Pencil Cup**



**Double Square Dish**



**Mini Shelf**

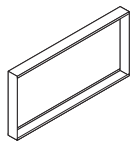


**Personal Shelf**



**For Canadian Pricing**  
Multiply U.S. Price by the Canadian price factor.  
▶ See page 1 for details.

# Enhanced Glass Tile Packages



*Tip: Frames with glass tile packages installed cannot support overhead storage components.*

*Tip: Glass tiles cannot be used at worksurface height in front of a worksurface.*

*Tip: The use of glass on the spine wall is limited to one row in an off-modular connection.*

*Tip: Glass tiles cannot install in bottom segment of open base frame.*

*Tip: Enhanced tiles can be used on any enhanced frame, including monolithic frames, and any standard frames manufactured after July 2001.*

*Exception: Enhanced slat-wall tiles can be used on any standard frame regardless of manufacture dates.*

Refer to compatibility tips.

► Page 310

*Tip: Enhanced glass tile packages do not fit in pocket door frames.*

*Note: Glass tiles manufactured before 6/1/2010 are visually different than tiles produced after that date.*

Standard Includes	Required to Specify
<ul style="list-style-type: none"> <li>► Need help? Product details, page 86</li> <li>• Two transparent inserts: clear tempered glass</li> <li>• Interior trim kit: paint</li> </ul>	<ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Paint color number for interior trim kit</li> <li>3 Options, if selected (see below)</li> <li>► See <i>Surface Materials</i>, page 604.</li> </ul>

Options	U.S. Price	Required to Specify
<b>Interior Trim Kit</b> <ul style="list-style-type: none"> <li>• Paint price group 1</li> <li>• Paint price group 2</li> <li>• Paint price group 3</li> </ul>	No cost +\$ 24 +\$ 44	Specify paint color number. Specify paint color number. Specify paint color number.
<b>Glass Tile Pattern</b> <ul style="list-style-type: none"> <li>• Frosted</li> </ul>	+\$126	Specify with 6530 Frosted Glass Pattern.

Specification Information		
Width	Style Number	U.S. Base Price

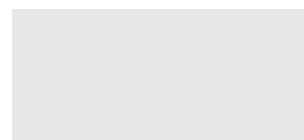
## 10"H Tiles

18"	<b>ZTGE1810</b>	\$340
24"	<b>ZTGE2410</b>	\$350
30"	<b>ZTGE3010</b>	\$382
36"	<b>ZTGE3610</b>	\$415
42"	<b>ZTGE4210</b>	\$450
48"	<b>ZTGE4810</b>	\$481

## 20"H Tiles

18"	<b>ZTGE1820</b>	\$388
24"	<b>ZTGE2420</b>	\$395
30"	<b>ZTGE3020</b>	\$429
36"	<b>ZTGE3620</b>	\$464
42"	<b>ZTGE4220</b>	\$502
48"	<b>ZTGE4820</b>	\$541

## Glass Tile Pattern



Frosted 6530



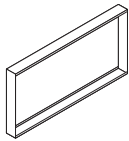
### For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.

# Pocket Door Glass Tile Packages

Pocket Door Glass Tile  
Packages



*Tip: Pocket door glass tiles can only be used on pocket door frames manufactured after July 2001.*

Standard Includes	Required to Specify
<ul style="list-style-type: none"> <li>▶ Need help? Product details, page 86</li> <li>• Two transparent inserts: clear tempered glass</li> <li>• Interior trim kit: paint</li> </ul>	<ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Paint color number for interior trim kit</li> <li>3 Options, if selected (see below)</li> <li>▶ See <i>Surface Materials</i>, page 604.</li> </ul>

Options	U.S. Price	Required to Specify
<b>Surface Materials</b> <ul style="list-style-type: none"> <li>• Paint price group 1</li> <li>• Paint price group 2</li> <li>• Paint price group 3</li> </ul>	No cost +\$ 24 +\$ 44	Specify paint color number. Specify paint color number. Specify paint color number.
<b>Glass Tile Pattern</b> <ul style="list-style-type: none"> <li>• Frosted</li> </ul>	+\$126	Specify with 6530 Frosted Glass Pattern.

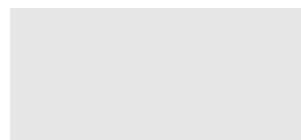
Specification Information		
Width	Style Number	U.S. Base Price

## 20"H Tiles

36"	<b>ZPDG3620</b>	\$356
42"	<b>ZPDG4220</b>	\$395
48"	<b>ZPDG4820</b>	\$428
:	:	:

Tiles

## Glass Tile Pattern

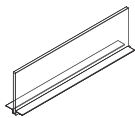


Frosted 6530



**For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
▶ See page 1 for details.

# Frameless Glass Stacker



*Tip: No special tools required for installation.*

*Tip: Matches height of 10"H stacker frame.*

*Tip: Centered along top of Montage frame.*

*Tip: Frameless glass stacker can be attached to 31"H, 38"H, 45"H, 55"H, and 65"H frames and stackers.*

*Tip: Specify frame without top cap on frames utilizing frameless glass stacker.*

*Tip: If frameless glass is installed on off-modular frames, field modification to the top cap is required to allow installation of top off-module frame attachment bracket.*

## Standard Includes

- ▶ Need help? Product details, page 86
- 1/2" thick, clear glass with top cap assembly: paint

## Required to Specify

- 1 Style number
- 2 Paint color number for top cap
- ▶ See *Surface Materials*, page 604.

## Specification Information

Width	Style Number	U.S. Price
:	:	:

### 10"H Tiles

18"	<b>ZGLST18</b>	\$479
24"	<b>ZGLST24</b>	\$491
30"	<b>ZGLST30</b>	\$504
36"	<b>ZGLST36</b>	\$543
42"	<b>ZGLST42</b>	\$581
48"	<b>ZGLST48</b>	\$597
:	:	:

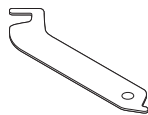


## For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

▶ See page 1 for details.

Enhanced Tile Removal Tool



Standard Includes		Required to Specify
► Need help? Product details, page 89	• Enhanced tile removal tool	Style number
Specification Information		
• Style • Number	• U.S. • Price	
•	•	
ZFTE	\$23	
•	•	

Art Hook



Standard Includes		Required to Specify	
Need help? Product details, page 89	• Art hook: black paint only	Style number	
Specification Information			
• Dimensions		• Style	• U.S.
D	W	Number	Price
11/64"	15/8"	ZAAH	\$14

 **For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
► See page 1 for details.



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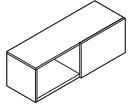
# Specifying Universal Steel Storage Products

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<b>Universal Bins and Shelves</b>	
Universal Sliding Door Bins with Steel or Wood Fronts	<b>510</b>
Universal Over the Case Bins with Flat or Radius Fronts	<b>512</b>
Universal In the Case Bins with Steel and Wood Flat Fronts	<b>514</b>
Hutch Kits	<b>516</b>
Universal Shelves	<b>519</b>
Accessories for Universal Bins and Shelves	<b>520</b>
<b>Slim Shelves</b>	<b>524</b>

# Universal Sliding Door Bins with Steel or Wood Fronts

For Use with Answer



► Need help?  
Product details,  
page 224

## Standard Includes

- Overhead bin: paint price group 1
- Sliding door: paint or wood
- Recess beneath unit to accommodate shelf light
- Shelf backstop
- On-module attachment brackets with safety catch: black paint only
- Vertical off-module attachment brackets, if selected: black paint only
- Lock, keyed random: 9201 Polished Chrome

## Required to Specify

- 1 Style number
  - 2 Paint color number for overhead bin
  - 3 Paint or wood color number for door
  - 4 Options, if selected (see below)
- See *Surface Materials*, page 604.

**Premium Wood Pricing:**  
For Premium wood 2 or Premium wood 3 pricing, please refer to the electronic catalog or SmartTools.

*Tip: Vertical off-module brackets can be used with 30"W to 60"W bins only.*

*Tip: Maximum width for a horizontal off-module bin mounted on an enhanced off-module Montage panel is 48"W. Horizontal off-module brackets for Montage are painted to match bin.*

*Tip: Upmount brackets include steel back to enclose storage bin.*

*Tip: Overhead storage bins with a "TAK" suffix can be used with Privacy Wall as well.*

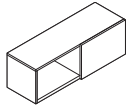
► See *Architectural Solutions Specification Guide* for attachment information.

	Options	U.S. Price	Required to Specify
<b>Surface Materials</b>	<b>Overhead bin with one steel door</b>		
	<ul style="list-style-type: none"> <li>• Paint price group 1</li> <li>• Paint price group 2</li> <li>• Paint price group 3</li> </ul>	No cost +\$ 44 +\$ 75	Specify paint color number. Specify paint color number. Specify paint color number.
	<b>Overhead bin with one wood door</b>		
	<ul style="list-style-type: none"> <li>• Paint price group 1</li> <li>• Paint price group 2</li> <li>• Paint price group 3</li> <li>• Premium wood 2 on wood door</li> <li>• Premium wood 3 on wood door</li> <li>• Customiz stain on wood door</li> </ul>	No cost +\$ 44 +\$ 67 See information at left See information at left No cost	Specify paint color number. Specify paint color number. Specify paint color number. Specify Premium wood 2 finish number. Specify Premium wood 3 finish number. Specify with Customiz stain. ► See <i>Surface Materials Reference Manual</i> .
<b>Brackets</b>	<b>Off-module attachment brackets</b>		
	<ul style="list-style-type: none"> <li>• One vertical off-module bracket</li> <li>• Two vertical off-module brackets</li> <li>• Horizontal off-module brackets for use with 24"W to 48"W Montage bins</li> </ul>	+\$ 60 +\$120 +\$125	Specify with one vertical off-module bracket. Specify with two vertical off-module brackets. Specify with horizontal off-module brackets, Montage.
	<b>Upmount brackets</b>		
	<ul style="list-style-type: none"> <li>• Upmount kit</li> </ul>	+\$179	Specify with upmount kit.
	<b>No brackets</b>		
	<ul style="list-style-type: none"> <li>• Omit brackets</li> </ul>	-\$ 21	Specify omit brackets.
<b>Shelf Accessories</b>	<ul style="list-style-type: none"> <li>• Four dividers: white plastic</li> </ul>	+\$ 46	Specify with dividers.
<b>Lock and Keying</b>	<b>Lock</b>		
	<ul style="list-style-type: none"> <li>• No lock</li> <li>• Ember Chrome</li> </ul>	-\$ 63 No cost	Specify with no lock. Specify with 9250 Ember Chrome lock.
	<b>Keying</b>		
	<ul style="list-style-type: none"> <li>• Factory- and field-installed keying</li> </ul>		► Page 624
<b>Related Products</b>	<ul style="list-style-type: none"> <li>• Accessories</li> <li>• Shelf lights</li> </ul>		► Page 520 ► Pages 590–594



**For Canadian Pricing**  
Multiply U.S. Price by the Canadian price factor.  
► See page 1 for details.





### Specification Information

• Dimensions			• Style	• U.S.	• Style	• U.S.
D	W	H	Number	Base	Number	Base
				Price		Price
			Steel		Wood	
15 <sup>3</sup> / <sub>4</sub> "	36"	16 <sup>1</sup> / <sub>4</sub> "	<b>RSB36MON</b>	\$ 640	<b>RSB36WMON</b>	\$1032
15 <sup>3</sup> / <sub>4</sub> "	42"	16 <sup>1</sup> / <sub>4</sub> "	<b>RSB42MON</b>	\$ 663	<b>RSB42WMON</b>	\$1055
15 <sup>3</sup> / <sub>4</sub> "	48"	16 <sup>1</sup> / <sub>4</sub> "	<b>RSB48MON</b>	\$ 685	<b>RSB48WMON</b>	\$1077
15 <sup>3</sup> / <sub>4</sub> "	60"	16 <sup>1</sup> / <sub>4</sub> "	<b>RSB60MON</b>	\$1034	<b>RSB60WMON</b>	\$1721
15 <sup>3</sup> / <sub>4</sub> "	66"	16 <sup>1</sup> / <sub>4</sub> "	<b>RSB66MON</b>	\$1089	<b>RSB66WMON</b>	\$1776
15 <sup>3</sup> / <sub>4</sub> "	72"	16 <sup>1</sup> / <sub>4</sub> "	<b>RSB72MON</b>	\$1131	<b>RSB72WMON</b>	\$1818
:	:	:	:	:	:	:



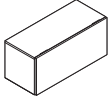
#### For Canadian Pricing

Multiply U.S. Price by the  
Canadian price factor.

► See page 1 for details.

# Universal Over the Case Bins with Flat or Radius Fronts

For Use with and Montage



*Tip: Bins mount at 65" height on 65"H frame, 86"H frame, or 45"H frame with 20"H stacker only.*

*Tip: Vertical off-module brackets can be used with 30"W to 60"W bins only.*

*Tip: Maximum width for a horizontal off-module bin mounted on an enhanced off-module Montage panel is 48"W. Horizontal off-module brackets for Montage are painted to match bin.*

*Tip: Upmount brackets include steel back to enclose storage bin and can be used on 55"H panels only.*

*Tip: When ordering the omit insert option, remember that custom material cannot be factory installed. Custom material must be ordered from a material vendor.*

*Tip: A door assist mechanism cannot be used with an acrylic door insert.*



**For Canadian Pricing**  
Multiply U.S. Price by the Canadian price factor.  
▶ See page 1 for details.

Standard Includes		Required to Specify
▶ Need help? Product details, page 228	<ul style="list-style-type: none"> <li>Overhead bin with lift-up door: paint price group 1</li> <li>Recess beneath unit to accommodate shelf light</li> <li>Shelf backstop</li> <li>On-module attachment brackets with safety catch: black paint only</li> <li>Vertical off-module attachment brackets, if selected: black paint only</li> <li>Horizontal off-module attachment brackets for Montage, if selected: paint to match bin</li> <li>Picture frame door acrylic insert, if selected: 6538 Satin only</li> <li>Picture frame door glass insert, if selected: 6580 Ice White only</li> <li>Lock, keyed random: 9201 Polished Chrome</li> </ul>	1 Style number 2 Paint color number for overhead bin 3 Options, if selected (see below) ▶ See <i>Surface Materials</i> , page 604.

Options	U.S. Price	Required to Specify
<b>Surface Materials</b>	<b>Overhead bin with one door</b>	
	<ul style="list-style-type: none"> <li>Paint price group 1 No cost</li> <li>Paint price group 2 +\$ 44</li> <li>Paint price group 3 +\$ 75</li> </ul>	Specify paint color number.
	<b>Overhead bin with two doors</b>	
	<ul style="list-style-type: none"> <li>Paint price group 1 No cost</li> <li>Paint price group 2 +\$ 60</li> <li>Paint price group 3 +\$104</li> </ul>	Specify paint color number.
<b>Brackets</b>	<b>Off-module attachment brackets</b>	
	<ul style="list-style-type: none"> <li>One vertical off-module bracket +\$ 60</li> <li>Two vertical off-module brackets +\$120</li> <li>Horizontal off-module brackets +\$125 for use with 24"W to 48"W Montage bins</li> </ul>	Specify with one vertical off-module bracket. Specify with two vertical off-module brackets.
	<b>Upmount brackets</b>	
	<ul style="list-style-type: none"> <li>Upmount kit +\$179</li> </ul>	Specify with upmount kit.
	<b>No brackets</b>	
	<ul style="list-style-type: none"> <li>Omit brackets -\$ 21</li> </ul>	Specify omit brackets.
<b>Picture Frame Door on Flat Fronts</b>	<ul style="list-style-type: none"> <li>Omit insert Prices at right</li> <li>Acrylic insert Prices at right</li> <li>Glass insert (assist mechanism recommended) Prices at right</li> </ul>	Specify omit insert. Specify with acrylic insert. Specify with glass insert.
<b>Door Mechanism</b>	<ul style="list-style-type: none"> <li>Assist mechanism for standard door, glass insert, or omit insert +\$179 per door</li> </ul>	Specify with assist mechanism.
<b>Shelf Accessories</b>	<ul style="list-style-type: none"> <li>Four dividers: white plastic +\$ 46</li> </ul>	Specify with dividers.
<b>Lock and Keying</b>	<b>Lock</b>	
	<ul style="list-style-type: none"> <li>No lock -\$ 63 per door</li> <li>Ember Chrome No cost</li> </ul>	Specify with no lock. Specify with 9250 Ember Chrome lock.
	<b>Keying</b>	
	<ul style="list-style-type: none"> <li>Factory- and field-installed keying</li> </ul>	▶ Page 624
<b>Related Products</b>	<ul style="list-style-type: none"> <li>Accessories</li> <li>Shelf lights</li> </ul>	▶ Page 520 ▶ Pages 590–594

### Specification Information

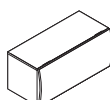
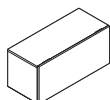
Dimensions D      W      H	Number of Doors	Style Number	U.S. Base Price	Options (Add \$ to Base Price)		
				Picture Frame Omit Insert	Door Acrylic Insert	Inserts Glass Insert

### Bins with Flat Fronts

15 3/4"	24"	16 1/4"	1	<b>RBB24QMON</b>	\$ 573	+\$250	+\$356	+\$426
15 3/4"	30"	16 1/4"	1	<b>RBB30QMON</b>	\$ 597	+\$263	+\$376	+\$455
15 3/4"	36"	16 1/4"	1	<b>RBB36QMON</b>	\$ 626	+\$277	+\$394	+\$484
15 3/4"	42"	16 1/4"	1	<b>RBB42QMON</b>	\$ 649	+\$288	+\$413	+\$533
15 3/4"	48"	16 1/4"	1	<b>RBB48QMON</b>	\$ 670	+\$300	+\$435	+\$581
15 3/4"	60"	16 1/4"	2	<b>RBB60QMON</b>	\$1074	+\$492	+\$688	+\$867
15 3/4"	66"	16 1/4"	2	<b>RBB66QMON</b>	\$1127	+\$504	+\$708	+\$918
15 3/4"	72"	16 1/4"	2	<b>RBB72QMON</b>	\$1169	+\$515	+\$727	+\$968

### Bins with Radius Fronts

15 3/4"	24"	16 1/4"	1	<b>RBB24QCMON</b>	\$ 711	N.A.	N.A.	N.A.
15 3/4"	30"	16 1/4"	1	<b>RBB30QCMON</b>	\$ 735	N.A.	N.A.	N.A.
15 3/4"	36"	16 1/4"	1	<b>RBB36QCMON</b>	\$ 764	N.A.	N.A.	N.A.
15 3/4"	42"	16 1/4"	1	<b>RBB42QCMON</b>	\$ 787	N.A.	N.A.	N.A.
15 3/4"	48"	16 1/4"	1	<b>RBB48QCMON</b>	\$ 808	N.A.	N.A.	N.A.
15 3/4"	60"	16 1/4"	2	<b>RBB60QCMON</b>	\$1350	N.A.	N.A.	N.A.
15 3/4"	66"	16 1/4"	2	<b>RBB66QCMON</b>	\$1403	N.A.	N.A.	N.A.
15 3/4"	72"	16 1/4"	2	<b>RBB72QCMON</b>	\$1445	N.A.	N.A.	N.A.

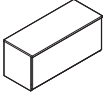


#### For Canadian Pricing

Multiply U.S. Price by the  
Canadian price factor.

► See page 1 for details.

# Universal In the Case Bins with Steel and Wood Flat Fronts



Tip: Bins mount at 65" height on 65"H frame, 86"H frame, or 45"H frame with 20"H stacker only.

**Premium Wood Pricing:**  
For Premium wood 2 or Premium wood 3 pricing, please refer to the electronic catalog or SmartTools.

Tip: Vertical off-module brackets can be used with 30"W to 60"W bins only.

Tip: Maximum width for a horizontal off-module bin mounted on an enhanced off-module Montage panel is 48"W. Horizontal off-module brackets for Montage are painted to match bin.

Tip: Upmount brackets include steel back to enclose storage bin and can be used on 55"H panels only.

Tip: When ordering the omit insert option, remember that custom material cannot be factory installed. Custom material must be ordered from a material vendor.

Tip: A door assist mechanism cannot be used with an acrylic door insert.



**For Canadian Pricing**  
Multiply U.S. Price by the Canadian price factor.  
▶ See page 1 for details.

	Standard Includes	Required to Specify
▶ Need help? Product details, page 228	<ul style="list-style-type: none"> <li>Overhead bin with lift-up door: paint price group 1</li> <li>Recess beneath unit to accommodate shelf light</li> <li>Shelf backstop</li> <li>On-module attachment brackets with safety catch: black paint only</li> <li>Vertical off-module attachment brackets, if selected: black paint only</li> <li>Horizontal off-module attachment brackets for Montage, if selected: paint to match bin</li> <li>Picture frame door acrylic insert, if selected: 6538 Satin only</li> <li>Picture frame door glass insert, if selected: 6580 Ice White only</li> <li>Lock, keyed random: 9201 Polished Chrome</li> </ul>	1 Style number 2 Paint color number for overhead bin 3 Options, if selected (see below) ▶ See <i>Surface Materials</i> , page 604.

	Options	U.S. Price	Required to Specify
<b>Surface Materials</b>	<b>Overhead bin with one steel door</b>		
	• Paint price group 1	No cost	Specify paint color number.
	• Paint price group 2	+\$ 44	Specify paint color number.
	• Paint price group 3	+\$ 75	Specify paint color number.
	<b>Overhead bin with two steel doors</b>		
	• Paint price group 1	No cost	Specify paint color number.
	• Paint price group 2	+\$ 60	Specify paint color number.
	• Paint price group 3	+\$104	Specify paint color number.
	<b>Overhead bin with one wood door</b>		
	• Paint price group 1	No cost	Specify paint color number.
	• Paint price group 2	+\$ 44	Specify paint color number.
	• Paint price group 3	+\$ 67	Specify paint color number.
	• Premium wood 2 on wood door	See information at left	Specify Premium wood 2 finish number.
	• Premium wood 3 on wood door	See information at left	Specify Premium wood 3 finish number.
	• Customiz stain on wood door	No cost	Specify with <i>Customiz stain</i> .
			▶ See <i>Surface Materials Reference Manual</i> .
	<b>Overhead bin with two wood doors</b>		
	• Paint price group 1	No cost	Specify paint color number.
	• Paint price group 2	+\$ 60	Specify paint color number.
	• Paint price group 3	+\$ 91	Specify paint color number.
	• Customiz stain on wood door	No cost	Specify with <i>Customiz stain</i> .
			▶ See <i>Surface Materials Reference Manual</i> .
<b>Brackets</b>	<b>Off-module attachment brackets</b>		
	• One vertical off-module bracket	+\$ 60	Specify with one vertical off-module bracket.
	• Two vertical off-module brackets	+\$120	Specify with two vertical off-module brackets.
	• Horizontal off-module brackets for use with 24"W to 48"W Montage bins	+\$125	Specify with horizontal off-module brackets, Montage.
	<b>Upmount brackets</b>		
	• Upmount kit	+\$179	Specify with upmount kit.
	<b>No brackets</b>		
	• Omit brackets	-\$ 21	Specify omit brackets.
<b>Picture Frame Door on Flat Fronts</b>	• Omit insert	Prices at right	Specify omit insert.
	• Acrylic insert	Prices at right	Specify with acrylic insert
	• Glass insert (assist mechanism recommended)	Prices at right	Specify with glass insert.
<b>Door Mechanism</b>	• Assist mechanism for standard door, glass insert, or omit insert	+\$179 per door	Specify with assist mechanism.
	▶ Options, continued on next page		

► Options, continued from previous page

Options	U.S. Price	Required to Specify
<b>Shelf Accessories</b>	• Four dividers: white plastic +\$46	Specify <i>with dividers</i> .
<b>Lock and Keying</b>	<b>Lock</b> • No lock • Ember Chrome –\$63 per door No cost	Specify <i>with no lock</i> . Specify <i>with 9250 Ember Chrome lock</i> .
	<b>Keying</b> • Factory- and field-installed keying	► Page 624
<b>Related Products</b>	• Accessories • Shelf lights	► Page 520 ► Pages 590–594

Specification Information

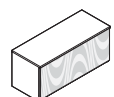
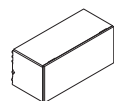
Dimensions								
D	W	H	Number of Doors	Style Number	U.S. Base Price	Options (Add \$ to Base Price)	Picture Frame	Door Inserts
							Omit Insert	Acrylic Insert Glass Insert

Bins with Steel Flat Fronts

15¾"	24"	16¼"	1	<b>RBB24MON</b>	\$ 573	+\$250	+\$356	+\$426
15¾"	30"	16¼"	1	<b>RBB30MON</b>	\$ 597	+\$263	+\$376	+\$455
15¾"	36"	16¼"	1	<b>RBB36MON</b>	\$ 626	+\$277	+\$394	+\$484
15¾"	42"	16¼"	1	<b>RBB42MON</b>	\$ 649	+\$288	+\$413	+\$533
15¾"	48"	16¼"	1	<b>RBB48MON</b>	\$ 670	+\$300	+\$435	+\$581
15¾"	60"	16¼"	2	<b>RBB60MON</b>	\$1074	+\$492	+\$688	+\$867
15¾"	66"	16¼"	2	<b>RBB66MON</b>	\$1127	+\$504	+\$708	+\$918
15¾"	72"	16¼"	2	<b>RBB72MON</b>	\$1169	+\$515	+\$727	+\$968

Bins with Wood Flat Fronts

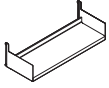
15¾"	24"	16¼"	1	<b>RBB24WMON</b>	\$ 965	N.A.	N.A.	N.A.
15¾"	30"	16¼"	1	<b>RBB30WMON</b>	\$ 989	N.A.	N.A.	N.A.
15¾"	36"	16¼"	1	<b>RBB36WMON</b>	\$1018	N.A.	N.A.	N.A.
15¾"	42"	16¼"	1	<b>RBB42WMON</b>	\$1041	N.A.	N.A.	N.A.
15¾"	48"	16¼"	1	<b>RBB48WMON</b>	\$1062	N.A.	N.A.	N.A.
15¾"	60"	16¼"	2	<b>RBB60WMON</b>	\$1761	N.A.	N.A.	N.A.
15¾"	66"	16¼"	2	<b>RBB66WMON</b>	\$1814	N.A.	N.A.	N.A.
15¾"	72"	16¼"	2	<b>RBB72WMON</b>	\$1856	N.A.	N.A.	N.A.



 **For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
► See page 1 for details.

# Universal Shelves

For Use with Montage



*Tip: Shelves mount at 65" height on 65"H frame, 86"H frame, or 45"H frame with 20"H stacker only.*

Standard Includes		Required to Specify	
▶ Need help? Product details, page 234	• Shelf: paint price group 1	1 Style number	
	• Recess beneath unit to accommodate shelf light	2 Paint color number for shelf	
	• Shelf backstop	3 Options, if selected (see below)	
	• On-module attachment hooks with safety catch	▶ See <i>Surface Materials</i> , page 604.	

Surface Materials	Options	U.S. Price	Required to Specify
	• Paint price group 1	No cost	Specify paint color number.
	• Paint price group 2	+\$14	Specify paint color number.
	• Paint price group 3	+\$25	Specify paint color number.

Related Products	Options	Required to Specify
	• Accessories	▶ Page 520
	• Shelf lights	▶ Pages 590–594

## Specification Information

Dimensions			Style Number	U.S. Base Price
D	W	H		
14 <sup>3</sup> / <sub>4</sub> "	24"	11 <sup>1</sup> / <sub>2</sub> "	<b>RSH24MON</b>	\$187
14 <sup>3</sup> / <sub>4</sub> "	30"	11 <sup>1</sup> / <sub>2</sub> "	<b>RSH30MON</b>	\$196
14 <sup>3</sup> / <sub>4</sub> "	36"	11 <sup>1</sup> / <sub>2</sub> "	<b>RSH36MON</b>	\$208
14 <sup>3</sup> / <sub>4</sub> "	42"	11 <sup>1</sup> / <sub>2</sub> "	<b>RSH42MON</b>	\$220
14 <sup>3</sup> / <sub>4</sub> "	48"	11 <sup>1</sup> / <sub>2</sub> "	<b>RSH48MON</b>	\$239
14 <sup>3</sup> / <sub>4</sub> "	60"	11 <sup>1</sup> / <sub>2</sub> "	<b>RSH60MON</b>	\$265
14 <sup>3</sup> / <sub>4</sub> "	72"	11 <sup>1</sup> / <sub>2</sub> "	<b>RSH72MON</b>	\$296
.	.	.	.	.



### For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

▶ See page 1 for details.

## Accessories for Universal Bins and Shelves, continued

### Universal Vertical Off-Module Bracket

For Use with Answer, Kick, Series 9000, Avenir, and Montage

For Use with Universal Sliding Door, Universal Over the Case, and Universal In the Case Bins



*Tip: For two-sided, off-module application, order two vertical off-module brackets.*

*Tip: Vertical off-module brackets are used with panels which have vertical slot patterns including Answer, Kick, Series 9000, Avenir, and Montage.*

*Tip: For Montage, vertical off-module brackets can be used with 30"W to 60"W bins only.*

Standard Includes	Required to Specify
<ul style="list-style-type: none"> <li>▶ Need help? Product details, page 224</li> <li>• Vertical off-module bracket with safety catch: black paint only</li> </ul>	Style number

#### Specification Information

Style Number	U.S. Price
RBKVOFM	\$58

### Horizontal Off-Module Bracket for Montage

For Use with Universal Sliding Door, Universal Over the Case, and Universal In the Case Bins



*Tip: Montage horizontal off-module brackets are for use with 24"W to 48"W Montage bins only.*

Standard Includes	Required to Specify
<ul style="list-style-type: none"> <li>▶ Need help? Product details, page 225</li> <li>• Pair of horizontal off-module brackets with safety catch: paint</li> </ul>	<ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Paint color number for brackets</li> <li>▶ See <i>Surface Materials</i>, page 604.</li> </ul>

#### Specification Information

Style Number	U.S. Price
ZBKHOFM	\$125



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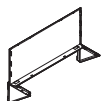
Multiply U.S. Price by the Canadian price factor.

▶ See page 1 for details.

## Standard Overhead Upmount Packages

For Use on Montage Panels

For Use with Universal Sliding Door, Universal Over the Case, and Universal In the Case Bins



*Tip: Upmount brackets include steel back to enclose storage bin and can be used on 55"H panels only.*

Standard Includes	Required to Specify
<p>► Need help? Product details, page 225</p> <ul style="list-style-type: none"> <li>• Pair of steel upmount brackets: paint price group 1</li> <li>• Steel back to enclose storage bin</li> </ul>	<p>1 Style number 2 Paint color number for brackets and back 3 Options, if selected (see below) ► See <i>Surface Materials</i>, page 604.</p>

Options	U.S. Price	Required to Specify
<b>Surface Materials</b>	<ul style="list-style-type: none"> <li>• Paint price group 1</li> <li>• Paint price group 2</li> <li>• Paint price group 3</li> </ul>	<p>No cost +\$14 +\$25</p> <p>Specify paint color number. Specify paint color number. Specify paint color number.</p>

Specification Information		
Width	Style Number	U.S. Base Price
24"	<b>RUK24MON</b>	\$175
30"	<b>RUK30MON</b>	\$175
36"	<b>RUK36MON</b>	\$175
42"	<b>RUK42MON</b>	\$175
48"	<b>RUK48MON</b>	\$175
60"	<b>RUK60MON</b>	\$175
72"	<b>RUK72MON</b>	\$175
:	:	:



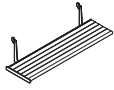
### For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.



# Slim Shelves



Standard Includes		Required to Specify
► Need help? Product details, page 243	<ul style="list-style-type: none"> <li>Shelf: paint price group 1</li> <li>Attachment brackets: paint to match shelf</li> </ul>	1 Style number 2 Paint color number for shelf 3 Options, if selected (see below) ► See <i>Surface Materials</i> , page 604.

Options	U.S. Price	Required to Specify
<b>Surface Materials</b> <ul style="list-style-type: none"> <li>Paint price group 1</li> <li>Paint price group 2</li> <li>Paint price group 3</li> </ul>	No cost +\$14 +\$25	Specify paint color number. Specify paint color number. Specify paint color number.

*Tip: Slim shelves can be used on any enhanced Montage frame, including monolithic frames, and any standard Montage frame manufactured after July 2001.*

Specification Information			
Dimensions		Style	U.S.
D	W	Number	Base Price
6"	24"	<b>RSS24MON</b>	\$195
6"	30"	<b>RSS30MON</b>	\$208
6"	36"	<b>RSS36MON</b>	\$222
6"	42"	<b>RSS42MON</b>	\$239
6"	48"	<b>RSS48MON</b>	\$254
6"	60"	<b>RSS60MON</b>	\$318
6"	72"	<b>RSS72MON</b>	\$349
6"	96"	<b>RSS96MON</b>	\$411
:	:	:	:



## For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.



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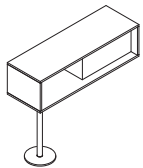
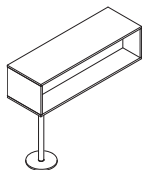
# Specifying Duo Storage Products

<b>Duo Tall Storage</b>	<b>570</b>
<b>Duo Tall Storage Seismic Package</b>	<b>571</b>

# Duo Tall Storage

Tip: Attaches to Montage In-line, T, and L junctions and end-of-run applications.

Tip: On individual tall storage, only the external side of the interior divider cover has the option to be painted.



Standard Includes	Required to Specify
<ul style="list-style-type: none"> <li>Need help? Product details, page 258</li> <li>Tall Storage box: laminate</li> <li>Painted steel interior divider cover: paint price group 1</li> <li>Leg: 4799 Platinum paint only</li> <li>Panel attachment brackets: 4799 Platinum paint only</li> <li>Worksurface brackets</li> </ul>	<ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Laminate color number for box</li> <li>3 Paint color number for interior</li> <li>4 Options, if selected (see below)</li> <li>▶ See <i>Surface Materials</i>, page 604.</li> </ul>

Options	U.S. Price	Required to Specify
<b>Surface Materials</b>		
<b>Interior divider cover</b> <ul style="list-style-type: none"> <li>Paint price group 1</li> <li>Paint price group 2</li> <li>Paint price group 3</li> </ul>	No cost +\$14 +\$25	Specify paint color number. Specify paint color number. Specify paint color number.
<ul style="list-style-type: none"> <li>Open Line laminate on box</li> </ul>	+\$69 plus cost of laminate	▶ See <i>Surface Materials Reference Manual</i> .

Specification Information				
Dimensions			Style	U.S.
D	W	H	Number	Base Price

## Individual Tall Storage

18"	54"	15"	<b>BDTS54MTL</b>	\$ 977
18"	66"	15"	<b>BDTS66MTL</b>	\$1093
18"	78"	15"	<b>BDTS78MTL</b>	\$1227
:	:	:	:	:

## Shared Tall Storage

18"	54"	15"	<b>BDTD54MTL</b>	\$1069
18"	66"	15"	<b>BDTD66MTL</b>	\$1183
18"	78"	15"	<b>BDTD78MTL</b>	\$1376
:	:	:	:	:

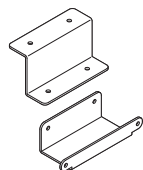


**For Canadian Pricing**  
 Multiply U.S. Price by the Canadian price factor.  
 ▶ See page 1 for details.

# Duo Tall Storage Seismic Package

For Use with Duo Tall Storage-to-Montage Panel Applications in Seismic Zones

Duo Tall Storage  
Seismic Package



Tip: One seismic package contains enough hardware for 10 Duo Tall Storage units.

Standard Includes		Required to Specify
► Need help? Product details, page 259	<ul style="list-style-type: none"> <li>• 10 sets of seismic reinforcement brackets:</li> <li>• 4799 Platinum paint</li> <li>• Attachment hardware</li> </ul>	Style number

Specification Information	
• Style • Number	• U.S. • Price
BDTSPTL	\$759
•	•



**For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
► See page 1 for details.



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# Specifying Healthcare Components

## Healthcare Components

Enhanced Standard Frames for Healthcare	580
Enhanced Non-Tackable Tiles for Healthcare	581
Segmented Laminate Tiles for Healthcare	582
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# Enhanced Standard Frames for Healthcare



Tip: Frame is available in black, sterling, or platinum only. You must select a finish.

Tip: Transaction tops can be supported with flat mount and upmount transaction brackets on 31"H frames only. Do not use standard transaction top brackets to mount on 31"H frames.

Standard Includes	Required to Specify
<ul style="list-style-type: none"> <li>Need help? Product details, page 272</li> <li>Frame: paint</li> <li>Top cap: all paint price groups</li> <li>Base cavity</li> <li>In-line connector hardware</li> </ul>	<ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Frame color number (see options below)</li> <li>3 Paint color number for top cap</li> <li>4 Options, if selected (see below)</li> <li>▶ See <i>Surface Materials</i>, page 604.</li> </ul>

Options	U.S. Price	Required to Specify
<b>Surface Materials</b> <ul style="list-style-type: none"> <li>Paint price group 1</li> <li>Paint price group 2</li> <li>Paint price group 3</li> </ul>	No cost +\$44 +\$55	Specify paint color number. Specify paint color number. Specify paint color number.
<b>Top Cap</b> <ul style="list-style-type: none"> <li>Omit top cap</li> </ul>	No cost	Specify <i>omit top cap</i> .

Specification Information			
Dimensions		Style Number	U.S. Base Price
H	W		
31"	24"	<b>ZFE2431</b>	\$295
31"	30"	<b>ZFE3031</b>	\$325
31"	36"	<b>ZFE3631</b>	\$353
31"	42"	<b>ZFE4231</b>	\$381
31"	48"	<b>ZFE4831</b>	\$408
:	:	:	:

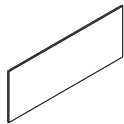


**For Canadian Pricing**  
 Multiply U.S. Price by the Canadian price factor.  
 ▶ See page 1 for details.



# Enhanced Non-Tackable Tiles for Healthcare

Enhanced Non-Tackable  
Tiles for Healthcare



Standard Includes		Required to Specify	
► Need help? Product details, page 272	• Tile: paint price group 1	1 Style number 2 Paint color number for tile 3 Options, if selected (see below) ► See <i>Surface Materials</i> , page 604.	
Surface Materials	Options	U.S. Price	Required to Specify
	• Paint price group 1 • Paint price group 2 • Paint price group 3	No cost +\$ 6 +\$10	Specify paint color number. Specify paint color number. Specify paint color number.
	• Fabric price group 1 • Fabric price group 2 • Fabric price group 3 • Fabric price group 4 • Fabric price group 5 • Fabric price group COM	No cost +\$14 +\$27 +\$39 +\$60 +\$16	Specify fabric color number. Specify fabric color number. Specify fabric color number. Specify fabric color number. Specify fabric color number. ► See <i>Surface Materials Reference Manual</i> to specify.
	<b>Fabric direction</b> • Horizontal application (standard) • Vertical application	No cost No cost	Specify <i>with horizontal application</i> . ► Page 614 Specify <i>with vertical application</i> . ► Page 614

## Specification Information

Width	Style Number	U.S. Base Price
.	.	.
.	.	.
.	.	.

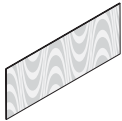
## 7"H Tiles

24"	<b>ZTSE2407</b>	\$ 71
30"	<b>ZTSE3007</b>	\$ 82
36"	<b>ZTSE3607</b>	\$ 91
42"	<b>ZTSE4207</b>	\$ 98
48"	<b>ZTSE4807</b>	\$110
.	.	.



**For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
► See page 1 for details.

# Segmented Laminate Tiles for Healthcare



Standard Includes		Required to Specify
► Need help? Product details, page 274	<ul style="list-style-type: none"> <li>• Tile: laminate</li> <li>• Edge: 6000 Black Plastic</li> </ul>	1 Style number 2 Laminate color number for tile surface 3 Options, if selected (see below) ► See <i>Surface Materials</i> , page 604.

Options	U.S. Price	Required to Specify
<b>Surface Materials</b> <ul style="list-style-type: none"> <li>• Open Line laminate</li> </ul>	+\$69 plus cost of laminate	► See <i>Surface Materials</i> , page 604.

Specification Information		
• Width	• Style Number	• U.S. Base Price
•	•	•
•	•	•
•	•	•
•	•	•

*Tip: Particleboard substrate will be used instead of steel substrate on all laminate tiles manufactured on or after 5/30/2016.*

## 7"H Tiles

24"	<b>ZTLS2407</b>	\$195
30"	<b>ZTLS3007</b>	\$226
36"	<b>ZTLS3607</b>	\$251
42"	<b>ZTLS4207</b>	\$271
48"	<b>ZTLS4807</b>	\$301
•	•	•
•	•	•



**For Canadian Pricing**  
 Multiply U.S. Price by the  
 Canadian price factor.  
 ► See page 1 for details.

Standard Includes	Required to Specify
<ul style="list-style-type: none"> <li>▶ Need help? Product details, page 273</li> <li>• Two-way radius cap: paint</li> <li>• Two-way connectors</li> <li>• One radius L-cover: paint</li> </ul>	<ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Paint color number for top cap, cover, and end trim</li> <li>▶ See <i>Surface Materials</i>, page 604.</li> </ul>

Specification Information				
Height	A	B	C	Style Number
U.S. Price				

## Radius L-Junctions

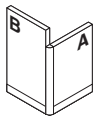
31"	31"		<b>ZJL22R</b>	\$ 93
31"	38"		<b>ZJL23R</b>	\$ 93
31"	45"		<b>ZJL24R</b>	\$ 93
31"	55"		<b>ZJL25R</b>	\$ 93
31"	65"		<b>ZJL26R</b>	\$114
:	:	:	:	:

## T-Junction

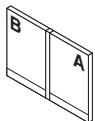
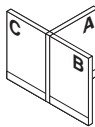
31"	31"	31"	<b>ZJT222</b>	\$ 93
:	:	:	:	:

## I-Junction

31"	31"		<b>ZJI22</b>	\$ 93
:	:	:	:	:



Tip: End trims are included with change of height junctions.



**For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
▶ See page 1 for details.

# End Trims and Vertical Slot Covers for Healthcare

## End Trims



Tip: Metal end trims must be used with metal top caps.

Standard Includes		Required to Specify
► Need help? Product details, page 273	<ul style="list-style-type: none"> <li>• Metal vertical end trim: paint</li> <li>• Attachment hardware for metal vertical end trim: wing nuts</li> </ul>	1 Style number 2 Paint color number for vertical end trim ► See <i>Surface Materials</i> , page 604.
Specification Information		
• Height	• Style Number	• U.S. Price
<b>Metal Vertical End Trim</b>		
6"	<b>ZET06</b>	\$31
14"	<b>ZET14</b>	\$33
24"	<b>ZET24</b>	\$43
31"	<b>ZET31</b>	\$43
34"	<b>ZET34</b>	\$47
•	•	•

## Vertical Slot Covers



Tip: Slot cover can be moved to the side to allow access to slot if needed.

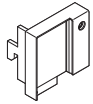
Tip: Each package includes two covers.

Standard Includes		Required to Specify
► Need help? Product details, page 27	<ul style="list-style-type: none"> <li>• Two painted slot covers: paint</li> </ul>	1 Style number 2 Paint color number for slot covers ► See <i>Surface Materials</i> , page 604.
Specification Information		
• Height	• Style Number	• U.S. Price
7"	<b>ZSEAL07</b>	\$18
•	•	•



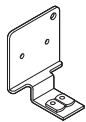
**For Canadian Pricing**  
 Multiply U.S. Price by the Canadian price factor.  
 ► See page 1 for details.

## Bumper Rail Bracket Package



Standard Includes		Required to Specify
► Need help? Product details, page 276	<ul style="list-style-type: none"> <li>Package of four brackets: paint</li> <li>Attachment hardware</li> </ul>	1 Style number 2 Paint color number for bracket ► See <i>Surface Materials</i> , page 604.
Specification Information		
Style Number	U.S. Price	
ZBRKTBR	\$80	

## Millwork Facade Bracket Package

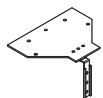


Standard Includes		Required to Specify
► Need help? Product details, page 276	<ul style="list-style-type: none"> <li>Package of four brackets</li> <li>Attachment hardware</li> </ul>	Style number
Specification Information		
Style Number	U.S. Price	
ZBRKTMF	\$80	



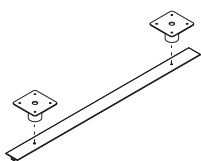
**For Canadian Pricing**  
Multiply U.S. Price by the  
Canadian price factor.  
► See page 1 for details.

## Flat Mount Transaction Top Bracket Package



Standard Includes		Required to Specify
► Need help? Product details, page 277	<ul style="list-style-type: none"> <li>Package of two brackets: paint</li> <li>Attachment hardware</li> </ul>	1 Style number 2 Paint color number for bracket ► See <i>Surface Materials</i> , page 604.
Specification Information		
Style Number	U.S. Price	
ZTTBRKTFP	\$158	

## Upmount Transaction Top Brackets



Tip: Upmount transaction top brackets cannot be used on frames with glass tiles.

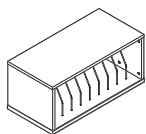
Standard Includes		Required to Specify
► Need help? Product details, page 277	<ul style="list-style-type: none"> <li>Package of two brackets: paint</li> <li>Metal top cap: paint</li> <li>Attachment hardware</li> </ul>	1 Style number 2 Paint color number for bracket and top cap ► See <i>Surface Materials</i> , page 604.
Specification Information		
Style Number	U.S. Price	
<b>For Use with 24"W Frame</b>		
ZTTBRKTUM24	\$191	
<b>For Use with 30"W Frame</b>		
ZTTBRKTUM30	\$204	
<b>For Use with 36"W Frame</b>		
ZTTBRKTUM36	\$215	
<b>For Use with 42"W Frame</b>		
ZTTBRKTUM42	\$227	
<b>For Use with 48"W Frame</b>		
ZTTBRKTUM48	\$241	



**For Canadian Pricing**  
 Multiply U.S. Price by the  
 Canadian price factor.  
 ► See page 1 for details.

# Patient Chart Box for Healthcare 4/18

Patient Chart Box for  
Healthcare



*Tip: The painted steel top cap option must be specified for the frame supporting the chart box.*

Standard Includes	Required to Specify
-------------------	---------------------

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>▶ Need help? Product details, page 278</li> <li>• Chart box: laminate</li> <li>• Wire dividers: platinum</li> </ul> | <ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Laminate color number for box</li> <li>3 Edge band number</li> <li>▶ See <i>Surface Materials</i>, page 604.</li> </ul> |
|--|--|

## Specification Information

Dimensions			Chart Capacity	Style Number	U.S. Price
D	W	H			
16"	24"	14½"	6	<b>HS2412L</b> <span style="color: #e91e63;">4/18</span>	\$ 841
16"	27"	14½"	8	<b>HS2712L</b> <span style="color: #e91e63;">4/18</span>	\$ 868
16"	30"	14½"	8	<b>HS3012L</b> <span style="color: #e91e63;">4/18</span>	\$ 896
16"	33"	14½"	10	<b>HS3312L</b> <span style="color: #e91e63;">4/18</span>	\$ 924
16"	36"	14½"	10	<b>HS3612L</b> <span style="color: #e91e63;">4/18</span>	\$ 952
16"	39"	14½"	12	<b>HS3912L</b> <span style="color: #e91e63;">4/18</span>	\$ 980
16"	42"	14½"	12	<b>HS4212L</b> <span style="color: #e91e63;">4/18</span>	\$1009
16"	45"	14½"	14	<b>HS4512L</b> <span style="color: #e91e63;">4/18</span>	\$1035
16"	48"	14½"	14	<b>HS4812L</b> <span style="color: #e91e63;">4/18</span>	\$1064
16"	51"	14½"	16	<b>HS5112L</b> <span style="color: #e91e63;">4/18</span>	\$1092
16"	60"	14½"	18	<b>HS6012L</b> <span style="color: #e91e63;">4/18</span>	\$1176
16"	63"	14½"	18	<b>HS6312L</b> <span style="color: #e91e63;">4/18</span>	\$1203

# Patient Chart Box Attachment Bracket Packages 4/18

*Tip: Brackets work with the steel top cap option on the frame only.*

Standard Includes	Required to Specify
-------------------	---------------------

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>▶ Need help? Product details, page 278</li> <li>• Two brackets: paint</li> <li>• Attachment hardware</li> </ul> | <ul style="list-style-type: none"> <li>1 Style number</li> <li>2 Paint color number for bracket</li> <li>▶ See <i>Surface Materials</i>, page 604.</li> </ul> |
|--|---|

## Specification Information

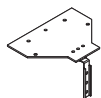
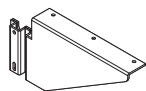
Style Number	U.S. Price
--------------	------------

### Flush Mounting Bracket

**HSOCB** 4/18 \$158

### Center Mounting Bracket

**HSCB** 4/18 \$158



**For Canadian Pricing**  
Multiply U.S. Price by the Canadian price factor.  
▶ See page 1 for details.

4/18 = Last order entry  
April 15, 2018





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# Surface Materials

<b>Surface Materials</b>	<b>604</b>
<b>Wood Matrix</b>	<b>610</b>
<b>Paint Color Availability Matrix</b>	<b>612</b>
<b>Specification Guidelines for Directional Fabrics</b>	<b>614</b>
<b>Recommended Worksurface Edge Finishes</b>	<b>616</b>
<b>Directional Laminate Grain Directions</b>	<b>618</b>
<b>Wood Veneer Grain Directions</b>	<b>620</b>
<b>How to Care for Laminate and Wood Surfaces</b>	<b>622</b>

# Surface Materials

This listing includes all the surface material choices that are available for the products in this specification guide.

## Resources

For more information about surface materials, refer to the following resources:

**Additional surface materials specification tools** are available to assist you in the specification process—the Surface Materials Binders.

**The global surface materials palette** is a core collection of finishes that is available across multiple geographies (Americas/EMEA – Europe, Middle East, and Africa/ APAC – Asia Pacific) and on global product lines, where applicable. For a list of finishes included in the offering, see the *Surface Materials Reference Manual*. Additional details, like product approvals by geography and finish number conversions, can also be found in the *Surface Materials Reference Manual* or see [steelcase.com/surface-materials](http://steelcase.com/surface-materials).

## Surface Materials Binders

- Surface Materials Reference Manual
- A complete set of swatch cards for hard surfaces, vertical surface fabrics, and seating upholstery

## Paint

► See *Surface Materials Reference Manual* for a listing of available paints for Victor2.

*Tip: All products may not be available in all colors listed below.*

► See page 612 for an overview of the paint colors available on each component.

ⓔ = Established

## Steelcase Surfaces

### Price Group 1

#### Smooth Paint

4242 Milk

#### Textured Paint

7207 Black  
7225 Sand  
7236 Fog ⓔ  
7237 Slate ⓔ  
7238 Fieldstone  
7239 Midnight  
7241 Arctic White  
7243 Seagull  
7278 Dark Bronze  
7360 Merle

### Price Group 2

#### Smooth Metallic Paint

4728 Nickel Metallic  
4743 Mineral Metallic  
4744 Pearl Metallic  
4750 Champagne Metallic  
4752 Steel Metallic ⓔ  
4788 Gold Dust Metallic ⓔ  
4798 Sterling Metallic  
4799 Platinum Metallic  
4803 Near Black Metallic

#### Textured Metallic Paint

7245 Carbon Metallic  
7246 Midnight Metallic

## Select Surfaces

### Price Group 3

#### Accent paint

Accent paints allow you to choose from a pre-matched color palette of trend driven colors that are available without the PerfectMatch registration fee. Refer to the *Surface Materials Reference Manual* for more information about this program.

## Custom Surfaces

### Price Group 3

#### PerfectMatch

PerfectMatch is a service that allows you to create your own paint color. Refer to the *Surface Materials Reference Manual* for more information about this program.

## Laminate

► See *Surface Materials Reference Manual* for a listing of available laminates for Victor2.

## Steelcase Surfaces

Applies to:

- Duo Storage boxes
- Doors
- Worksurfaces
- Laminate tiles
- Infills for FrameOne legs

2722 Cream ⓔ  
2730 Arctic White  
2746 Black  
2759 Warm White ⓔ  
2811 Mist ⓔ  
2883 Seagull  
2884 Milk  
2885 Dune

## High-Pressure Laminate

### Fiber Laminate

2850 Vanadium Fiber  
2851 Rhyme Fiber ⓔ  
2852 Tungsten Fiber  
2854 Vellum Fiber  
2859 Novell Fiber  
2860 Granite Fiber  
2861 Coconut Fiber  
2862 Stucco Fiber

### Micro Laminate

2920 Marl Micro  
2921 Gypsum Micro  
2922 Clay Micro  
2923 Shadow Micro ⓔ

### Patina Laminate

2870 Blonde Bronze Patina  
2871 Blackened Bronze Patina  
2873 Instant Iron Patina

### Solid Laminate

2722 Cream ⓔ  
2730 Arctic White  
2746 Black  
2759 Warm White ⓔ  
2811 Mist ⓔ  
2883 Seagull  
2884 Milk  
2885 Dune  
2HMG Merle

### Speckle Laminate

2820 Coffee Speckle  
2822 Woodrose Speckle ⓔ  
2823 Driftwood Speckle  
2824 Smoke Speckle  
2825 Vanadium Speckle

## Woodgrain Laminate

2406 Clear Cherry  
2409 Clear Maple  
2410 Graphite Walnut  
2412 Natural Cherry  
2422 Medium Cherry  
2511 Winter on Maple  
2538 Clear Walnut  
2539 Warm Oak ⓔ  
2592 Blonde on Maple  
2714 Natural Walnut  
2772 Medium Mahogany on Walnut ⓔ  
2HAK Clear Oak  
2HAN Ash Noce  
2HAT Acacia  
2HAW Ash Wenge  
2HBN Bisque Noce  
2HBW Bisque Wenge  
2HCN Clay Noce  
2HCW Clay Wenge  
2HSN Storm Noce  
2HSW Storm Wenge

*Tip: Some wood veneer finishes and woodgrain laminates share the same name. Because of the difference in materials, veneers and laminates of the same name are not an exact match but do coordinate with each other.*

## turnstone Laminate Collection

A selection of laminates and edge bands in this collection are available on Steelcase brand products. This collection is available with standard leadtimes and supported like standard laminates to help make ordering easy. Please see the turnstone section of [village.steelcase.com](http://village.steelcase.com) for swatching information.  
2535 Virginia Walnut  
2536 Blackwood  
2612 Marbled Maple  
2614 Chocolate Walnut  
2615 Marbled Cherry

*Tip: turnstone Laminate Collection is not available on doors or bullnose laminate storage tops.*

## Select Surfaces

### High-Pressure Laminate

#### Textured Woodgrain Laminate

2TH2 Fawn Cypress  
2TH3 Weathered Char  
2TH4 Saddle Oak  
2TH5 Veranda Teak  
2TH6 Persian Cherry  
2TH7 Walnut Heights

## Custom Surfaces

### Open Line Laminate (OLL)

This service allows you to order non-standard laminate at an additional processing fee of \$69 U.S. per work-surface, top, door, or segment-ed laminate tile, plus the cost of the laminate.

When processing orders for Open Line Laminate, on Universal worksurfaces, and Universal Storage tops specify 2900 in the laminate finish field and enter the OLL manufacturer information. Enter the required edge finish as you would a standard laminate.

*Tip: Standard laminates being used in the Open Line Laminate Program to obtain a different edge detail will be charged the Open Line laminate upcharge; however, no additional charges for the laminate will be applied.*

## Laminate Approval and Material Requirements

To confirm whether a particular laminate has already been tested for use on a specific Steelcase product or to determine material square foot requirements:

- Visit [www.steelcase.com](http://www.steelcase.com)

**For additional information,** refer to the *Steelcase Surface Materials Reference Manual*.

## Wood

Steelcase carefully selects veneer and solid wood for consistent color and grain structure. Wood is a natural material and variations will occur in color, grain and texture. These variations are part of the inherent natural beauty of wood and are not considered defects.

All wood products will darken with age and exposure to ultraviolet light. This is especially apparent with cherry and maple veneer. We recommend that desk accessories be rearranged periodically to ensure even aging of wood surfaces.

When storing your wood furniture, please follow the following guidelines:

- Do not store products in trailers
- Store products in areas that simulate office temperatures (60°F to 90°F)
- Store products in areas that maintain constant, office-like humidity levels
- Keep product away from light. Cover products to make sure they are not exposed to light.

## Steelcase Surfaces

### Veneer

Veneers are matched for proper balance and consistency. Veneers are available flat cut or quarter cut, except for Oak, which is rift cut. Refer to the *Surface Materials Reference Manual* for descriptions of each cut.

**Open-pore finish** is a medium gloss finish that leaves the woodgrain texture visible to the eye and distinguishable to the touch.

Applies to:

- End trim
- Top caps
- Tiles
- Wood junctions
- Worksurfaces
- Infills for FrameOne legs

► See *Surface Materials Reference Manual* for a listing of available veneers for Victor2.

### Flat-cut open-pore finish choices

- 3062 FC/OP Graphite Walnut
- 3402 FC/OP Clear Cherry (Aged)
- 3412 FC/OP Natural Cherry **E**
- 3422 FC/OP Medium Cherry
- 3522 FC/OP Clear Maple\*
- 3572 FC/OP Amber on Maple **E**
- 3592 FC/OP Blonde on Maple
- 3702 FC/OP Clear Walnut
- 3712 FC/OP Natural Walnut
- 3722 FC/OP Dark Mahogany on Walnut
- 3752 FC/OP Medium Walnut
- 3762 FC/OP Dark Walnut
- 3772 FC/OP Medium Mahogany on Walnut

### Quarter-cut open-pore finish choices

- 3042 QC/OP Ash\*
- 3222 QC/OP Clear Maple\*
- 3272 QC/OP Amber on Maple **E**
- 3292 QC/OP Blonde on Maple
- 3302 QC/OP Clear Walnut
- 3312 QC/OP Natural Walnut
- 3322 QC/OP Dark Mahogany on Walnut
- 3352 QC/OP Medium Walnut
- 3362 QC/OP Dark Walnut
- 3372 QC/OP Medium Mahogany on Walnut
- 3382 QC/OP Graphite Walnut

### Rift-cut open-pore finish choices

- 3602 RC/OP Desert Oak
- 3612 RC/OP Warm Oak **E**
- 3692 RC/OP Espresso Oak

**Full-fill finish** is a medium-gloss finish that completely fills the grain texture, yet allows the grain pattern to be seen. The wood has a lustrous, satiny look, and it is smooth to the touch. This finish is available on the wood worksurface or field-installed top only.

**E** = Established

### Flat-cut full-fill finish choices

- 3064 FC/FF Graphite Walnut
- 3404 FC/FF Clear Cherry (Aged)
- 3414 FC/FF Natural Cherry **E**
- 3424 FC/FF Medium Cherry
- 3524 FC/FF Clear Maple\*
- 3544 FC/FF Blonde on Maple
- 3574 FC/FF Amber on Maple **E**
- 3704 FC/FF Clear Walnut
- 3714 FC/FF Natural Walnut
- 3724 FC/FF Dark Mahogany on Walnut
- 3754 FC/FF Medium Walnut
- 3764 FC/FF Dark Walnut
- 3774 FC/FF Medium Mahogany on Walnut

### Quarter-cut full-fill finish choices

- 3224 QC/FF Clear Maple\*
- 3274 QC/FF Amber on Maple **E**
- 3294 QC/FF Blonde on Maple
- 3304 QC/FF Clear Walnut
- 3314 QC/FF Natural Walnut
- 3324 QC/FF Dark Mahogany on Walnut
- 3354 QC/FF Medium Walnut
- 3364 QC/FF Dark Walnut
- 3374 QC/FF Medium Mahogany on Walnut
- 3384 QC/FF Graphite Walnut

### Rift-cut full-fill finish choices

- 3604 RC/FF Desert Oak
- 3614 RC/FF Warm Oak **E**
- 3694 RC/FF Espresso Oak

*\*To ensure an understanding of the color ranges and characteristic variations of natural veneer, a sign-off sheet is required prior to orders being accepted for this clear-coat finish. The sign-off sheet is available through Steelcase advertising stock. Please use form number 09-0000756 for 3042, form number 05-0001370 for 3222 and 3224.*

## Steelcase Surfaces

### Composite Veneer

Composite veneers are an engineered wood intended to create specific grain patterns and characteristics. They are pre-stained and finished with Steelcase's Clarity water-borne UV topcoat, which protects the environment while providing durability and clarity. Only open-pore finishes are available on composite wood. Composite veneer and matching edge bands are available on most Steelcase brand products. Composites, for use as a solid nosing substitute, are not available. Steelcase does not recommend mixing composite veneers with natural solid nosings because composite and natural wood grain and color matching are rarely compatible. Composite veneers are Graded-In as Wood Group 1 pricing.

### Flat-cut open-pore finish choices

- 3JDX FC/OP Oak Composite
- 3JFX FC/OP Maple Composite
- 3JHX FC/OP Cherry Composite
- 3JJX FC/OP Walnut Composite

### Quarter-cut open-pore finish choices

- 3F8X QC/OP European Walnut Composite
- 3GAX QC/OP Gold Teak Composite
- 3GFX QC/OP Rosewood Composite
- 3GGX QC/OP Zebrano Composite
- 3HGX QC/OP Oak Composite
- 3HVX QC/OP Walnut Composite
- 3JEX QC/OP Maple Composite
- 3JGX QC/OP Cherry Composite

## Select Surfaces

For information on products within Select Surfaces, including accent paints and fabrics from Designtex, Gabriel, Kvadrat, and Pollack, please refer to the *Surface Materials Reference Manual* or visit [steelcase.com/surface-materials](http://steelcase.com/surface-materials) under the Select Surfaces section.

### Natural Veneer

Natural veneer is available in the Select Surfaces offering. Natural veneer may have extended lead-times. Place your order as you normally would for any other finish, calling out the appropriate finish code.

The following finishes are available through the natural veneer offering:

#### Wood Group 1

- 35A2 FC/OP Blanch Maple
- 37A2 FC/OP Thunder Walnut

#### Wood Group 2

- 32A2 QC/OP Blanch Maple
- 33A2 QC/OP Thunder Walnut

#### Wood Group 3

- 36A2 RC/OP Volcanic Oak

### Planked Veneer

Planked veneer is available in the Select Surfaces offering. Planked veneer may have extended lead-times. Place your order as you normally would for any other finish, calling out the appropriate finish code.

The following finishes are available through the planked veneer offering:

#### Wood Group 1

- 3P61 OP Planked Oak
- 3P71 OP Planked Walnut

*Tip: Known for its uniqueness, planked veneer has intentional and natural variations that include, but are not limited to: character marks, grain pattern, color, and natural color aging.*

## Steelcase Surfaces

### Premium Veneers

A selection of Premium veneers in this collection are available on most Steelcase brand products. The collection will be available as close to standard leadtimes as possible. However, because adequate supplies of veneer and solids must be secured, all orders will be scheduled individually. Leadtimes will vary based on Premium veneer and Premium solids availability at the time the order is placed. The collection is Graded-In as Wood Group 2 and Wood Group 3, and supported like standard veneers to make ordering easy. Please see the Steelcase surface materials section on *village.steelcase.com* for sample information and product line availability. All premium veneers are in clear-coat.

### Quarter-cut open-pore finish choices

#### Wood Group 2

3032 QC/OP Dark Thin Line Bamboo  
3052 QC/OP Ribbon Sapele

#### Wood Group 3

3832 QC/OP Figured Anegre  
3842 QC/OP Figured Makore

*Tip: Full-fill finish is not available on Premium veneers as a standard.*

*To ensure an understanding of the color ranges and characteristic variations of natural veneer, a sign-off sheet is required prior to orders being accepted for this clear-coat finish. The sign-off sheet is available through Steelcase advertising stock. Please use form number 09-0000755 for 3032, form number 09-0000757 for 3052, form number 09-0000758 for 3832, and form number 09-0000759 for 3842.*

## Custom Surfaces

**Customiz stain** is a service that allows you to create your own stain colors and finishes on standard veneer. Customiz stain color is available on all product lines that offer wood veneer.

A \$500 stain matching fee applies on CUSTOMIZ requests (Exception: The \$500 fee does not apply on matches to Coalesse standard finishes or for a low-gloss finish request on a standard color). The \$500 fee covers the cost of formulating the Customiz color finish and applies regardless of whether or not an order for product is placed.

In addition, an approval form must be signed to indicate customer acceptance of Customiz match. A \$1,500 initiation fee will be charged prior to first order entry. This initiation fee activates the finish for unlimited use on any Steelcase product for an 18 month time period. After the 18 month time period has lapsed, the Customiz finish may be reactivated for another 18 months for a \$1,000 fee at any point within five years after the \$1,500 initiation fee was paid. If the finish is not reactivated within five years after the \$1,500 initiation fee was paid, the finish will be culled and the customer will need to pay the \$1,500 initiation fee again. All style number related Customiz charges products are no cost as of April 2014. The matching and initiation fees are not discountable.

Customize stain takes 10 days to formulate. Consult the *Surface Materials Reference Manual* for more information. Custom veneers are also available and must be quoted by Steelcase specials group. Customiz stain on custom veneers takes 2 to 4 weeks to formulate.

Requirements and information on ordering a Customiz stain color are found in the *Surface Materials Reference Manual*.

## Accessory Paint

### Steelcase Surfaces

Applies to:

- Cabby legs with glides
- Adjustable-height leg with glides
- Universal table bases
- 4140 Arctic White Gloss
- 4144 Black Gloss

## Metal

### Steelcase Surfaces

Applies to:

- Elliptical legs
- 9201 Polished Chrome

## Plated Metal

### Steelcase Surfaces

Applies to:

- Waterfall and rod pulls
- 9211 Nickel
- 9212 Silver

## Glass

### Steelcase Surfaces

Applies to:

- Universal over the case or Universal in the case bin picture frame door glass insert
- 6580 Ice White

## Acrylic

### Steelcase Surfaces

Applies to:

- Universal over the case or Universal in the case bin picture frame door acrylic insert
- 6538 Satin

## Plastic

### Steelcase Surfaces

*Tip: Plastic products may not be available in all colors listed below.*

Applies to:

- Enhanced off-module frame attachment brackets
- Vertical wire managers
- 6000 Black
- 6659 Light Grey <sup>E</sup>

Applies to:

- 3 mm and 1 mm edge profile on Universal systems worksurfaces and tables with High-Pressure Laminate
- 1 mm edge profile on Universal storage High-Pressure Laminate tops
- 1 mm edge profile on Answer Freestanding corner shelves
- 6000 Black
- 6001 Coffee
- 6009 Arctic White
- 6034 Natural Cherry
- 6036 Medium Cherry
- 6037 Winter on Maple
- 6038 Blonde on Maple
- 6041 Natural Walnut
- 6045 Medium Mahogany on Walnut <sup>E</sup>
- 6052 Milk
- 6053 Seagull
- 6213 Acacia
- 6219 Clear Oak
- 6231 Graphic Walnut
- 6234 Clear Cherry
- 6237 Clear Maple
- 6242 Virginia Walnut
- 6243 Blackwood
- 6245 Clear Walnut
- 6246 Warm Oak <sup>E</sup>
- 6249 Platinum Solid
- 6527 Merle
- 6615 Grey V5
- 6619 Ice <sup>E</sup>
- 6631 Cream
- 6635 Dawn <sup>E</sup>
- 6636 Mist
- 6654 Sand
- 6655 Warm White
- 6676 Marbled Maple
- 6677 Chocolate Walnut
- 6678 Marbled Cherry
- 6694 Slate
- 6695 Midnight
- 6697 Fog
- 6698 Fieldstone
- 6703 Ash Wenge
- 6704 Storm Wenge
- 6705 Bisque Wenge
- 6706 Clay Wenge
- 6707 Ash Noce
- 6708 Bisque Noce
- 6709 Clay Noce
- 6710 Storm Noce

Applies to:

- P-edge and 1 mm profile on Universal Systems Worksurfaces and Tables with High-Pressure Laminate
- 6000 Black
- 6001 Coffee
- 6009 Arctic White
- 6052 Milk
- 6053 Seagull
- 6249 Platinum Solid
- 6612 Grey V2 <sup>E</sup>
- 6615 Grey V5
- 6654 Sand
- 6694 Slate
- 6695 Midnight
- 6697 Fog
- 6698 Fieldstone

*Tip: Light color plastic edges are susceptible to degradation due to normal wear and tear. Staining (e.g., ball point pen or clothing dyes such as blue jeans) and dirt effects are more pronounced in light colors and are not considered defects.*

## Select Surfaces

Applies to:

- 3 mm and 1 mm edge profile on Universal systems worksurfaces and tables with High-Pressure Laminate
- 1 mm edge profile on Universal storage High-Pressure Laminate tops
- 1 mm edge profile on Answer Freestanding corner shelves
- 6T02 Fawn Cypress
- 6T03 Weathered Char
- 6T04 Saddle Oak
- 6T05 Veranda Teak
- 6T06 Persian Cherry
- 6T07 Walnut Heights

<sup>E</sup> = Established



## Vertical Surface Fabric

► See *Surface Materials Reference Manual* for a listing of available fabrics for Divisio side screen.

- Knit screens
- B902 Soft White
- B903 Fog
- B904 Sand

Applies to:

- Non-tackable tiles
- Tackable acoustical tiles
- High-performance acoustical tiles
- Hutch kits

\*Not available on 81"H enhanced monolithic tiles.

+Not available on non-tackable tiles.

## Steelcase Surfaces

### Price Group 1

#### Abacus\* ③

- P122 Entasis
- P123 Portico
- P124 Opus
- P125 Cusp
- P126 Artifact
- P129 Atlas

#### Alloy

- P525 Polar
- P526 Skim
- P527 Bubbly
- P528 Tern
- P529 Shore
- P530 Asti
- P531 Silver
- P532 Oxide
- P533 Element
- P534 Construct
- P535 Currency
- P536 Iron

#### Boccie\*

- P200 New Rice
- P201 New Almond
- P202 New Nutmeg
- P203 New Camel
- P204 New Opal
- P205 New Mist
- P206 New Plum
- P207 New Lichen
- P208 New Spearmint
- P209 New Sky

#### Buzz2

- 5F01 Camel ③
- 5F03 Tomato
- 5F04 Red ③
- 5F05 Burgundy
- 5F06 Sky ③
- 5F07 Blue
- 5F08 Navy
- 5F10 Grape ③
- 5F11 Eggplant ③
- 5F15 Stone
- 5F16 Grey
- 5F17 Black
- 5G50 Dunegrass
- 5G51 Sable
- 5G52 Barley
- 5G53 Sunrise
- 5G54 Carrot
- 5G55 Pumpkin
- 5G56 Timber
- 5G57 Rouge
- 5G58 Chocolate
- 5G59 Meadow
- 5G60 Ivy
- 5G61 Cyan
- 5G62 Atlantic
- 5G63 Crocus
- 5G64 Alpine
- 5G65 Tornado

#### Charm

- P504 Tint
- P505 Shell
- P506 Mimosa
- P507 Birch
- P508 Sparkle
- P509 Ginkgo
- P510 Debut
- P511 Clover
- P512 Spicy
- P513 Twilight

#### Embrasure\* ③

- P140 Colonnade
- P141 Rotunda
- P143 Baluster

#### Lapel

- P409 Cement
- P410 Pebble
- P411 Beech
- P412 Dune
- P413 Grain
- P414 Sprout
- P415 Misty Blue
- P416 Maple
- P417 Slate

#### Optic

- P540 Hazel
- P541 Twinkle
- P542 Orion
- P543 Seaglass
- P544 Shine
- P545 Halo
- P546 Whiskey
- P547 Bath
- P548 Whisper
- P549 Breezy
- P550 Wry
- P551 Glimmer

#### Pianista

- P420 Sand
- P421 Mist
- P422 Rain
- P423 Natural
- P424 Café
- P425 Denim
- P426 Carbon
- P427 Stone
- P428 Flax
- P429 Oat
- P430 Wheat
- P431 Maize

#### Rhythm+

- P555 Allegro
- P556 Tempo
- P557 Refrain
- P558 Pitch
- P559 Harmony
- P560 Melody
- P561 Stanza
- P562 Opus

#### Tinsel

- P515 Sugar
- P516 Lit
- P517 Ego
- P518 Fizz
- P519 Muse
- P520 Depth
- P521 Bliss
- P522 Grow
- P523 Dolce
- P524 Boost

### Price Group 2

#### Amiranté ③

- 5664 Mink
- 5665 Ivory
- 5666 Silver Frost
- 5677 Moonglo
- 5679 Woodbine

#### Ashanti Reverse ③

- 5640 Silver Frost
- 5654 Quince

#### Bariolage

- G200 New Etude
- G201 New Andante
- G202 New Cantata
- G203 New Adagio
- G204 New Melody
- G205 New Ballata
- G206 New Sonata

#### Bouquet\* ③

- P165 Hosta
- P166 Dundee
- P169 Argenta
- P170 Hoya
- P173 Camomile

#### Cogent: Geode Vertical ③

- 5S38 Oyster
- 5S41 Sesame

#### Flip: Orbit

- 5F85 Mud Pie
- 5F86 Hummus
- 5F87 Petoskey
- 5F88 Pluto
- 5F89 Papyrus
- 5F91 Blizzard
- 5F92 Briquette

#### Flip: Plain Jane

- 5F70 Mud Pie
- 5F71 Hummus
- 5F72 Petoskey
- 5F73 Pluto
- 5F74 Papyrus
- 5F94 Blizzard
- 5F95 Briquette

#### Flip: TexHex

- 5F75 Mud Pie
- 5F76 Hummus
- 5F77 Petoskey
- 5F78 Pluto
- 5F79 Papyrus
- 5F97 Blizzard
- 5F98 Briquette

#### Fresco

- G001 Sandrift
- G002 Mistibu
- G003 Faon
- G006 Chamoline
- G007 Grapenut
- G017 Flint

#### Latch

- P600 Seashell
- P601 Clam
- P602 Eggshell
- P603 Zen
- P604 Cool Gray
- P605 Armor
- P606 Sentinel
- P607 Rye
- P608 Billow
- P609 Nimbus

#### Milano ③

- N002 Delft
- N003 Woodland
- N004 Sunshadow
- N005 Olivine
- N012 Teakwood

#### Regatta ③

- 5335 Warm Brown V1
- 5338 Tan V1

### Price Group 3

#### Billiard Multi-Use by Designtex

- 5H10 Bone
- 5H11 Poppy
- 5H12 Tangelo
- 5H13 Citron
- 5H14 Avocado
- 5H15 Hunter
- 5H16 Indigo
- 5H17 Mallard
- 5H18 Teak
- 5H19 Cumulus
- 5H20 Pewter
- 5H21 Gunmetal
- 5H22 Ink

### Select Surfaces

**For information on products within Select Surfaces**, including accent paints and fabrics from Designtex, Gabriel, Kvadrat, and Pollack, please refer to the *Surface Materials Reference Manual* or visit [steelcase.com/surface-materials](http://steelcase.com/surface-materials) under the Select Surfaces section.

③ = Established

## Seating Upholstery

► See *Surface Materials Reference Manual* for a listing of available fabrics for Divisio side screen.

► See *Surface Materials Reference Manual* for a listing of available upholstery colors.

Applies to:

- Mobile pedestal cushion top
- Basic cushion

*Tip: Vinyl, leather, and Elmosoft leather are not available on basic cushions.*

## Steelcase Surfaces

### Price Group 1

Buzz2

Jacks **E**

Link

New Black

Playground **E**

*Tip: New Black upholstery has color numbers in both price group 1 and price group 2.*

### Price Group 2

Chainmail

Cogent: Connect

Cogent: Geode Vertical **E**

Cogent: Trails

New Black

Nitelights

Seating Vinyl **E**

Spyder **E**

Stand In

*Tip: New Black upholstery has color numbers in both price group 1 and price group 2.*

### Price Group 3

Billiard Multi-Use

by DesignTex

Gaja – C2C

Imperma

Redeem

Retrieve

Texel

### Price Group 5

Bo Peep

Remix

### Price Group 6

Brisa

### Price Group 7

Steelcut Trio

## Leather

Steelcase Leather

## Elmosoft Leather

Elmosoft Leather

## Select Surfaces

**For information on products within Select Surfaces**, including accent paints and fabrics from DesignTex, Gabriel, Kvadrat, and Pollack, please refer to the *Surface Materials Reference Manual* or visit [steelcase.com/surface-materials](http://steelcase.com/surface-materials) under the Select Surfaces section.

## Custom Surfaces

### Price Group COM (Customer's Own Material)

#### Fabric Approval and Yardage

To confirm whether a particular COM material has already been tested for use on a specific Steelcase product or to determine actual yardage requirements:

- Visit [www.steelcase.com](http://www.steelcase.com)

#### For additional information regarding Customer's Own Material

call (1.888.783.3522) or send an email to [line-one@steelcase.com](mailto:line-one@steelcase.com).

**E** = Established



# Wood Matrix

## Wood

		Fill Level	Montage End Trims	Montage Top Caps	Montage Wood Junction Kits	Montage Tiles	Universal Storage	Universal Overhead
<b>Flat Cut</b>								
<b>Cherry</b>								
<b>3402</b> FC/OP Clear Cherry (Aged)	OP	■	■	■	■	■	■	■
<b>3404</b> FC/FF Clear Cherry (Aged)	FF	•	•	•	•	•	•	■
<b>3412</b> FC/OP Natural Cherry <b>E</b>	OP	■	■	■	■	■	■	■
<b>3414</b> FC/FF Natural Cherry <b>E</b>	FF	•	•	•	•	•	•	•
<b>3422</b> FC/OP Medium Cherry	OP	■	■	■	■	■	■	■
<b>3424</b> FC/FF Medium Cherry	FF	•	•	•	•	•	•	•
<b>Maple</b>								
<b>3522</b> FC/OP Clear Maple*	OP	■	■	■	■	■	■	■
<b>3524</b> FC/FF Clear Maple*	FF	•	•	•	•	•	•	•
<b>3544</b> FC/FF Blonde on Maple	FF	•	•	•	•	•	•	•
<b>3572</b> FC/OP Amber on Maple <b>E</b>	OP	■	■	■	■	■	■	■
<b>3574</b> FC/FF Amber on Maple <b>E</b>	FF	•	•	•	•	•	•	•
<b>3592</b> FC/OP Blonde on Maple	OP	■	■	■	■	■	■	■
<b>Walnut</b>								
<b>3062</b> FC/OP Graphite Walnute	OP	■	■	■	■	■	■	■
<b>3064</b> FC/FF Graphite Walnut	FF	•	•	•	•	•	•	•
<b>3702</b> FC/OP Clear Walnut	OP	■	■	■	■	■	■	■
<b>3704</b> FC/FF Clear Walnut	FF	•	•	•	•	•	•	•
<b>3712</b> FC/OP Natural Walnut	OP	■	■	■	■	■	■	■
<b>3714</b> FC/FF Natural Walnut	FF	•	•	•	•	•	•	•
<b>3722</b> FC/OP Dark Mahogany on Walnut	OP	■	■	■	■	■	■	■
<b>3724</b> FC/FF Dark Mahogany on Walnut	FF	•	•	•	•	•	•	•
<b>3752</b> FC/OP Medium Walnut	OP	■	■	■	■	■	■	■
<b>3754</b> FC/FF Medium Walnut	FF	•	•	•	•	•	•	•
<b>3762</b> FC/OP Dark Walnut	OP	■	■	■	■	■	■	■
<b>3764</b> FC/FF Dark Walnut	FF	•	•	•	•	•	•	•
<b>3772</b> FC/OP Medium Mahogany on Walnut	OP	■	■	■	■	■	■	■
<b>3774</b> FC/FF Medium Mahogany on Walnut	FF	•	•	•	•	•	•	•

\*Due to the nature of clear coat on the maple species, a sign-off sheet will be required prior to orders being accepted for this finish. The sign-off sheet is available through Steelcase advertising stock. Form number 05-0001370



## Wood

## Legend

- = Not Available
- = Available
- = Available with exceptions
- Ⓔ = Established
- OP = Open-pore
- FF = Full-fill

	Fill Level	Montage End Trims	Montage Top Caps	Montage Wood Junction Kits	Montage Tiles	Universal Storage	Universal Overhead
<b>Quarter Cut</b>							
<b>Maple</b>							
<b>3222</b> QC/OP Clear Maple*	OP	■	■	■	■	■	■
<b>3224</b> QC/FF Clear Maple*	FF	•	•	•	•	•	•
<b>3272</b> QC/OP Amber on Maple Ⓔ	OP	■	■	■	■	■	■
<b>3274</b> QC/FF Amber on Maple Ⓔ	FF	•	•	•	•	•	•
<b>3292</b> QC/OP Blonde on Maple	OP	■	■	■	■	■	■
<b>3294</b> QC/FF Blonde on Maple	FF	•	•	•	•	•	•
<b>Walnut</b>							
<b>3302</b> QC/OP Clear Walnut	OP	■	■	■	■	■	■
<b>3304</b> QC/FF Clear Walnut	FF	•	•	•	•	•	•
<b>3312</b> QC/OP Natural Walnut	OP	■	■	■	■	■	■
<b>3314</b> QC/FF Natural Walnut	FF	•	•	•	•	•	•
<b>3322</b> QC/OP Dark Mahogany on Walnut	OP	■	■	■	■	■	■
<b>3324</b> QC/FF Dark Mahogany on Walnut	FF	•	•	•	•	•	•
<b>3352</b> QC/OP Medium Walnut	OP	■	■	■	■	■	■
<b>3354</b> QC/FF Medium Walnut	FF	•	•	•	•	•	•
<b>3362</b> QC/OP Dark Walnut	OP	■	■	■	■	■	■
<b>3364</b> QC/FF Dark Walnut	FF	•	•	•	•	•	•
<b>3372</b> QC/OP Medium Mahogany on Walnut	OP	■	■	■	■	■	■
<b>3374</b> QC/FF Medium Mahogany on Walnut	FF	•	•	•	•	•	•
<b>3382</b> QC/OP Graphite Walnut	OP	■	■	■	■	■	■
<b>3384</b> QC/FF Graphite Walnut	FF	•	•	•	•	•	•
<b>Rift Cut</b>							
<b>3602</b> RC/OP Desert Oak	OP	■	■	■	■	■	■
<b>3604</b> RC/FF Desert Oak	FF	•	•	•	•	•	•
<b>3612</b> RC/OP Warm Oak Ⓔ	OP	■	■	■	■	■	■
<b>3614</b> RC/FF Warm Oak Ⓔ	FF	•	•	•	•	•	•
<b>3692</b> RC/OP Espresso Oak	OP	■	■	■	■	■	■
<b>3694</b> RC/FF Espresso Oak	FF	•	•	•	•	•	•

\*Due to the nature of clear coat on the maple species, a sign-off sheet will be required prior to orders being accepted for this finish. The sign-off sheet is available through Steelcase advertising stock. Form number 05-0001370

# Paint Color Availability Matrix

## Legend

- = Not available
- = Available
- = Available with exceptions
- E = Established

	Paint Price Group 1 (Smooth)	4242 Milk	Paint Price Group 1 (Textured)	7207 Black	7225 Sand	7236 Fog E	7237 Slate E	7238 Fieldstone	7239 Midnight	7241 Arctic White	7243 Seagull	7278 Dark Bronze	7360 Merle	Paint Price Group 2 (Smooth)	0835 Black
<b>Frames and Tiles</b>															
Enhanced monolithic frames	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Enhanced standard frames	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Enhanced 10"H and 20"H single stack-on frames	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Enhanced off-module frames	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Desk-height cavities	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Horizontal filler strips	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Single pocket door	■	■	■	■	■	■	■	■	■	■	■	■	■	•	■
Vertical slot cover	■	■	■	■	■	■	■	■	■	■	■	■	■	•	■
Trim components	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Wall attachment brackets	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Tiles	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Glass tiles	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Doors frames	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
<b>Storage</b>															
Universal storage	■	■	■	■	■	■	■	■	■	■	■	■	■	•	■
Universal overhead bins and shelves, upmount bin brackets, and hutch kits	■	■	■	■	■	■	■	■	■	■	■	■	■	•	■
Montage pedestals	■	■	■	■	■	■	■	■	■	■	■	■	■	•	■
Duo storage legs and brackets	•	•	•	•	•	•	•	•	•	•	■	•	•	•	■
Duo storage steel interior cover	■	■	■	■	■	■	■	■	■	■	■	■	■	•	■
<b>Worksurfaces, Desks, and Tables</b>															
Cantilevers, off-module worksurface brackets, and end panels	■	■	■	■	■	■	■	■	■	■	■	■	■	•	■
Answer Freestanding Desk supports and modesty panels	■	■	■	■	■	■	■	■	■	■	■	■	■	•	■
Universal legs, double post C-Legs, and columns	■	■	■	■	■	■	■	■	■	■	■	■	■	•	■
Cabby legs	•	■	■	•	•	•	■	•	•	•	■	•	•	•	■
Adjustable-height legs	•	■	■	•	•	•	■	•	•	•	•	•	•	•	■
Elliptical legs	•	•	■	•	•	•	•	•	•	■	•	•	•	•	■
Universal table bases	■	■	■	■	■	■	■	■	■	■	■	■	■	•	■
FrameOne legs and supports	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
<b>Lighting</b>															
Shelf lights	•	■	■	■	■	■	■	■	■	■	■	■	■	•	■

**Legend**

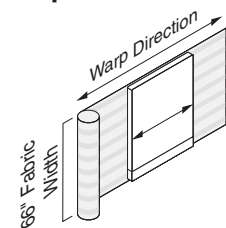
---

- = Not Available
- = Available
- = Available with exceptions
- ⓔ = Established

# Specification Guidelines for Directional Fabrics

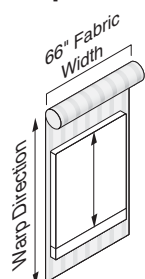
**Steelcase is not responsible for charges associated with replacement or re-upholstery of panel surfaces due to incorrect specifications.**

## Warp Horizontal



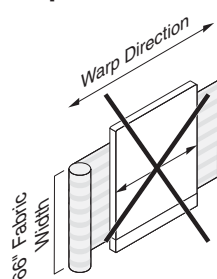
**The standard application direction** of fabric on Montage tiles 60"H or less is warp horizontal. Standard Steelcase fabrics were designed for this application direction.

## Warp Vertical

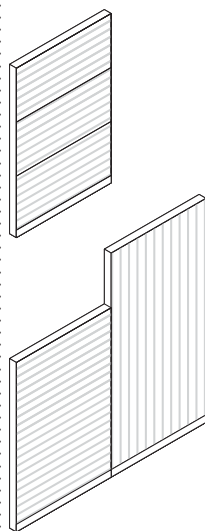


**Warp vertical** is applied to all 81"H tiles. It also is an option on shorter tiles to accommodate fabrics designed for vertical application—most commonly COMs—or for shorter tiles being used with 81"H tiles.

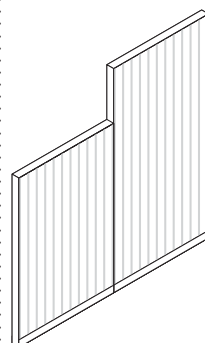
## Warp Horizontal



**Fabric on 81"H tiles** cannot be applied warp horizontal because the height of the product is greater than the width of the fabric.

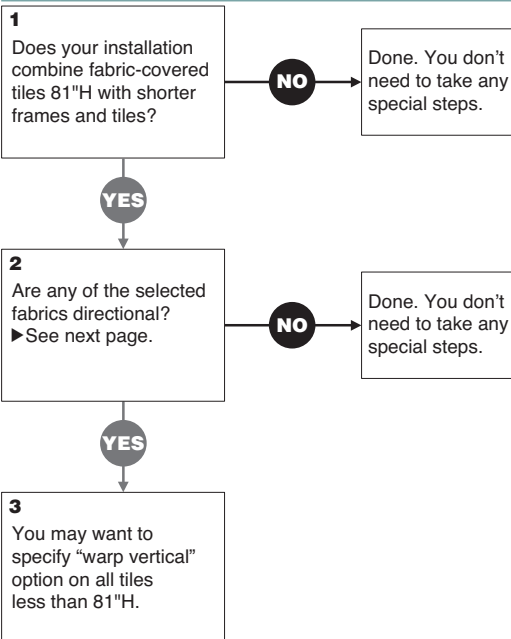


**The combination** of tall tiles (81"H with warp vertical) with short tiles (60"H or less with warp horizontal) will result in the fabric patterns running in opposite directions.



**Warp direction on short panels** can be specified vertical to match tall panels, or select a non-directional fabric.

## Fabric Direction Decision Process



*Tip: Not every installation requires that all panels have the same fabric direction. You may not have to specify matching fabric directions on tall and short panels,*

- *if they are not going to be used together, or*
- *if you like the appearance of contrasting fabric directions.*

*Tip: You may want to specify fabric direction if you are trying to match existing panels.*

## Fabric-covered tiles ordered before October 16, 1995,

were fabricated with warp horizontal or warp vertical depending on the fabric. Now all tiles will be warp horizontal.

*Tip: If you're ordering tiles to match those in an existing installation, you may want to specify the fabric with warp vertical.*

▶ See table at right.

**Steelcase is not responsible for charges associated with replacement or re-upholstery of tile surfaces due to incorrect specifications.**

## Application Topics

**Surface materials consultants** are available to answer your questions and to provide clarification about COM availability, testing, yardage requirements, etc. Call 616.246.9822.

## Price

**No additional cost** to specify warp direction.

## Enhanced Panels

Fabric		13"H & 20"H Tiles Before October 16, 1995	13"H & 20"H Tiles October 16, 1995 and After	40"H Tiles	60"H Tiles	81"H Tiles
Abacus <sup>ⓔ</sup>	D	•	H	H	H	•
Alloy	D	•	H	H	H	V
Amiranté <sup>ⓔ</sup>	D	V	H	H	H	V
Ashanti Reverse <sup>ⓔ</sup>	D	V	H	H	H	V
Bariolage	D	•	H	H	H	V
Billiard Multi-Use by Designtex	ND	•	H	H	H	V
Boccie	D	•	H	H	H	•
Bouquet <sup>ⓔ</sup>	D	•	H	H	H	•
Buzz2	ND	•	H	H	V	V
Charm	D	•	H	H	H	•
Cogent: Geode Vertical <sup>ⓔ</sup>	D	•	H	H	H	•
Embrasure <sup>ⓔ</sup>	D	•	H	H	H	•
Flip: Orbit	D	•	H	H	H	•
Flip: Plain Jane	D	•	HO	HO	HO	V
Flip: TexHex	D	•	H	H	H	•
Fresco	D	H	HO	HO	HO	V
Lapel	D	H	H	H	H	V
Latch	D	•	H	H	H	V
Milano <sup>ⓔ</sup>	D	H	H	H	H	V
Optic	D	•	H	H	H	V
Pianista	D	•	HO	HO	HO	•
Regatta <sup>ⓔ</sup>	ND	H	H	H	H	V
Rhythm	D	•	H	H	H	V
Tinsel	D	•	H	H	H	•

D = Directional  
 ND = Non-directional  
 H = Warp Horizontal  
 HO = Horizontal only  
 V = Warp Vertical  
 • = Not Available  
<sup>ⓔ</sup> = Established

# Recommended Worksurface Edge Finishes

## Recommended Edge Colors for Universal Products—High-Pressure Laminate

### Edges

The recommended edge color will complement the laminate color you specify. Edge color is specified separately.

Laminate Color	Recommended 3 mm or 1 mm Edge Color	Recommended P-Edge Color
<b>Fiber Laminate</b>		
2850 Vanadium Fiber	6654 Sand	6697 Fog
2851 Rhyme Fiber <b>E</b>	6631 Cream	6654 Sand
2852 Tungsten Fiber	6636 Mist	6654 Sand
2854 Vellum Fiber	6655 Warm White	6697 Fog
2859 Novell Fiber	6001 Coffee	6697 Fog
2860 Granite Fiber	6000 Black	6000 Black
2861 Coconut Fiber	6654 Sand	6654 Sand
2862 Stucco Fiber	6053 Seagull	6053 Seagull
<b>Micro Laminate</b>		
2920 Marl Micro	6053 Seagull	6053 Seagull
2921 Gypsum Micro	6654 Sand	6654 Sand
2922 Clay Micro	6654 Sand	6654 Sand
2923 Shadow Micro <b>E</b>	6249 Platinum Solid	6249 Platinum Solid
<b>Patina Laminate</b>		
2870 Blonde Bronze Patina	6654 Sand	6654 Sand
2871 Blackened Bronze Patina	6615 Grey V5	6000 Black
2873 Instant Iron Patina	6615 Grey V5	6000 Black
<b>Solid Laminate</b>		
2722 Cream <b>E</b>	6631 Cream	6654 Sand
2730 Arctic White	6009 Arctic White	6009 Arctic White
2746 Black	6000 Black	6000 Black
2759 Warm White <b>E</b>	6655 Warm White	6654 Sand
2811 Mist <b>E</b>	6636 Mist	6697 Fog
2883 Seagull	6053 Seagull	6053 Seagull
2884 Milk	6052 Milk	6052 Milk
2885 Dune	6654 Sand	6654 Sand
2HMG Merle	6527 Merle	6527 Merle
<b>Speckle Laminate</b>		
2820 Coffee Speckle	6631 Cream	6654 Sand
2822 Woodrose Speckle <b>E</b>	6635 Dawn <b>E</b>	6000 Black
2823 Driftwood Speckle	6631 Cream	6000 Black
2824 Smoke Speckle	6636 Mist	6654 Sand
2825 Vanadium Speckle	6619 Ice <b>E</b>	6697 FogMerle
<b>Textured Woodgrain Laminate - Select Surfaces</b>		
2TH2 Fawn Cypress	6T02 Fawn Cypress	6654 Sand
2TH3 Weathered Char	6T03 Weathered Char	6615 Grey V5
2TH4 Saddle Oak	6T04 Saddle Oak	6001 Coffee
2TH5 Veranda Teak	6T05 Veranda Teak	6612 Grey V2 <b>E</b>
2TH6 Persian Cherry	6T06 Persian Cherry	6001 Coffee
2TH7 Walnut Heights	6T07 Walnut Heights	6001 Coffee

► Continued on next page

**E** = Established

► Continued from previous page

## Recommended Edge Colors for Universal Products—High-Pressure Laminate

### Edges

The recommended edge color will complement the laminate color you specify.  
Edge color is specified separately.

Laminate Color	Recommended 3 mm or 1 mm Edge Color	Recommended P-Edge Color
<b>Woodgrain Laminate</b>		
2406 Clear Cherry	6234 Clear Cherry	6000 Black
2409 Clear Maple	6237 Clear Maple	6654 Sand
2410 Graphite Walnut	6231 Graphite Walnut	6000 Black
2412 Natural Cherry	6034 Natural Cherry	6000 Black
2422 Medium Cherry	6036 Medium Cherry	6000 Black
2511 Winter on Maple	6037 Winter on Maple	6654 Sand
2538 Clear Walnut	6245 Clear Walnut	6000 Black
2539 Warm Oak <b>E</b>	6246 Warm Oak <b>E</b>	6654 Sand
2592 Blonde on Maple	6038 Blonde on Maple	6654 Sand
2714 Natural Walnut	6041 Natural Walnut	6000 Black
2772 Medium Mahogany on Walnut <b>E</b>	6045 Medium Mahogany on Walnut <b>E</b>	6000 Black
2HAK Clear Oak	6219 Clear Oak	6654 Sand
2HAN Ash Noce	6707 Ash Noce	6654 Sand
2HAT Acacia	6213 Acacia	6559 Warm White Solid
2HAW Ash Wenge	6703 Ash Wenge	6654 Sand
2HBN Bisque Noce	6708 Bisque Noce	6631 Cream
2HBW Bisque Wenge	6705 Bisque Wenge	6631 Cream
2HCN Clay Noce	6709 Clay Noce	6612 Grey V2 <b>E</b>
2HCW Clay Wenge	6706 Clay Wenge	6612 Grey V2 <b>E</b>
2HSN Storm Noce	6710 Storm Noce	6615 Grey V5
2HSW Storm Wenge	6704 Storm Wenge	6615 Grey V5
<b>turnstone Laminate Collection*</b>		
2535 Virginia Walnut	6242 Virginia Walnut	6000 Black
2536 Blackwood	6243 Blackwood	6000 Black
2612 Marbled Maple	6676 Marbled Maple	6000 Black
2614 Chocolate Walnut	6677 Chocolate Walnut	6000 Black
2615 Marbled Cherry	6678 Marbled Cherry	6000 Black

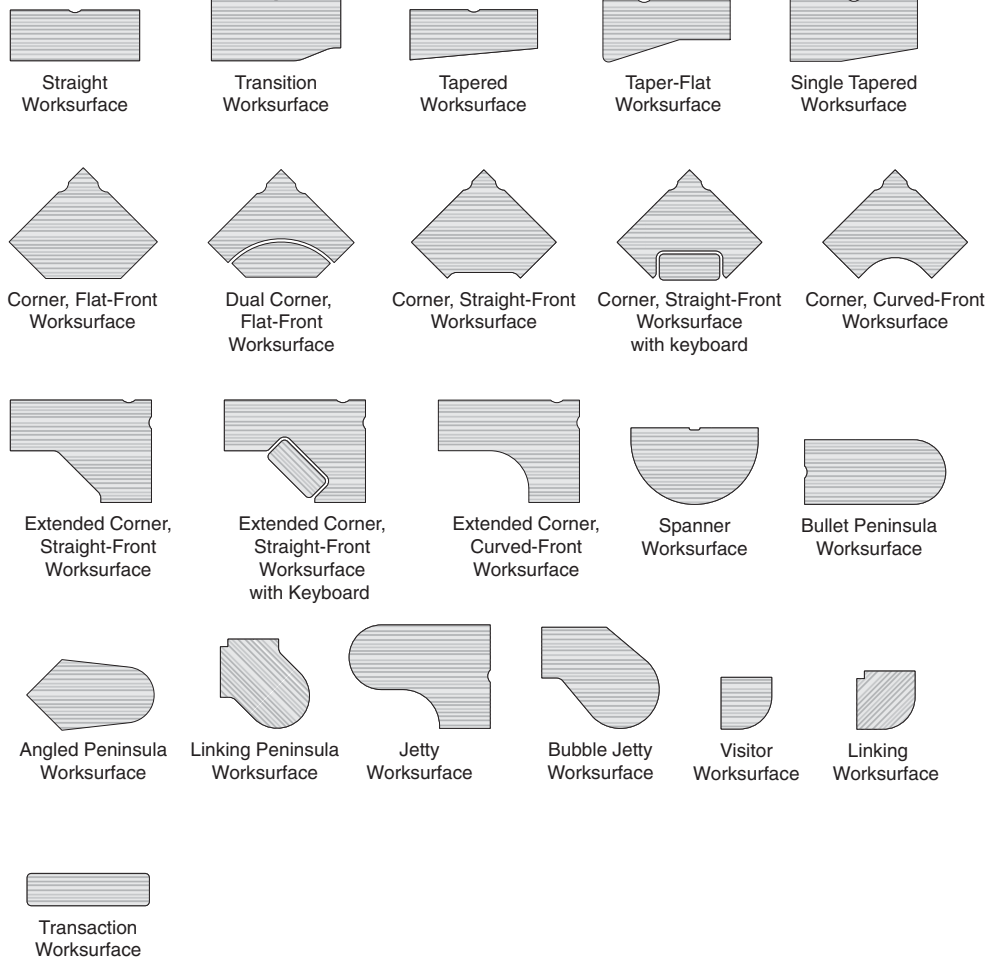
\* A selection of laminates and edge bands in this collection are available on Steelcase brand products.  
This collection is available with standard leadtimes and supported like standard laminates to help make ordering easy.

**E** = Established

# Directional Laminate Grain Directions

**Directional laminates** are standard with the grain directions shown.

## Universal Systems Worksurfaces—High-Pressure Laminate





### Universal Tables—High-Pressure Laminate



Straight  
Table



Transition  
Table



Corner, 120°  
Table



Capsule  
Table



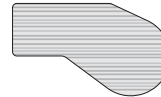
Spanner  
Table



Peninsula  
Table



Tapered Peninsula  
Table



Bubble Jetty  
Table



Round  
Table



Square  
Table



Rectangle  
Table



Oval Table



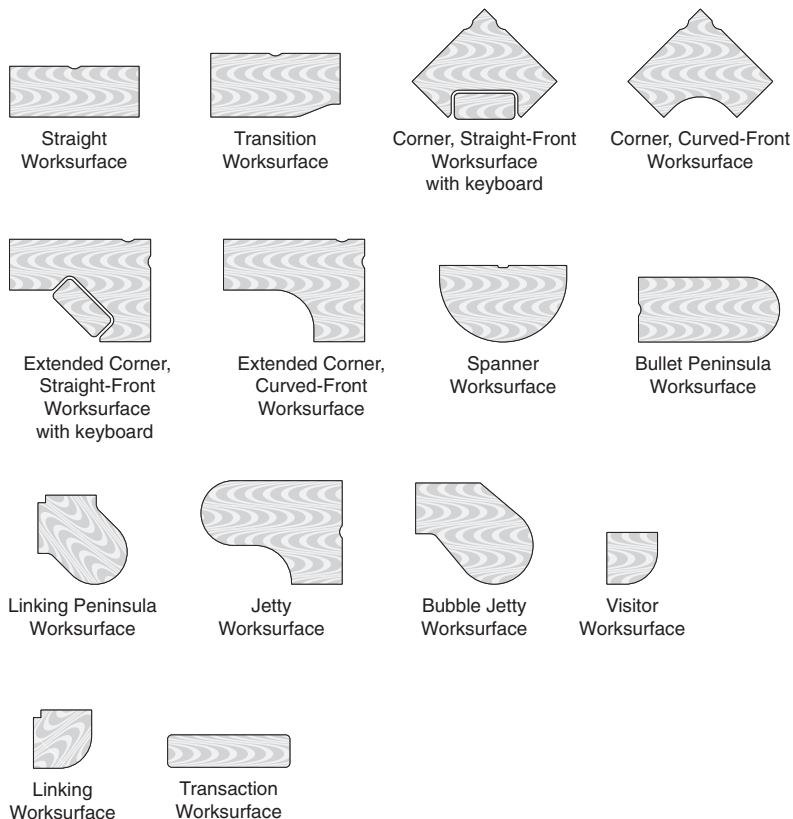
Hex Conference Table

# Wood Veneer Grain Directions

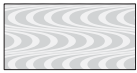
**Natural wood veneers**, unlike composite veneers, do not have mitered corner surfaces.

**The appearance of wood veneer** may change slightly depending on the angle from which it is viewed. This natural phenomenon is called polarization, and it can be seen on natural veneer, and to a lesser extent on composite veneer. Polarization is often noticed on worksurfaces installed at a 90-degree angle with each other. Please refer to the following illustrations for an understanding of grain direction on your installation.

## Universal Systems Worksurfaces—Wood Veneer



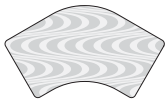
Universal Tables—Wood Veneer



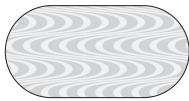
Straight  
Table



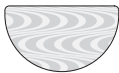
Transition  
Table



Corner, 120°  
Table



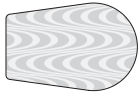
Capsule  
Table



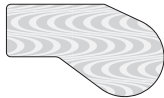
Spanner  
Table



Peninsula  
Table



Tapered Peninsula  
Table



Bubble Jetty  
Table



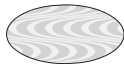
Round  
Table



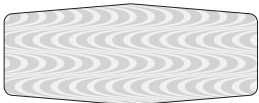
Square  
Table



Rectangle  
Table



Oval Table



Hex Conference Table

# How to Care for Laminate and Wood Surfaces

## Laminate

### Cleaning

**Wiping with a damp cloth** will remove general soiling and water-borne stains. If needed, use a hard-surface, all-purpose cleaner such as Formula 409, Fantastik, Top Job, Mr. Clean, etc. Some oil-borne stains may require the use of a dry-cleaning fluid. To fill scratches in woodgrain laminate tops, use an oak, walnut, or mahogany putty stick (available at paint supply and hardware stores).

## Wood

### Protection

**Use desk pads and coasters** to help protect the finish against dents, scratches, moisture and hot and cold liquids. Do not use desk pads that have plastic backing.

**Use felt or leather pads** on the bottoms of office equipment and accessories.

**Lift objects** when you move them, instead of pulling or pushing them across the surface, to avoid scratching the surface.

**Periodically move desk accessories and other objects** kept on the work-surface to ensure even aging.

**Avoid leaving vinyl binders on worksurface** for long periods.

**If you use a protective glass top**, insert felt pads between the glass and the worksurface, to create an air space and allow the wood to breathe.

**Keep your furniture away from direct sunlight.**

**Avoid extreme temperatures and humidity.** Maintain temperatures between 60 and 80 degrees Fahrenheit and humidity levels between 30 and 50 percent.

### Cleaning

**Keep a supply** of soft, clean, absorbent cloths handy for wiping up spills and regular dusting.

#### Dusting

Clean with a slightly damp, soft cloth, using another soft cloth to dry. Always wipe the surface in the direction of the woodgrain.

#### Cleaning

Use a quality cleaner or flax soap formulated especially for use on wood surfaces. Do not use oils or ammonia. Dilute the cleaner as directed by the manufacturer. Dampen but do not saturate a soft cloth with the diluted cleaning solution. Wipe the surface in the direction of the woodgrain to remove dirt and fingerprints. Wipe the surface clean with a soft, dry cloth.

#### Waxing

Quality spray wax may be applied sparingly twice a year. Excessive waxing may result in a wax build-up which feels sticky and attracts an unusual amount of dirt. For information about how to remove this wax, contact your facilities department or Steelcase dealer.

#### Hardware

Clean metal finishes with a non-abrasive cleaner. Apply the cleaner sparingly, making sure that it does not come into contact with the wood. Wipe the hardware dry with a clean, soft cloth.

#### Help with Repair and Maintenance

Wood is a "forgiving" material which usually can be repaired. If your worksurface is damaged, call your facilities department or Steelcase dealer.

Many Steelcase dealers offer maintenance contracts for your convenience. Contact your dealer for more information.

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# Resources

<b>Lock and Keying</b>	<b>624</b>
<b>Style Number Index</b>	<b>626</b>

# Lock and Keying Options

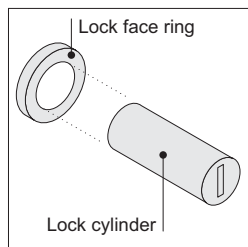
## Universal Steel Storage

### All locking products

are standard with factory-installed, keyed-random locks. Consecutive, specific, and random keying are available as field-installed options.

*Exception: Pocket doors are available keyed random only.*

*Exceptions: Individual locking drawers are available only with field-installed locks.*



**Locks** consist of a factory- or field-installed lock cylinder and a factory-installed lock face ring.

**Two types of locks** are available — the standard keying system (FR series) and the master keying system (XF series). All the locks in the XF series can be opened with a single master key.

### Factory-Installed Keying

#### Factory-installed locks

are always key random (standard) or master key random (option). Key random means that the locks will be assigned arbitrarily at the factory with key numbers ranging from FR305 to FR454 (Master keying numbers: XF1001 to XF1150). All locks within a unit will be keyed alike.

*Tip: Random keying can mean that different furniture units will have the same key number. If you must have all locks keyed differently, you should specify field-installed, key specific or key consecutive lock cylinders.*

► See below.

#### Key Random

FR305

FR421

FR305

or

XF1011

XF1042

XF1011

XF  
Master  
Key

#### Required to Specify

**Master key random**

+\$24

Specify with master key random.

### Field-Installed Keying

**Field-installed locks** are only available on products that include factory-installed lock mechanisms.

**Specify “plug”** when specifying furniture, and the product will ship with a plastic plug in place of the lock cylinder.

*Tip: For products with optional lock colors, make sure to specify the color for both the lock and lock face ring.*

**Front-removable lock cylinders** must be specified separately. You must also order a special lock tool to install or remove lock cylinders in the field.

*Tip: Lock tools are reusable. You do not need to order additional lock tools with every furniture order.*

**Lock cylinders** will be shipped separately so that you can install the locks when you are ready.

**Three keying choices** are available for field installation — random (standard), specific, and consecutive. All three are also available with master keying, which means that all locks can be opened with a single master key.

**Key random** means that the locks will be assigned arbitrarily at the factory with key numbers ranging from FR305 to FR454 (Master keying numbers: XF1001 to XF1150).

*Tip: Random keying can mean that different furniture units will have the same key number. If you must have all locks keyed differently, you should specify key specific or key consecutive lock cylinders.*

**Key specific** means that you can specify any key number from FR305 to FR454 (Master keying numbers: XF1001 to XF1150). This option can be used to key all the furniture units in a workstation or department the same.

*Tip: Designate the quantity per key number in your specification.*

► See example at right.

**Key consecutive** means that you can specify lock numbers in a consecutive order to ensure that no two locks have the same key number until the key sequence repeats. You must select a beginning key number from FR305 to FR454 (Master keying numbers: XF1001 to XF1150).

**Example** of a typical lock cylinder specification is shown below:

10	LOCK9201FR FR320
5	LOCK9201FR FR350
15	LOCK9201XF XF1100
30	Total

1	877102003SR standard lock tool
1	877102002SR master lock tool

#### Key Random

FR305

FR421

FR305

or

XF1011

XF1042

XF1011

XF  
Master  
Key

#### Key Specific

FR350

FR350

FR350

or

XF1020

XF1020

XF1020

XF  
Master  
Key

#### Key Consecutive

FR350

FR351

FR352

or

XF1020

XF1021

XF1022

XF  
Master  
Key

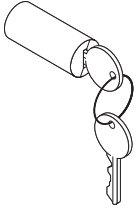


#### For Canadian Pricing

Multiply U.S. Price by the Canadian price factor.

► See page 1 for details.

## Field-Installed Lock Cylinders



Tip: Lock price is included in price of furniture with locks.

Tip: For replacement lock cylinders, refer to Service Parts.

Standard Includes	Required to Specify
-------------------	---------------------

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>Lock cylinder, keyed random: 9201 Polished Chrome or 9250 Ember Chrome</li> <li>Two keys</li> </ul> | 1 Style number<br>2 Options, if selected (see below) |
|--|--|

Options	U.S. Price	Required to Specify
---------	------------	---------------------

<b>Key specific</b>	No cost	Select key number from FR305–FR454.
<b>Key consecutive</b>	No cost	Specify <i>key consecutive</i> and must select beginning key number from FR305–FR454.
<b>Master key random</b>	+\$24 each	Specify <i>master key random</i> .
<b>Master key specific</b>	+\$24 each	Specify key number from XF1001–XF1150.
<b>Master key consecutive</b>	+\$24 each	Specify <i>master key consecutive</i> and must select beginning key number from XF1001–XF1150.

### Specification Information

Color	Style Number	U.S. Base Price

### FR Series (Standard Keying System) – Lock Cylinder

Polished Chrome	<b>LOCK9201FR</b>	No cost
Ember Chrome	<b>LOCK9250FR</b>	No cost

### Standard Lock Tool

	<b>877102003SR</b>	\$24

### XF Series (Master Keying System) – Lock Cylinder

Polished Chrome	<b>LOCK9201XF</b>	No additional cost. Price included in price of furniture with master-keyed locks.
Ember Chrome	<b>LOCK9250XF</b>	No additional cost. Price included in price of furniture with master-keyed locks.

### Master Lock Tool

	<b>877102002SR</b>	\$24

Tip: You can change lock cylinders in the field by using the appropriate lock tool.



**For Canadian Pricing**  
 Multiply U.S. Price by the Canadian price factor.  
 ▶ See page 1 for details.

# Style Number Index

Style Number	Page	Description
<b>32WCP</b>	496	Wire Guide Clip
<b>800DV12</b>	565	Dividers
<b>800DV6</b>	565	Dividers
<b>800RW</b>	565	Rail
<b>877102002SR</b>	625	Master Lock Tool
<b>877102003SR</b>	625	Standard Lock Tool
<b>98765</b>	495	Termination Plate
<b>98766</b>	495	Cable/Fiber Reel
<b>98767</b>	495	Cord Reels
<b>98768</b>	496	Cable Storage Tray
<b>98863</b>	354	Ser 9000 Dx Cable Grom
<b>999CHT</b>	496	Wire Clips
<b>ASHC1921X1</b>	461	Plastic Drawer
<b>AWAG2</b>	493	Round Grommet
<b>AWDR</b>	578	Victor2 Display
<b>AWRF254836</b>	577	Victor2 Freestanding Unit
<b>AWRF256036</b>	577	Victor2 Freestanding Unit
<b>AWRM183636</b>	574	Victor2 Mobile Unit
<b>AWTS</b>	578	Victor2 Tray Shelf
<b>AWVBC</b>	493	Power/Data Box
<b>AWVBD</b>	493	Power/Power Box
<b>AWVBP</b>	493	Data/Data Box
<b>AWVW</b>	497	Wire Manager
<b>BADJ</b>	481	Univ Tbl Adj-Hgt Leg
<b>BADJ4</b>	481	Univ Tbl Adj-Hgt Leg
<b>BADJ4C</b>	481	Univ Tbl Adj-Hgt Leg
<b>BADJ4M</b>	481	Univ Tbl Adj-Hgt Leg
<b>BADJC</b>	481	Univ Tbl Adj-Hgt Leg
<b>BB042</b>	340	Beam
<b>BB048</b>	340	Beam
<b>BB060</b>	340	Beam
<b>BB072</b>	340	Beam
<b>BB084</b>	340	Beam
<b>BB096</b>	340	Beam
<b>BB108</b>	340	Beam
<b>BB120</b>	340	Beam
<b>BCAB</b>	480	Univ Tbl Cabby Leg
<b>BCAB4</b>	480	Univ Tbl Cabby Leg
<b>BCAB4C</b>	480	Univ Tbl Cabby Leg
<b>BCAB4M</b>	480	Univ Tbl Cabby Leg
<b>BCABC</b>	480	Univ Tbl Cabby Leg
<b>BCL</b>	483	Univ Tbl Dbl Post C-Leg
<b>BDTD54MTL</b>	570	Duo Tall Storage
<b>BDTD66MTL</b>	570	Duo Tall Storage
<b>BDTD78MTL</b>	570	Duo Tall Storage
<b>BDTS54MTL</b>	570	Duo Tall Storage
<b>BDTS66MTL</b>	570	Duo Tall Storage
<b>BDTS78MTL</b>	570	Duo Tall Storage
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<b>Z2TPI24</b>	346	Power Harness	<b>ZB1R4SG</b>	349	15-Amp Receptacle
<b>Z2TPI24N</b>	346	Power Harness	<b>ZB1R4SGH</b>	349	20-Amp Duplex Rcpt
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<b>Z3BDTN</b>	347	Modular Harness	<b>ZB2BPI6</b>	344	Power Infeed
<b>Z3TPI12</b>	346	Power Harness	<b>ZB2BPISF12</b>	344	Power Infeed
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<b>ZB1BPI12</b>	344	Power Infeed	<b>ZB2BPNYN</b>	345	Power Infeed
<b>ZB1BPI6</b>	344	Power Infeed	<b>ZB2PJ12</b>	347	Modular Jumper
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<b>ZB1BPNYN</b>	345	Power Infeed	<b>ZB2PTR30</b>	343	Pass-Thru Powerkit
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<b>ZB1PTR30</b>	343	Pass-Thru Powerkit	<b>ZB2PTR48N</b>	343	Pass-Thru Powerkit
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<b>ZB1PTR36N</b>	343	Pass-Thru Powerkit	<b>ZB2PW24R</b>	348	Retrofit Powerkit
<b>ZB1PTR42</b>	343	Pass-Thru Powerkit	<b>ZB2PW24RN</b>	348	Retrofit Powerkit
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<b>ZB1R1IGH</b>	349	20-Amp Duplex Rcpt	<b>ZB2PW48R</b>	348	Retrofit Powerkit
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<b>ZFM3665DC</b>	307	E Monolithic Frame
<b>ZFM3665DCOB</b>	307	E Monolithic Frame
<b>ZFM3665OB</b>	307	E Monolithic Frame
<b>ZFM3686</b>	307	E Monolithic Frame
<b>ZFM3686DC</b>	307	E Monolithic Frame
<b>ZFM3686DCOB</b>	307	E Monolithic Frame
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<b>ZJX5588</b>	327	X-Junction
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<b>ZJX5656</b>	327	X-Junction
<b>ZJX5656W</b>	327	X-Junction
<b>ZJX5658</b>	327	X-Junction
<b>ZJX5658W</b>	327	X-Junction
<b>ZJX5668</b>	329	X-Junction
<b>ZJX5668W</b>	329	X-Junction
<b>ZJX5688</b>	328	X-Junction
<b>ZJX5688W</b>	328	X-Junction
<b>ZJX5858</b>	327	X-Junction
<b>ZJX5858W</b>	327	X-Junction
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<b>ZJX5868W</b>	328	X-Junction
<b>ZJX6664</b>	326	X-Junction
<b>ZJX6664W</b>	326	X-Junction
<b>ZJX6665</b>	326	X-Junction
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<b>ZJX6666W</b>	326	X-Junction
<b>ZJX6668</b>	327	X-Junction
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<b>ZJX6688</b>	327	X-Junction
<b>ZJX6688W</b>	327	X-Junction
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<b>ZJX8884</b>	326	X-Junction
<b>ZJX8884W</b>	326	X-Junction
<b>ZJX8885</b>	326	X-Junction
<b>ZJX8885W</b>	326	X-Junction
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<b>ZJY555</b>	330	Y-Junction
<b>ZJY556</b>	330	Y-Junction
<b>ZJY558</b>	330	Y-Junction
<b>ZJY566</b>	330	Y-Junction
<b>ZJY568</b>	331	Y-Junction
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<b>ZJY885</b>	330	Y-Junction
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<b>ZPBC42B</b>	351	Powerkit Base Cvr
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<b>ZPBCJ24B</b>	351	Powerkit Base Cvr
<b>ZPBCJ30B</b>	351	Powerkit Base Cvr
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<b>ZPD3678R</b>	319	Pocket Door
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<b>ZPDD48168</b>	320	Pocket Door
<b>ZPDG3620</b>	373	Pocket Door Glass Tile Pkg
<b>ZPDG4220</b>	373	Pocket Door Glass Tile Pkg
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<b>ZPP61</b>	346	Pwr & Cable Pole	<b>ZTAM3050</b>	358	E Mono Tack Acst Tile
<b>ZSEAL07</b>	584	Vertical Slot Cover	<b>ZTAM3060</b>	358	E Mono Tack Acst Tile
<b>ZSEAL10</b>	309	Vertical Slot Cover	<b>ZTAM3081</b>	358	E Mono Tack Acst Tile
<b>ZSEAL13</b>	309	Vertical Slot Cover	<b>ZTAM3633</b>	358	E Mono Tack Acst Tile
<b>ZSEAL20</b>	309	Vertical Slot Cover	<b>ZTAM3640</b>	358	E Mono Tack Acst Tile
<b>ZSEAL20DC</b>	309	Vertical Slot Cover	<b>ZTAM3650</b>	358	E Mono Tack Acst Tile
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<b>ZSWE1810</b>	371	E Slatwall Tile	<b>ZTAM3681</b>	358	E Mono Tack Acst Tile
<b>ZSWE1813</b>	371	E Slatwall Tile	<b>ZTAM4233</b>	358	E Mono Tack Acst Tile
<b>ZSWE1820</b>	371	E Slatwall Tile	<b>ZTAM4240</b>	358	E Mono Tack Acst Tile
<b>ZSWE2406</b>	371	E Slatwall Tile	<b>ZTAM4250</b>	358	E Mono Tack Acst Tile
<b>ZSWE2410</b>	371	E Slatwall Tile	<b>ZTAM4260</b>	358	E Mono Tack Acst Tile
<b>ZSWE2413</b>	371	E Slatwall Tile	<b>ZTAM4281</b>	358	E Mono Tack Acst Tile
<b>ZSWE2420</b>	371	E Slatwall Tile	<b>ZTAM4833</b>	358	E Mono Tack Acst Tile
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<b>ZSWE3010</b>	371	E Slatwall Tile	<b>ZTAM4850</b>	358	E Mono Tack Acst Tile
<b>ZSWE3013</b>	371	E Slatwall Tile	<b>ZTAM4860</b>	358	E Mono Tack Acst Tile
<b>ZSWE3020</b>	371	E Slatwall Tile	<b>ZTAM4881</b>	358	E Mono Tack Acst Tile
<b>ZSWE3606</b>	371	E Slatwall Tile	<b>ZTC102</b>	334	Extended Steel Top Cap
<b>ZSWE3610</b>	371	E Slatwall Tile	<b>ZTC108</b>	334	Extended Steel Top Cap
<b>ZSWE3613</b>	371	E Slatwall Tile	<b>ZTC18W</b>	335	Wood Top Cap
<b>ZSWE3620</b>	371	E Slatwall Tile	<b>ZTC24W</b>	335	Wood Top Cap
<b>ZSWE4206</b>	371	E Slatwall Tile	<b>ZTC30W</b>	335	Wood Top Cap
<b>ZSWE4210</b>	371	E Slatwall Tile	<b>ZTC36W</b>	335	Wood Top Cap
<b>ZSWE4213</b>	371	E Slatwall Tile	<b>ZTC42W</b>	335	Wood Top Cap
<b>ZSWE4220</b>	371	E Slatwall Tile	<b>ZTC48W</b>	335	Wood Top Cap
<b>ZSWE4806</b>	371	E Slatwall Tile	<b>ZTC54</b>	334	Extended Steel Top Cap
<b>ZSWE4810</b>	371	E Slatwall Tile	<b>ZTC60</b>	334	Extended Steel Top Cap
<b>ZSWE4813</b>	371	E Slatwall Tile	<b>ZTC66</b>	334	Extended Steel Top Cap
<b>ZSWE4820</b>	371	E Slatwall Tile	<b>ZTC72</b>	334	Extended Steel Top Cap
<b>ZTAE1810</b>	364	E Tack Acst Tile	<b>ZTC78</b>	334	Extended Steel Top Cap
<b>ZTAE1813</b>	364	E Tack Acst Tile	<b>ZTC84</b>	334	Extended Steel Top Cap
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<b>ZTAE3013</b>	364	E Tack Acst Tile	<b>ZTDE2420</b>	367	E Non-Tack Tile
<b>ZTAE3020</b>	364	E Tack Acst Tile	<b>ZTDE3020</b>	367	E Non-Tack Tile
<b>ZTAE3610</b>	364	E Tack Acst Tile	<b>ZTDE3620</b>	367	E Non-Tack Tile
<b>ZTAE3613</b>	364	E Tack Acst Tile	<b>ZTDE4220</b>	367	E Non-Tack Tile
<b>ZTAE3620</b>	364	E Tack Acst Tile	<b>ZTDE4820</b>	367	E Non-Tack Tile
<b>ZTAE4210</b>	364	E Tack Acst Tile	<b>ZTFE1820</b>	367	E Non-Tack Tile
<b>ZTAE4213</b>	364	E Tack Acst Tile	<b>ZTFE2420</b>	367	E Non-Tack Tile
<b>ZTAE4220</b>	364	E Tack Acst Tile	<b>ZTFE3020</b>	367	E Non-Tack Tile
<b>ZTAE4810</b>	364	E Tack Acst Tile	<b>ZTFE3620</b>	367	E Non-Tack Tile
<b>ZTAE4813</b>	364	E Tack Acst Tile	<b>ZTFE4220</b>	367	E Non-Tack Tile
<b>ZTAE4820</b>	364	E Tack Acst Tile	<b>ZTFE4820</b>	367	E Non-Tack Tile
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<b>ZTAM2440</b>	358	E Mono Tack Acst Tile	<b>ZTGE1820</b>	372	E Glass Tile Pkg
<b>ZTAM2450</b>	358	E Mono Tack Acst Tile	<b>ZTGE2410</b>	372	E Glass Tile Pkg
<b>ZTAM2460</b>	358	E Mono Tack Acst Tile	<b>ZTGE2420</b>	372	E Glass Tile Pkg
<b>ZTAM2481</b>	358	E Mono Tack Acst Tile	<b>ZTGE3010</b>	372	E Glass Tile Pkg
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<b>ZTGE4210</b>	372	E Glass Tile Pkg
<b>ZTGE4220</b>	372	E Glass Tile Pkg
<b>ZTGE4810</b>	372	E Glass Tile Pkg
<b>ZTGE4820</b>	372	E Glass Tile Pkg
<b>ZTHE1810</b>	364	E HP Acst Tile
<b>ZTHE1813</b>	364	E HP Acst Tile
<b>ZTHE1820</b>	364	E HP Acst Tile
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<b>ZTHE2413</b>	364	E HP Acst Tile
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<b>ZTHE3010</b>	364	E HP Acst Tile
<b>ZTHE3013</b>	364	E HP Acst Tile
<b>ZTHE3020</b>	364	E HP Acst Tile
<b>ZTHE3610</b>	364	E HP Acst Tile
<b>ZTHE3613</b>	364	E HP Acst Tile
<b>ZTHE3620</b>	364	E HP Acst Tile
<b>ZTHE4210</b>	364	E HP Acst Tile
<b>ZTHE4213</b>	364	E HP Acst Tile
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<b>ZTHE4810</b>	364	E HP Acst Tile
<b>ZTHE4813</b>	364	E HP Acst Tile
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<b>ZTHM2433</b>	359	E Mono HP Acst Tile
<b>ZTHM2440</b>	359	E Mono HP Acst Tile
<b>ZTHM2450</b>	359	E Mono HP Acst Tile
<b>ZTHM2460</b>	359	E Mono HP Acst Tile
<b>ZTHM2481</b>	359	E Mono HP Acst Tile
<b>ZTHM3033</b>	359	E Mono HP Acst Tile
<b>ZTHM3040</b>	359	E Mono HP Acst Tile
<b>ZTHM3050</b>	359	E Mono HP Acst Tile
<b>ZTHM3060</b>	359	E Mono HP Acst Tile
<b>ZTHM3081</b>	359	E Mono HP Acst Tile
<b>ZTHM3633</b>	359	E Mono HP Acst Tile
<b>ZTHM3640</b>	359	E Mono HP Acst Tile
<b>ZTHM3650</b>	359	E Mono HP Acst Tile
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<b>ZTHM4833</b>	359	E Mono HP Acst Tile
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<b>ZTME2410</b>	370	Enhanced Markerboard Tile
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<b>ZTME3010</b>	370	Enhanced Markerboard Tile
<b>ZTME3020</b>	370	Enhanced Markerboard Tile
<b>ZTME3610</b>	370	Enhanced Markerboard Tile
<b>ZTME3620</b>	370	Enhanced Markerboard Tile
<b>ZTME4210</b>	370	Enhanced Markerboard Tile
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<b>ZTSE3007</b>	581	Enhanced Laminate Tile
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<b>ZTSE4806</b>	367	E Non-Tack Tile
<b>ZTSE4807</b>	581	Enhanced Laminate Tile
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<b>ZTWE1813</b>	369	Enhanced Wood Tile
<b>ZTWE1820</b>	369	Enhanced Wood Tile
<b>ZTWE2410</b>	369	Enhanced Wood Tile
<b>ZTWE2413</b>	369	Enhanced Wood Tile
<b>ZTWE2420</b>	369	Enhanced Wood Tile
<b>ZTWE3010</b>	369	Enhanced Wood Tile
<b>ZTWE3013</b>	369	Enhanced Wood Tile
<b>ZTWE3020</b>	369	Enhanced Wood Tile
<b>ZTWE3610</b>	369	Enhanced Wood Tile
<b>ZTWE3613</b>	369	Enhanced Wood Tile
<b>ZTWE3620</b>	369	Enhanced Wood Tile
<b>ZTWE4210</b>	369	Enhanced Wood Tile
<b>ZTWE4213</b>	369	Enhanced Wood Tile
<b>ZTWE4220</b>	369	Enhanced Wood Tile
<b>ZTWE4810</b>	369	Enhanced Wood Tile
<b>ZTWE4813</b>	369	Enhanced Wood Tile
<b>ZTWE4820</b>	369	Enhanced Wood Tile
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<b>ZTWM1840</b>	360	Enhanced Monolithic Wood Tile
<b>ZTWM1840H</b>	362	Enhanced Monolithic Wood Tile
<b>ZTWM1850</b>	360	Enhanced Monolithic Wood Tile
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<b>ZTWM1860</b>	361	Enhanced Monolithic Wood Tile
<b>ZTWM1860H</b>	363	Enhanced Monolithic Wood Tile
<b>ZTWM1881</b>	361	Enhanced Monolithic Wood Tile
<b>ZTWM1881H</b>	363	Enhanced Monolithic Wood Tile
<b>ZTWM2433</b>	360	Enhanced Monolithic Wood Tile
<b>ZTWM2433H</b>	362	Enhanced Monolithic Wood Tile
<b>ZTWM2440</b>	360	Enhanced Monolithic Wood Tile
<b>ZTWM2440H</b>	362	Enhanced Monolithic Wood Tile
<b>ZTWM2450</b>	360	Enhanced Monolithic Wood Tile
<b>ZTWM2450H</b>	362	Enhanced Monolithic Wood Tile
<b>ZTWM2460</b>	361	Enhanced Monolithic Wood Tile
<b>ZTWM2460H</b>	363	Enhanced Monolithic Wood Tile
<b>ZTWM2481</b>	361	Enhanced Monolithic Wood Tile
<b>ZTWM2481H</b>	363	Enhanced Monolithic Wood Tile
<b>ZTWM3033</b>	360	Enhanced Monolithic Wood Tile
<b>ZTWM3033H</b>	362	Enhanced Monolithic Wood Tile

Style Number	Page	Description
<b>ZTWM3040</b>	360	Enhanced Monolithic Wood Tile
<b>ZTWM3040H</b>	362	Enhanced Monolithic Wood Tile
<b>ZTWM3050</b>	360	Enhanced Monolithic Wood Tile
<b>ZTWM3050H</b>	362	Enhanced Monolithic Wood Tile
<b>ZTWM3060</b>	361	Enhanced Monolithic Wood Tile
<b>ZTWM3060H</b>	363	Enhanced Monolithic Wood Tile
<b>ZTWM3081</b>	361	Enhanced Monolithic Wood Tile
<b>ZTWM3081H</b>	363	Enhanced Monolithic Wood Tile
<b>ZTWM3633</b>	360	Enhanced Monolithic Wood Tile
<b>ZTWM3633H</b>	362	Enhanced Monolithic Wood Tile
<b>ZTWM3640</b>	360	Enhanced Monolithic Wood Tile
<b>ZTWM3640H</b>	362	Enhanced Monolithic Wood Tile
<b>ZTWM3650</b>	360	Enhanced Monolithic Wood Tile
<b>ZTWM3650H</b>	362	Enhanced Monolithic Wood Tile
<b>ZTWM3660</b>	361	Enhanced Monolithic Wood Tile
<b>ZTWM3660H</b>	363	Enhanced Monolithic Wood Tile
<b>ZTWM3681</b>	361	Enhanced Monolithic Wood Tile
<b>ZTWM3681H</b>	363	Enhanced Monolithic Wood Tile
<b>ZTWM4233</b>	360	Enhanced Monolithic Wood Tile
<b>ZTWM4233H</b>	362	Enhanced Monolithic Wood Tile
<b>ZTWM4240</b>	360	Enhanced Monolithic Wood Tile
<b>ZTWM4240H</b>	362	Enhanced Monolithic Wood Tile
<b>ZTWM4250</b>	360	Enhanced Monolithic Wood Tile
<b>ZTWM4250H</b>	362	Enhanced Monolithic Wood Tile
<b>ZTWM4260</b>	361	Enhanced Monolithic Wood Tile
<b>ZTWM4260H</b>	363	Enhanced Monolithic Wood Tile
<b>ZTWM4281</b>	361	Enhanced Monolithic Wood Tile
<b>ZTWM4281H</b>	363	Enhanced Monolithic Wood Tile
<b>ZTWM4833</b>	360	Enhanced Monolithic Wood Tile
<b>ZTWM4833H</b>	362	Enhanced Monolithic Wood Tile
<b>ZTWM4840</b>	360	Enhanced Monolithic Wood Tile
<b>ZTWM4840H</b>	362	Enhanced Monolithic Wood Tile
<b>ZTWM4850</b>	360	Enhanced Monolithic Wood Tile
<b>ZTWM4850H</b>	362	Enhanced Monolithic Wood Tile
<b>ZTWM4860</b>	361	Enhanced Monolithic Wood Tile
<b>ZTWM4860H</b>	363	Enhanced Monolithic Wood Tile
<b>ZTWM4881</b>	361	Enhanced Monolithic Wood Tile
<b>ZTWM4881H</b>	363	Enhanced Monolithic Wood Tile
<b>ZUCANT</b>	434	UN Sys On-Module Cantilever
<b>ZWCB</b>	435	Corner Worksurface Bracket
<b>ZWM13</b>	601	Vertical Wire Mgr
<b>ZWM20</b>	601	Vertical Wire Mgr
<b>ZWS86</b>	337	Wall-Attach Brkt



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