

Allsteel®



Beyond®  
Technical Guide



# Table of Contents

**04** Beyond

**06** Design Guide

## **Technical Guide**

**14** Product Details

**20** Features

**38** Technical

## BEYOND

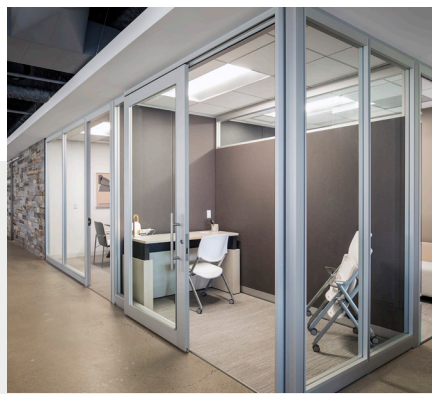
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Beyond glass movable walls offer built-in flexibility that responds to the constant rhythm of business change. With efficient functionality and a large selection of aesthetic choices, you can move beyond permanent drywall solutions and create dynamic spaces filled with natural light that are reconfigurable to easily manage whatever change the future brings.



### FRAMELESS

In business environments that are constantly changing, imagine walls that are only as permanent as you need them to be. The simple, efficient design and built-in flexibility of Beyond frameless glass movable walls allow you to install them easily, then quickly redesign your space when needs change. So it's possible to reconfigure, repurpose, and relocate walls to support whatever the future brings.




### FRAMED

The efficient functionality of Beyond framed glass movable walls offers built-in flexibility that responds to the constant rhythm of business change. With a large selection of aesthetic choices, you can move beyond permanent drywall solutions and rigid space planning. You can create spaces filled with natural light, and you're free to reconfigure and relocate walls to easily manage whatever change the future brings.



### SOLID

The simple design and built-in flexibility of Beyond solid movable walls respond to today's workplace needs and tomorrow's possibilities. Now you're free to imagine spaces that fit your aesthetic and follow your direction. Move beyond permanent construction solutions and rigid space planning to create flexible workspaces that are ready to reconfigure for future change.

A modern office interior with a desk, chair, and large windows. The scene is brightly lit, suggesting a sunny day. The desk is a light-colored wood with a white metal frame. A white chair with wooden legs is positioned in front of the desk. On the desk, there is a laptop, a white mug, and a small brown box. A large window in the background shows a blurred cityscape. The overall aesthetic is clean and minimalist.

Tomorrow will bring  
new ways to work  
and companies must  
be ready to adapt.

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Work Inspired.

Return to privacy



54#  
times two

What would you trade to have a door?"



GREEN STUDIOS





# A New Approach

to walls

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## WITH BEYOND, CHANGE IS EASY.

Choosing Beyond signals a change in direction, creating transparency between management and teams. It signals a change in spirit, through inspiring spaces filled with natural light and connected to the open plan. And when physical moves are required, no frameless glass walls are more responsive.

### BEAUTIFUL AESTHETIC

Designing with Beyond walls rather than drywall maintains access to natural light and a connection to team members. Vertical fillers between glass panels form a tight seal that eliminates the need for caulking, and trim is placed over the base channel for a flush finish.

### UNITIZED PANELS

Beyond panels arrive unitized from the factory, installed with ceiling brackets, leveling mechanisms, and base channel

### PRIVACY TILE SYSTEM

Perforations in frameless glass allow you to hang movable components from the glass for maximum functionality and versatility. Tiles and accessories allow for many configurations, offering the ability to customize the amount of privacy to create a unique aesthetic.

### RELOCATE

If you move to a different floor, Beyond can relocate just as easily. Unlike drywall construction, you can take it with you.

### RECONFIGURE

Beyond glass panels install and move independently, so they are easy to reposition without having to take down the entire wall.

### REPURPOSE

With Beyond's exclusive perforated glass and privacy tile system, you can hang changeable components directly on the glass to accommodate different needs.





Today, you need a  
conference room.



# Create

## Inspiring Spaces

Beyond movable walls come together to create a private office and adjacent team conference room along the wall of an open plan, keeping everyone visually connected while offering necessary acoustic privacy.



Typical ID: APP-11C

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Sliding glass doors can be mounted inside or outside the wall.

Panel options include STC ratings up to 44" and solid walls offer acoustic privacy where needed, while providing more flexibility than drywall.

Our patented scissor-lift leveling mechanism is contained within the base channel for easy adjustment during installation.

Base and ceiling trim are available in 10-foot lengths with anodized aluminum or painted finishes.



Next year, you need  
more private offices.

# Reconfigure

With Ease

When you need to reorganize or add private offices, *Beyond* quickly accommodates. An existing in-line configuration can be converted to a three-way connection without disturbing the overall footprint.



Typical ID: APP-11B

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The ceiling channel connects into the ceiling grid or drywall using non-defacing ceiling-channel mounting clips.

Panels are modular and non-progressive, so you can remove one panel, change the vertical filler or zipper, and then reinstall more panels without adding dimension to the run.

Solid panels, available in veneer, laminate, fabric, and glass marker board, can be used as demising walls between offices, adding privacy and functionality to the space.

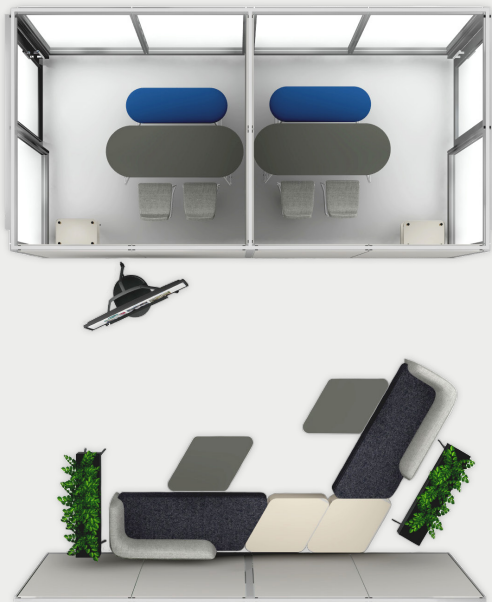


Business changes  
again. Beyond is ready.

# Repurpose

Quickly

Keep the footprint intact and simply repurpose the space by changing components that hang from the glass or panels. Replace veneer tiles with marker board tiles and add collaborative furniture to transform private offices into team spaces.



Typical ID: APP-11D

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Choose from sliding doors, center-swing doors, or hinged doors available in glass, veneer, painted wood, or laminate.

Power receptacles can be added to the base to keep offices up and running.

Beyond glass panels are available with tempered or laminated glass and clear, low-iron, or translucent white finishes.

## Product Details

Beyond glass panels offer a beautiful aesthetic along with design flexibility for easy installation.



## UNITIZED PANEL CONSTRUCTION

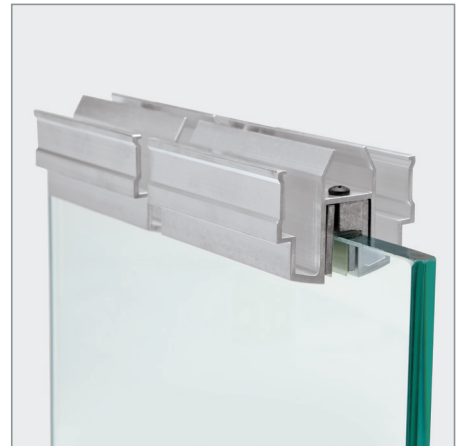
Glass panels ship unitized from the factory with ceiling channel brackets, base channel, and integrated leveling mechanisms attached for ease and speed of installation.

Multiple ceiling mounting clips are available for different connection types.

## SCISSOR-LIFT LEVELING MECHANISM

Our exclusive, patented scissor-lift leveling mechanism is integrated within the base channel for easy adjustment during installation. Leveling capability within the base is  $\pm 3/4"$  ( $1/2"$  travel range) and allows for  $\pm 3/4"$  float in the ceiling channel.

With frameless glass, the scissor-lift mechanism connects the glass to the floor channel. Glass panels level independently from the base trim and allow base trim to remain flush with the floor for a clean aesthetic.







## PANEL FRAME

### FRAMELESS

#### Standard Trim

Ceiling trim connects to ceiling brackets and glass panels level within the base channel, allowing base trim to remain flush with the floor and creating an overall clean aesthetic.

Base and ceiling trim are available in 120" lengths with anodized aluminum or painted finish options. Pre-mitered trim is available for inside and outside 90 degree corners in 24" and 96" lengths to increase speed of installation.

- Base trim: 3 11/16"H
- Base trim adjustment range: +/- 3/4"
- Ceiling trim: 2 11/16"H

#### Low-Profile Trim

Low-profile trim is available in 120" lengths and its non-telescoping design maintains a consistent reveal along the floor. Pre-mitered trim is available for inside and outside 90 degree corners in 24" and 96" lengths to increase speed of installation.

- Low profile base trim: 2 1/2"H
- Adjustment range: +/- 1/4"

Power is available in the base trim, with one receptacle or two receptacles side by side.



## CEILING INTEGRATION

Today's business environments require the ability to adapt to change quickly with minimal disruption. With Beyond, you can create dynamic spaces that are freestanding or integrated with ceilings while accommodating future change.

Ceilings attach above the walls, offering additional flexibility to move and add components when future change occurs. Ceilings may be integrated with Beyond framed glass and solid wall heights up to 10 feet, and the maximum room size for freestanding applications in one direction is 15 feet.

For ceiling integration, Allsteel only provides the cornice cap, support brackets, and the flush mounted ceiling trim for flush ceiling applications. All other components are supplied by others and Beyond Engineering should be consulted for additional specification assistance.



### FLUSH

- Flush mounted trim aligns the ceiling cloud trim with walls
- 7"H x 120"W
- Available in anodized or painted aluminum finishes



### OVERHANG

- Ceiling extends beyond walls up to 10 inches
- Creates a traditional ceiling aesthetic
- Available in anodized and painted aluminum finishes



### BEYOND PAVILION

- Walls stand independently from the ceiling without disrupting building structure
- Requires a 12" top clearance
- Maximum room size is 15 ft x 15 ft



INNOVATING

Gunlocke

To

Allste

Features

Beyond walls are designed to provide unlimited possibilities for creating spaces.



## GLASS

Types:

Laminated, Clear

Laminated, Low Iron

Laminated, High Acoustic

Tempered, Clear

Tempered, Low Iron

Translucent

Marker Board

## FRAMELESS

### Glass Specifications

- 1/2" thick
- Heights from 7'2"H to 10'H
- Widths from 8"H to 48"H
- 1/4" increments

### Glass Types

- Laminated glass with high acoustic interlayer
  - Not tested
- Laminated glass
  - STC 26: frameless glass assembly
- Tempered glass
  - STC 34: frameless glass assembly

## FRAMED AND SOLID

### Panel Specifications

- Heights from 7'2" to 10', monolithic panels
- Heights from 8' to 10', segmented frames
- Widths from 8" to 60"
- 1/4" increments
- Integrate with Beyond solid walls

- 3/8" tempered glass
  - STC 31: framed glass assembly
- 1/4" tempered glass
  - STC 27: framed glass assembly

### Glass Types

- 3/8" laminated glass
  - STC 34: framed glass assembly
- 1/4" laminated glass
  - STC 32: framed glass assembly

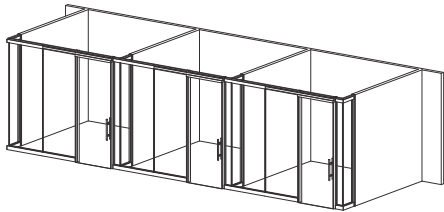
### Glass Finishes

- Standard clear
- Low-iron
- Translucent white (laminated only)
- White marker board (laminated only)
- Back-painted glass marker board

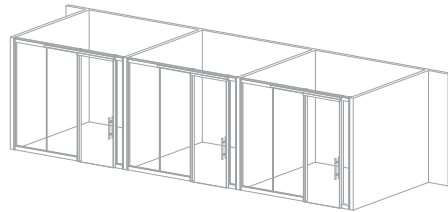
# Features

## OFFICE FRONT GLASS

**Continuous glass**



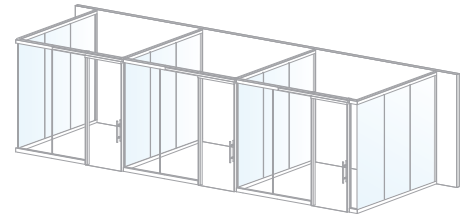
**Drywall interface**



### **3-Sided Glass**

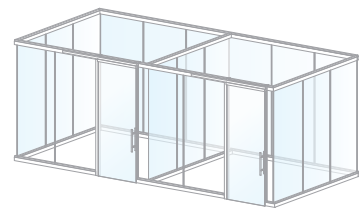
Glass or solid panels come together to create private offices and adjacent team meeting rooms along the perimeter of the floorplan, keeping everyone visually connected while providing acoustic privacy.

Drywall end caps may be used to create "T" or 90 degree connections between a drywall demising wall and storefront glass; and small set-back glass panels tie into the drywall, creating an office sidelight and a continuous run of glass.



### **4-Sided Glass**

Beyond glass walls allow you to define collaborative spaces that are centralized within the floorplan to maintain access to natural light throughout the office. If you move to a different floor, Beyond can relocate just as easily. Unlike drywall construction, you can take it with you.





#### **DRYWALL INTERFACE**

Glass walls connect between drywall to create glass-front spaces.



#### **DRYWALL END CAPS**

Drywall end caps finish off the end of the drywall to provide a continuous run.



#### **SIDELIGHT**

Glass set-back feature creates a sidelight on the demising wall.



#### **SOLID WALL INTERFACE**

Tee posts connect framed glass walls to solid walls in fully movable applications.

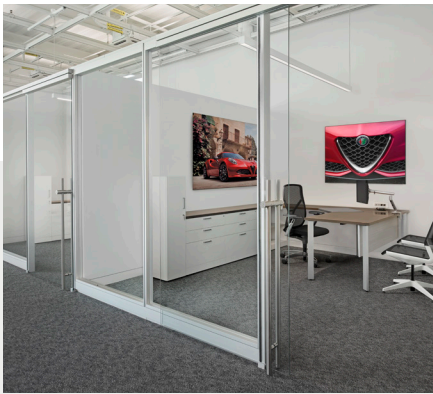
# Features

## DOORS

Beyond doors work with all Beyond wall components - frameless, framed, and solid. Choose from sliding, hinged, and pivot doors available in heights up to 10 feet in 1/4" increments (unless otherwise noted).

There are two ways to lock a door-- lock into frame or lock into floor with ladder pulls

*Full strike options available with locking door*



### FRAMELESS GLASS

- 3/8" thick glass
- Tempered glass
  - Clear
  - Low-iron



### ALUMINUM FRAMED GLASS

- 1/4" or 3/8" thick glass
- Tempered glass
  - Clear
  - Low-iron
- Laminated glass
  - Clear
  - Low-iron
  - Translucent white
  - High acoustic interlayer
- Anodized or painted aluminum trim



### WOOD

- Veneer
- Laminate
- Painted wood
- Anodized or painted aluminum trim





# Features

## SLIDING DOORS

Smooth-gliding, non-handed sliding doors make efficient use of tight spaces and can be mounted to the exterior or interior of a room. Double sliding doors are available for larger spaces and optional slow close/slow open door track ensures soft closures and openings throughout the day.



Sliding door track available with or without slow-close/slow-open feature. Door pulls available in 18" high round pull and 60" and 72" high ladder pulls. Ladder pulls available in both locking and passage options. Custom hardware can also be accommodated.

### Standard Sliding Doors

- Doors and door frames are non-handed
- Single and double doors available
- Standard or slow close/slow open door track options
- Passage and locking ladder pull options
- Available for use with all Beyond wall types

### 7'H Doors with Transom

- Doors and door frames are non-handed
- Single doors available in 42" or 48" widths, 7' high
- Standard or slow close/slow open door track options
- Passage and locking ladder pull options
- Available for use with Beyond framed glass and solid walls
- Requires integrated rail clerestory option

### Full Strike Sliding Doors

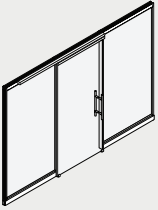
- Doors are non-handed
- Door frames are handed
- Single doors available in 42" or 48" widths
- Standard or slow close/slow open door track options
- Passage and locking pull options available
- Two locking options
  - Locking ladder pull
  - Full strike
- Available for use with all Beyond wall types

### Doors with Footers

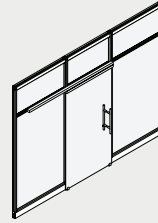
- Adjustable footer available with single sliding doors
- Provides +/- 1/2" adjustment between door and floor

Frameless Glass

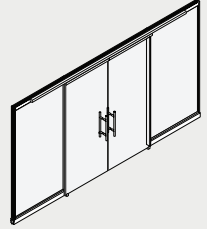
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Sliding Frameless Glass\*



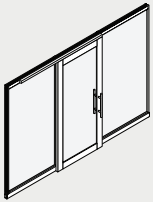
Sliding Frameless Glass, Single with Transom



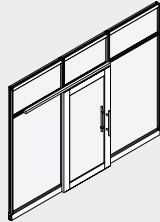
Sliding Frameless Glass, Double

Aluminum Framed

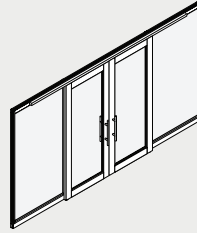
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Sliding Aluminum Framed\*\*



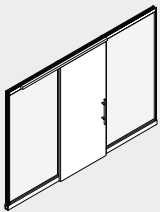
Sliding Aluminum Framed with Clerestory



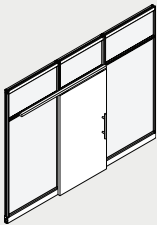
Sliding Aluminum Framed, Double

Wood

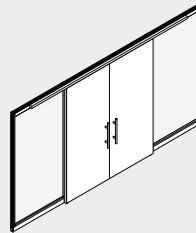
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Sliding Wood\*\*



Sliding Solid, Single with Transom



Sliding Wood, Double

# Features

## BEYOND SWING DOORS

Beyond swing doors use two main mechanisms - center swing pivot and hinge, offering greater flexibility for space planning and privacy.



### Pivot Aluminum Framed and Wood Doors

- Single doors are non-handed and double doors are handed.
- Single and double door options.
- Door frames are available in partial strike (non-handed) and full strike (handed).
- Aluminum framed door base rail available in 5" and 10" heights.
- Available for use with all Beyond wall types.

### Pivot Frameless Glass Doors

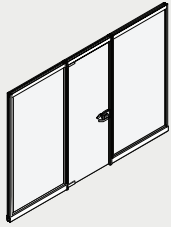
- Doors and door frames are non-handed.
- Single door option available with a 39" door module.
- Door frames are available in partial strike.
- Available for use with all Beyond wall types.

## Frameless Glass

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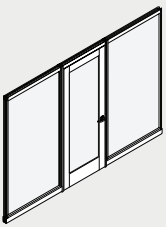
Partial Strike Pivot  
Frameless Glass



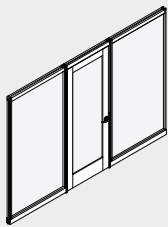
Partial Strike Pivot  
Frameless Glass with  
SFIC

## Aluminum Glass

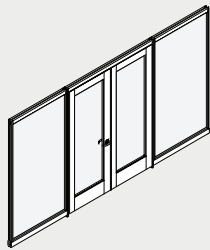
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Partial Strike Pivot  
Aluminum Framed



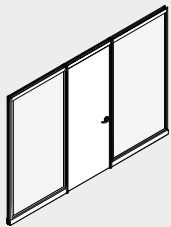
Full Strike Pivot  
Aluminum Framed



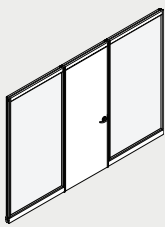
Full Strike Pivot  
Aluminum Framed,  
Double

## Wood

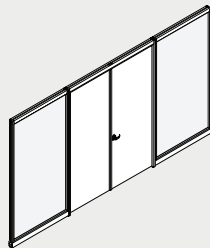
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Partial Strike Pivot  
Wood



Full Strike Pivot  
Wood



Full Strike Pivot  
Wood, Double

# Features

## BEYOND HINGED DOORS

Beyond hinged frameless glass doors provide a clean, full glass door solution with built-in hinge closer to allow for use with ladder pull hardware. Hinged aluminum framed and wood doors offer the most acoustic door options, providing a full strike seal around the top and sides of the door. Optional drop seals can be specified to seal the entire perimeter for maximum acoustics.



Hinged doors and door frames are handed.

### Hinged Frameless Glass Doors

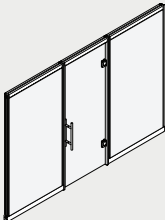
- Doors and door frames are non-handed.
- Available in single and double door options.
- Hydraulic hinges provide a self-closing mechanism that offers adjustable closing speeds.
- Hinge detents hold door open at 90 degrees.
- An optional strike bracket can be installed to prevent outward or inward swing of the door.
- Utilize ladder pull options for door hardware.
- Available for use with all Beyond wall types.

### Hinged Aluminum Framed and Wood Doors

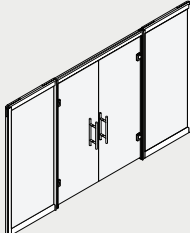
- Doors and door frames are handed.
- Available in single and double door options.
- Door is sealed on three sides with an optional drop seal to seal the fourth side.
- Aluminum framed door base rail available in 5" and 10" heights.
- Available for use with all Beyond wall types.

Frameless Glass

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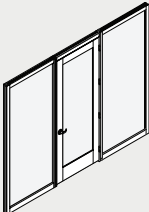
Hinged Frameless Glass



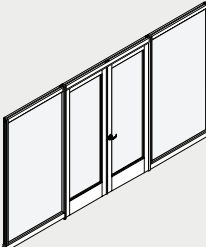
Hinged Frameless Glass Double

Aluminum Framed

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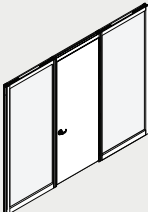
Full Strike Hinged Aluminum Framed



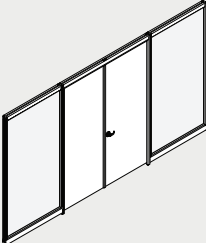
Full Strike Hinged Aluminum Framed, Double

Wood

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Full Strike Hinged Wood



Full Strike Hinged Wood, Double

# Features

## DOOR HARDWARE



### Swing Door Hardware

- Locking Lever (SFIC)
- Non-Locking Lever
- Pulls on Frameless hinged
- Pulls on Pivot with Magnetic Catch

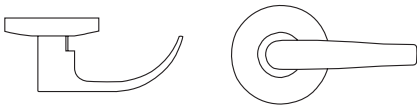


### Sliding Door Hardware

- 12" Ladder Pull, Non-Locking or locking with patch lock
- 20" Ladder Pull, Non-locking or locking with patch lock
- 60" Ladder Pull, Non-locking or locking into floor or patch lock
- 72" Ladder Pull, Non-Locking or locking into floor or patch lock

## WOOD AND ALUMINUM FRAMED DOOR LEVER

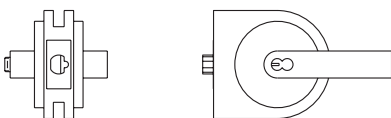
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- Door lever option for the following door types:
  - Wood center pivot and hinged doors
  - Aluminum framed center pivot and hinged doors
- Locking option provides door security:
  - Locks with deadbolt and turn/push button
- Non-IC 5-pin core
- Random keying
- SFIC and other core types available upon request
- Matte silver finish

## SFIC GLASS PIVOT DOOR LEVER

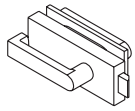
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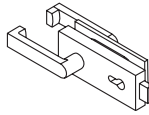
- Door lever option for partial strike glass plate center-pivot doors
- Door lever is non-handed
- Low-profile body design
- Locking option provides door security
- Locks with 7-pin SFIC push button lock
- Master keys available upon request
- Matte silver finish



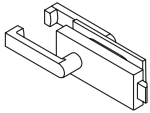
## PLATE GLASS DOOR LEVER



Forward Passage



Locking



Non-locking

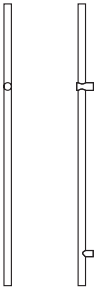
- Door lever options for plate glass center-pivot doors
- Door lever is non-handed
- Thumb turn lock is handed
- Slim shape compliments appearance of glass doors
- Furnished with flat hand levers
- Passage option available in standard or forward mounting options
- Locks with Europrofile and thumb turn cylinder
- Master key and key alike available upon request
- Matte silver finish

## 12", 20" LADDER PULL



- Ladder pull option for the following door types:
  - Plate glass sliding
  - Aluminum framed sliding
  - Wood sliding
  - Plate glass hinged
- Tubular design provides easy grip
- Stainless steel finish
- Non-locking

## 60" LADDER PULL



- Ladder pull option for the following door types:
  - Plate glass sliding
  - Plate glass hinged
  - Aluminum framed sliding
  - Wood sliding
- Tubular pull design provides easy grip
- Locking and passage options
- Locking option provides door security
  - Patented anti-break-in technology conceals cylinder fixing screws
  - Thumb turn dead bolt lock is received into a floor socket
  - Random numbered, rim cylinder with SFIC format for field keying to building requirements
- Stainless steel finish

# Features

## PRIVACY TILE SYSTEM

A support rail that hangs from glass perforations provides the flexibility to incorporate different components, to create visual privacy, and to provide added functionality as needed.

The rail contains an integral channel that also supports accessories and provides off-modular support of worksurfaces (requires other side of worksurface to be floor-supported).

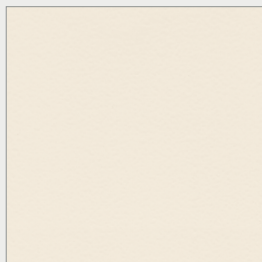
Due to the use of the rail, privacy tiles must always be used in a double-sided application.



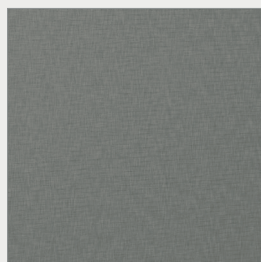
Privacy tile kit specifications: 3/8" thick privacy tiles are available in veneer, fabric, laminate, and glass, including marker board glass:

- Standard perforated glass panels for privacy tile mounting are 40", 42", or 48" wide.
- Corresponding privacy tile kits are available in 80", 84", and 96" widths.
- Veneer, fabric, and laminate privacy tiles are always two tiles in width. Glass tiles extend the entire width with a single tile.
- Privacy Tile System may also be ordered in customized dimensions.

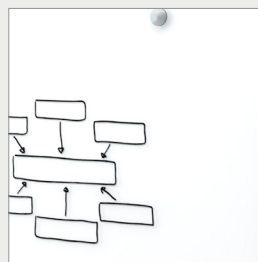
## TILE FINISHES



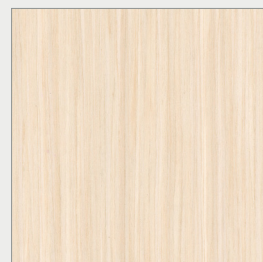
Painted surface



Tackable fabric



Marker board



Laminate



Veneer

## RAIL-MOUNTED CONFIGURATIONS

There are several ways to hang the rail-mounted privacy tiles:



### CENTERED MIDDLE-PANEL MODULE

In this application, privacy tiles are centered on the middle glass panel and extend halfway into each adjacent panel. This module is typically used when the wall has an odd number of glass panels.

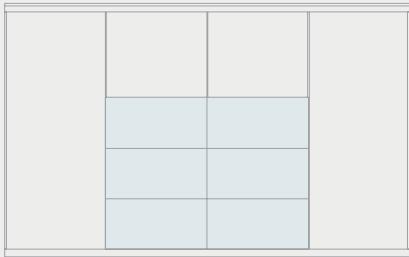


### TWO-PANEL MODULE

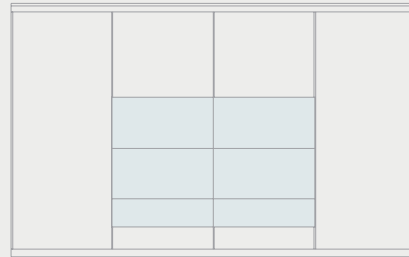
In this application, privacy tiles are on-module with two glass panels. Tile width must match the sum of the two panels (for example, 84" tile kit mounts on-module with two 42" perforated glass panels). This module is typically used when the wall has an even number of glass panels.

# Features

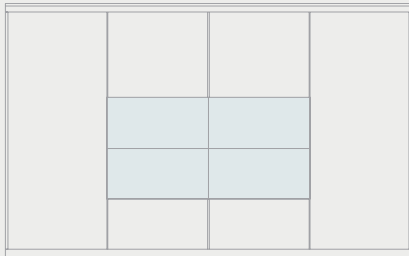
## PRIVACY TILE SYSTEM



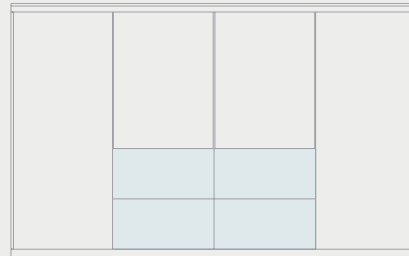
72"H  
Full-height privacy tiles



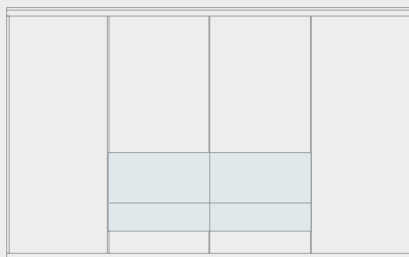
61½"H  
Two full-height privacy tiles with modesty tile



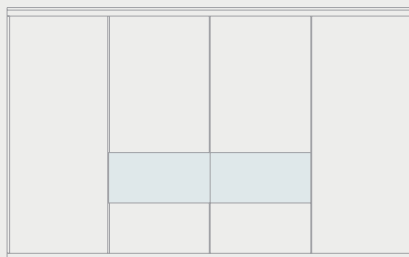
48"H  
Double-floating full-height privacy tiles



48"H  
Full-height privacy tiles



37½"H  
One full-height privacy tile with modesty tile



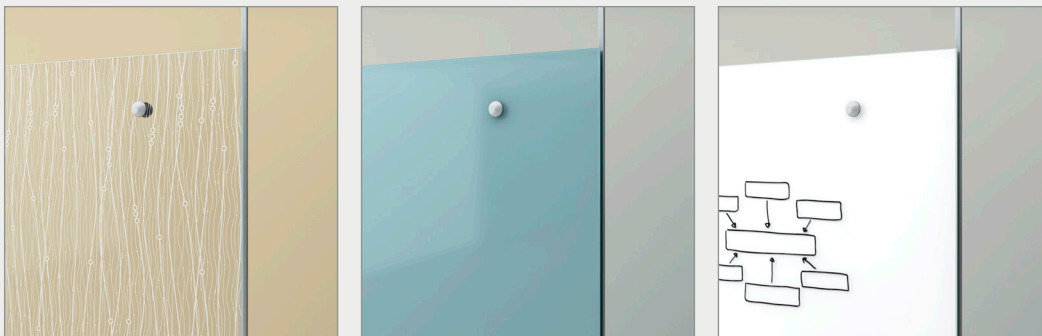
24"H  
Single-floating full-height privacy tile

## BUTTON-MOUNTED TILES

Beyond glass walls' button-mounted privacy tiles attach through perforations in the glass to create visual privacy, add a decorative graphic, or introduce a unique branded element to a space. You can also use buttons as distraction markers, filling the perforation and providing a visual cue on the glass.



Buttons are painted and available in all Allsteel standard paint finishes, including a coordinated color to match anodized aluminum trim.



**Tile materials:** Custom decorative glass, laminated glass, and marker board

Perforated glass panel sizes: 40", 42", or 48" wide.

Privacy tile specifications: 3/8" thick button-mounted tiles are available in translucent glass and marker board glass:

- 48" tile height
- 40", 42", or 48" tile widths

Tiles can be customized in a variety of sizes and materials.

# Technical

## POWER

- Modular Power
  - Base power option is available with single or double receptacle locations
  - Minimum glass panel width for a single receptacle is 28"
  - Minimum glass panel width for a double receptacle is 40"
  - Electrical system is a 4-wire, 2-circuit modular electrical system
  - UL183 listed manufactured wiring system
  - Base infeed is routed through a field-drilled hole in the base trim
- Hardwire Power
  - Inline electrical posts can be added to allow a licensed electrician to route power and install
- j-boxes and receptacles to this post
  - Standard openings are available at 18"H and 42 1/2" nominal from the floor





# Allsteel®

40

BEYOND

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