

Allsteel®

Beyond™

Technical Guide
Updated January 2024





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Beyond

Beyond 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


Visibility is accessibility. With a frameless glass solution, a culture of transparency can be created through connection, adjacency, and accessibility while maintaining acoustical privacy. Beyond Frameless offers various glass types and trim finishes allowing users to create countless design aesthetics while maintaining the reconfigurability and technology integration options of the full Beyond product line.

Framed

When designing a freestanding application, with a Kit of Parts strategy, or to reach a higher ceiling height, Beyond Framed will allow for the greatest success while still maintaining the transparency and accessibility that a frameless glass solution offers. 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

With all of the product capabilities of a Beyond framed solution, Beyond Solid panels offer a wide range of finish options - veneer, laminate, painted steel, fabric, and markerboard - creating various aesthetic choices while still allowing users to create a Kit of Parts strategy and reconfiguring as needed. These finishes also align with the Allsteel family of finishes allowing furniture and walls to blend seamlessly creating a cohesive aesthetic across the floor plate.

A modern office interior with a desk, chair, and large windows. The scene is brightly lit, suggesting a sunny day. In the foreground, a white chair with wooden legs is positioned at a desk with a wooden top and white metal frame. On the desk, there is a laptop, a white mug, and a small brown box. In the background, another desk and a potted plant are visible. Large windows on the left side of the frame offer a view of a cityscape. The overall atmosphere is clean, bright, and professional.

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



Beyond Frameless





Beyond Framed





Beyond Solid



Relocate

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

Reconfigure

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

Repurpose

With Beyond's ability to remove and replace individual tiles on the Solid panels as well as the exclusive perforated glass and privacy tile system on the Frameless panels, you can easily repurpose a space by swapping out components based on changing needs.



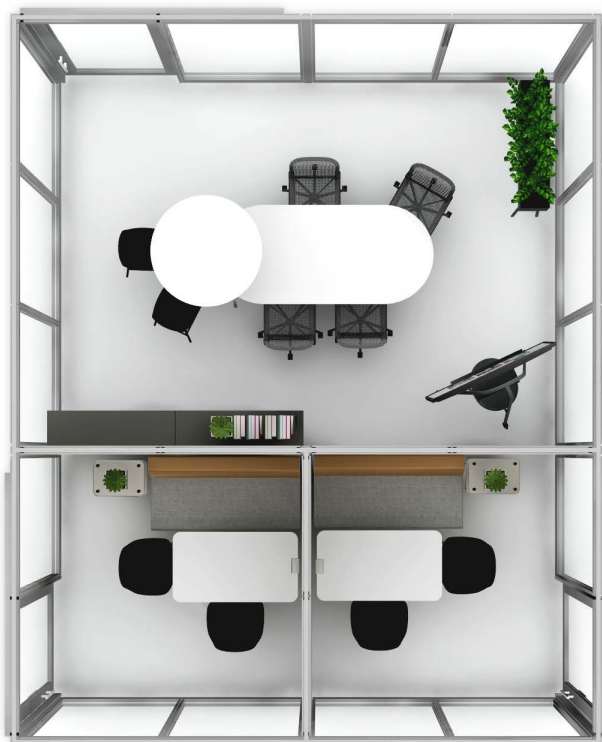


Today, you need a conference room.



Create Inspiring Spaces

Beyond movable walls come together to create 2-3 person huddle rooms and adjacent team conference room along the wall of an open plan, keeping everyone visually connected while offering needed acoustic privacy.



Typical ID: APP-11C

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

With glass options offering STC ratings up to 39, Beyond 1/2" thick glass walls offer acoustic privacy where needed while providing more flexibility and visual transparency than drywall.

Our patent-pending scissor-lift leveling mechanism is contained within the base trim.

Base and ceiling trim is available in anodized aluminum or painted finishes and in 10-foot lengths for longer seamless runs.

Next year, you
need more
private offices.



Reconfigure with Ease

When you need to redesign and add private offices, Beyond quickly accommodates. An existing 3-way connection in the center can be converted to a 4-way connection creating four separate spaces without disturbing the overall footprint.



Typical ID: APP-11B

The ceiling channel connects to drywall header and ceiling grid using non-defacing ceiling-channel mounting clips.

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

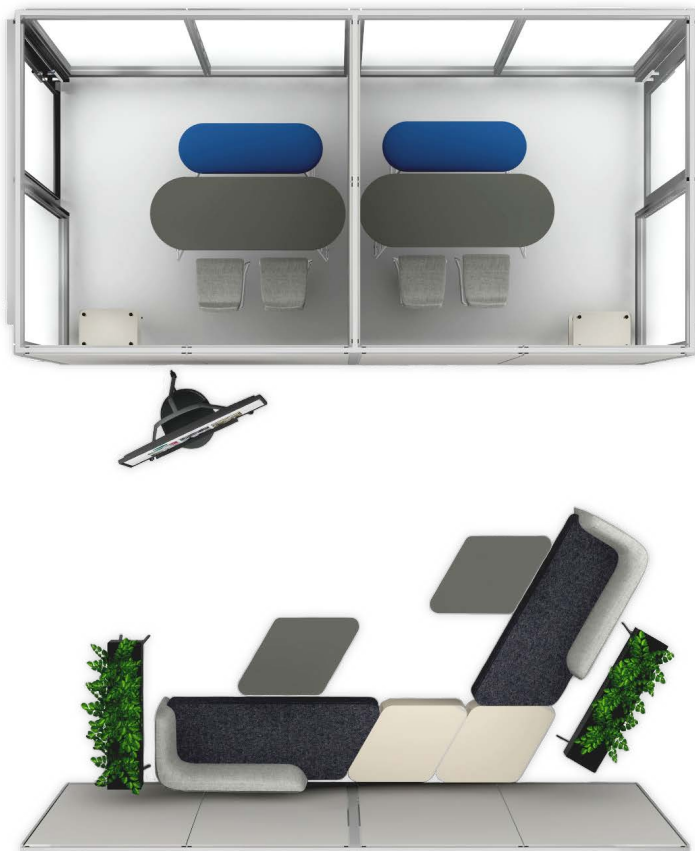
Solid tiles, available in paint, veneer, laminate, fabric, and glass markerboard, are positioned between the spaces adding privacy and functionality to each space.

Business changes again. Beyond is ready.



Repurpose Quickly

Without increasing the overall footprint, the offices can become a semi-private teaming space with collaborative furniture by removing just a few panels.



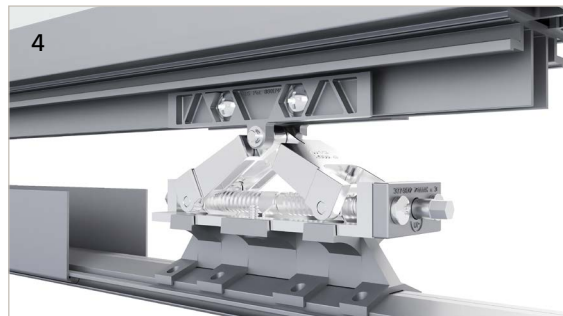
Typical ID: APP-11D

Choose from sliding doors, pivot doors, or hinged doors available in glass, veneer, painted, and laminate.

Power receptacles can be added to the base allowing for quick access to power/data within the Beyond wall system.

Beyond glass panels are available in numerous finishes allowing Beyond walls to meet various building codes, acoustical needs, and aesthetic options.

Building Integration Details



1 Ceiling channel connection

- Connects panels and doors to drywall or grid ceiling
- Non-defacing and movable.

2 Floor connection

- Panels rest above the finished floor
- Non-defacing and movable

3 Freestanding cornice

- For framed and solid applications
- Allows the full application to be freestanding and finished off at the top

4 Scissor-lift leveling mechanism

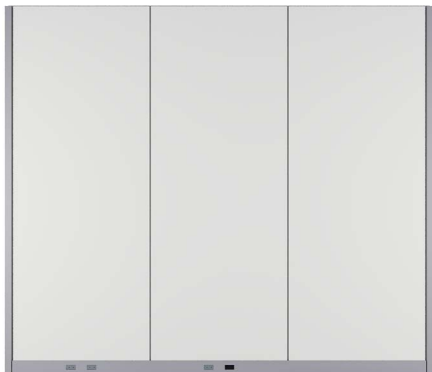
- Allows for easy leveling of +/- 3/4" adjustment using only a power drill

5 Zipper connection

- Framed and solid panels are connected utilizing zippers for straight and angled applications, up to 15 degrees
- Standard zippers are 1/2" W and can accommodate angles up to 5 degrees
- Adjustable angle zippers are 1" W (1/2" planning dimension) can accommodate angles up to 15 degree
- Co-polymer zippers connect panels and components
- Zippers are removable, allowing the panels to be relocated
- Available in a variety of colors to correspond with frame finish

Routing Power

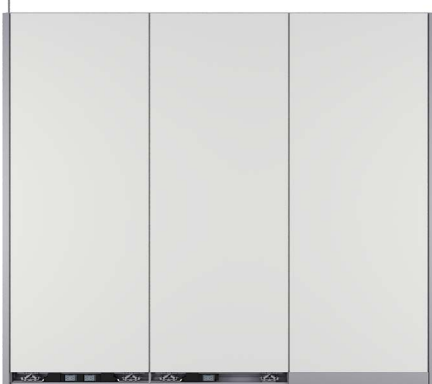
1 Exterior view



2 Exterior view



1 Interior view



2 Interior view



1 Modular electrical in the base

- Frameless panels feature a 4-wire, 2-circuit system
- For Frameless panels, the electrical base trim is the same height as non-electrical base trim
- Framed and solid panels feature an 8-wire, 4-circuit system
- For Framed and Solid panels, electrical base trim is 1" higher

2 Ported for hardwired electrical

- Frameless and framed panels include ported post with junction boxes
- Solid panels include ported tiles from single, double, or quad junction boxes placed in $\frac{1}{16}$ " increments vertically and left, right, or center positions horizontally
- Up to 4 junction boxes per tile.
- Conduit must route the same direction in an individual panel (up or down)





Frameless Panels

Product Overview

Dimensions

Height

- 18" - 120" H

Width

- 8"-42" up to 120"H in 1/4" increments
- 8"-48" up to 108" H in 1/4" increments

Glass Thickness

- 1/2"
- For glass colors and types, please see Beyond Specification Guide

Assembled Panel Thickness

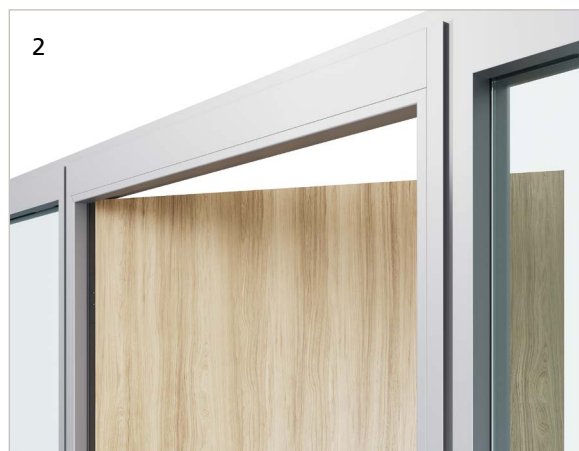
- 3" in depth at ceiling and base trim

Orderable Increments

- 1/4" for height and width



Product Details



1 Frameless span

- Let in more natural light than traditional drywall, increasing wellness in the workplace
- Panels are non-progressive and can be added, removed, or reconfigured without disrupting adjacent panels

2 Integrate solid panels and doors

- Frameless adapters allow Beyond frameless panels to connect to posts, door frames, and solid panels

3 Base trim

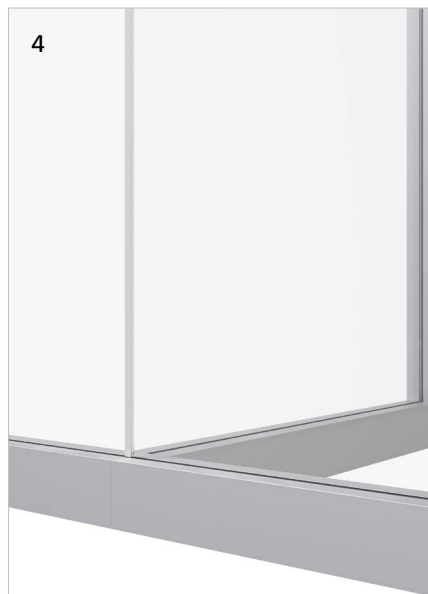
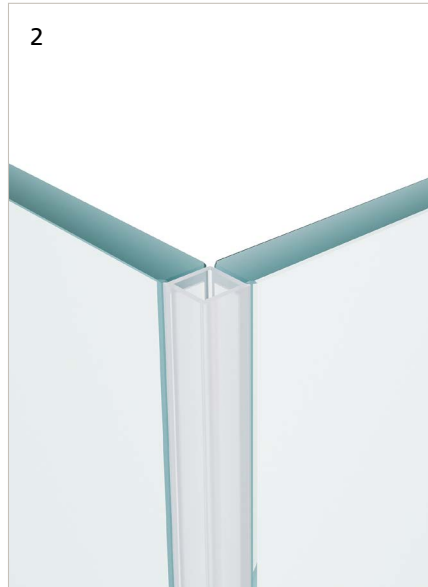
- Polymer gaskets between the trim and glass condition provide an acoustic seal
- Adjustment range for standard base trim is $\pm \frac{3}{4}$ " , low-profile base trim restricted to $\pm \frac{1}{4}$ "
- Low-profile base trim is 2- $\frac{1}{2}$ " H (shown)
- Standard trim is 3- $\frac{11}{16}$ " H

4 Vertical filler

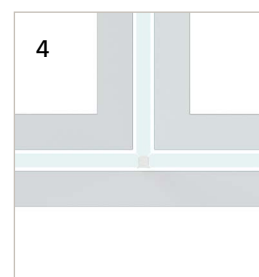
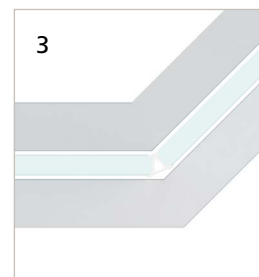
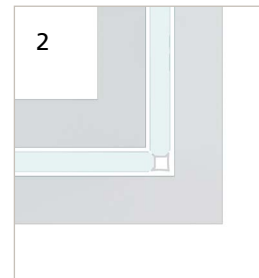
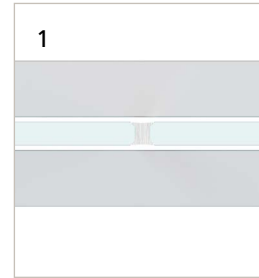
- Vertical fillers are designed to precision fit into glass and are consistently sized to allow for re-configuration
- Vertical fillers are applied with VHB (Very High Bond) tape, eliminating the need to caulk or glaze the seams between frameless glass panels
- Vertical fillers are offered in anodized or clear polycarbonate in straight, two-way, three-way, or 135-degree connection types
- Four-way vertical fillers are offered in clear polycarbonate only

Frameless Two-Way & Three-Way Connections

3D view



Plan view



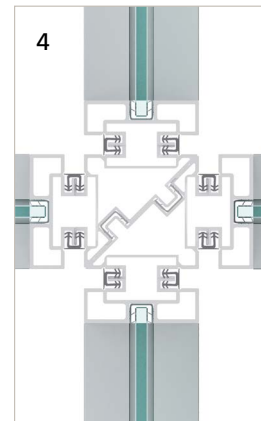
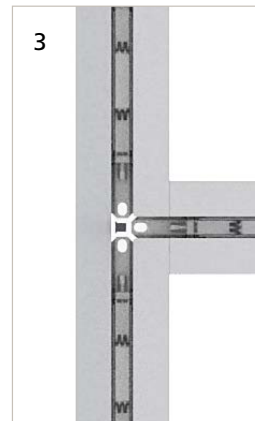
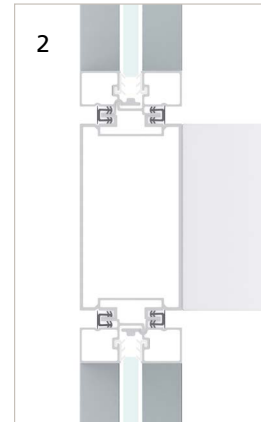
- 1 Straight connection
- 2 Two-way connection
- 3 135° connection
- 4 Three-way connection

Frameless Demising Wall & Four-Way Connections

3D view



Plan view



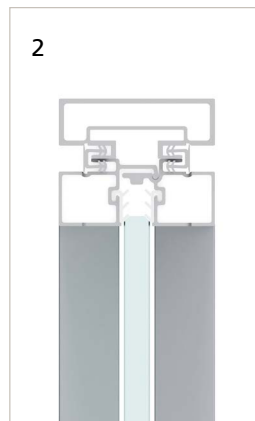
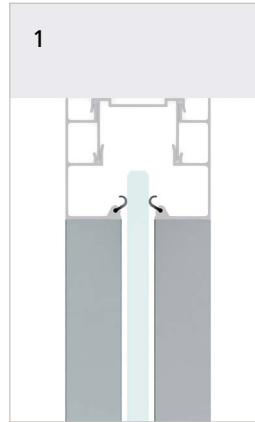
- 1 Frameless glass connecting to drywall
- 2 Frameless glass with drywall endcap
- 3 Frameless glass with setback panel and solid demising wall
- 4 Four-way connection

Frameless Wall Channel & Finish End

3D view



Plan view



1 Frameless wall channel

- 2¹⁵/₃₂" width
- +/- 1/8" adjustment

2 Frameless finished end

- 2 1/2" width
- +/- 3/4" adjustment







Framed Panels

Framed Glass Panel Ceiling Connection

Dimensions

Height

- 18"-120" for standard and electrical bases
- Up to 144" with stacking

Width

- 8"-60"

Glass Thickness

- 1/4" or 3/8"
- For glass colors and types, please see
Beyond Specification Guide

Panel Thickness

- 3" in depth at ceiling and base trim

Orderable Increments

- 1/4" for height and width



Framed Glass Panel Freestanding

Dimensions

Height

- 86"-120" for standard and electrical bases

Width

- 8"-60"

Glass Thickness

- 1/4" or 3/8"
- For glass colors and types, please see
Beyond Specification Guide

Assembled Panel Thickness

- 3" in depth at ceiling and base trim

Orderable Increments

- 1/4" for height and width



Framed Panel with Wood Slats Freestanding

Dimensions

Height

- 96"-120" H in 6" increments

Width

- 24"-48" W in 6" increments

Wood Slat Finishes

- For Wood Slat finishes, please reference the Beyond Specifications Guide.

Assembled Panel Thickness

- 3" in depth at ceiling and base trim



Product Details



1 & 2 Frame Details & Optionality

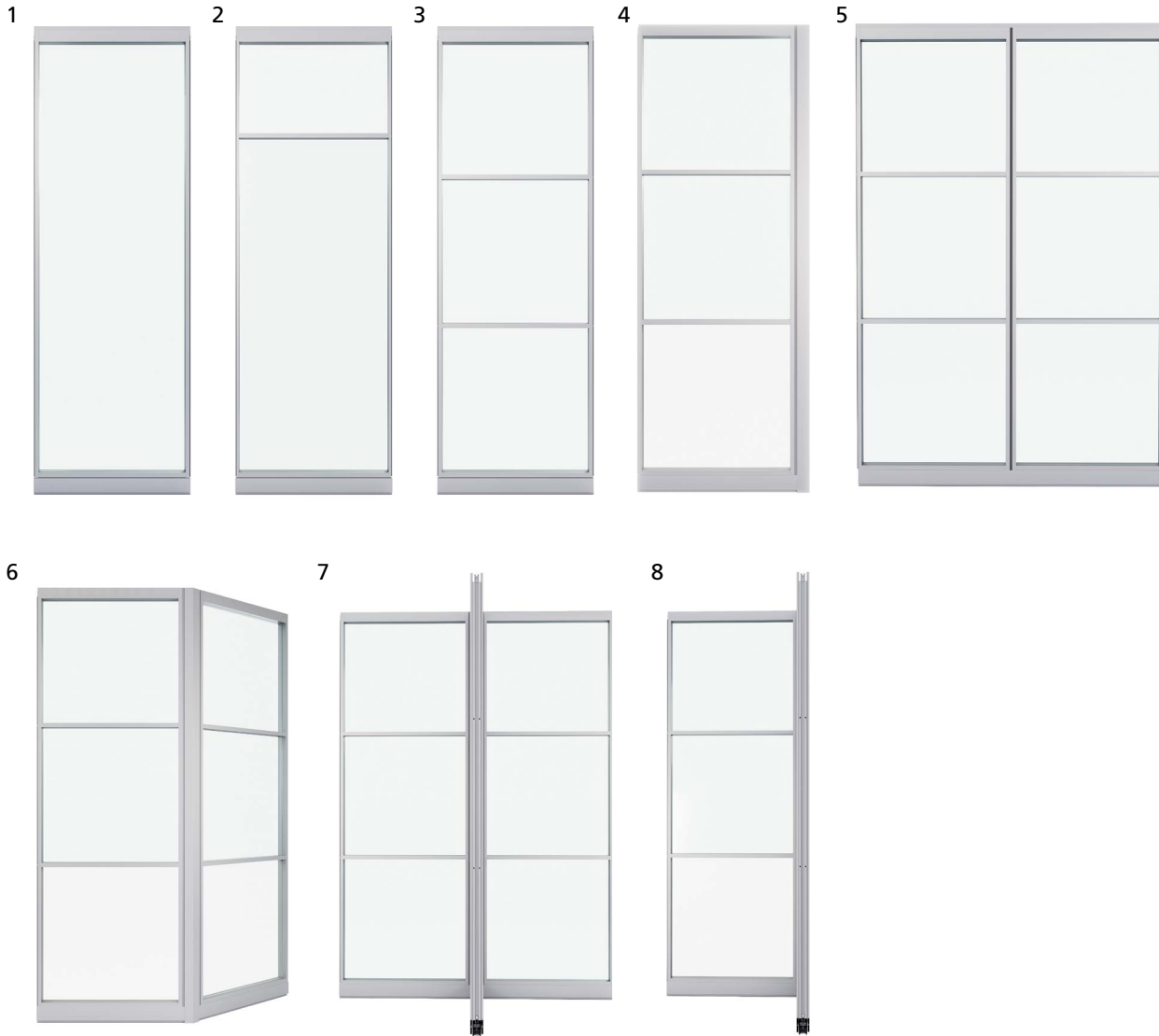
- Framed glass panels may be specified either with monolithic glass or segmented glass with up to 6 glass lites
- Segment bars are offered as either standard (above, left) or with integrated mounting rail (above, right) to allow for attachment of sliding door with transom, TV mounts, Stride off-modular connection, and accessory hooks
- Frame verticals are offered in two styles, uniform and narrow
- Uniform vertical style is consistent with horizontal frame member and is 2-3/10"W, frame-to-frame including zipper
- Narrow vertical style offers a more minimal aesthetic and is 1-7/10"W, frame-to-frame including zipper

3 Framed Glass Stackers

- Framed glass stackers may be added on to Beyond framed or solid panels for use as a clerestory and to increase maximum overall wall height to 144"H

Elevations

Panel and Connection Types



- 1 Monolithic
- 2 Clerestory
- 3 Segmented
- 4 90° corner with post
- 5 Inline connection
- 6 135° corner with post
- 7 Four-way connection with post
- 8 Three-way connection with post

Framed and Solid In-Line & Two-Way Connections

Connection Types



1 Zipper

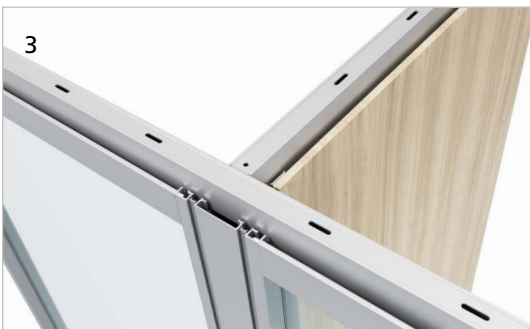
- Framed and Solid panels are connected utilizing zippers for straight and angled applications, up to 15 degrees

2 Post

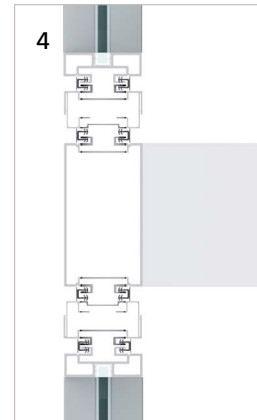
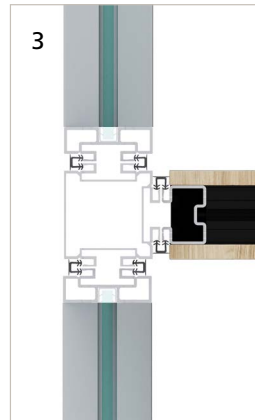
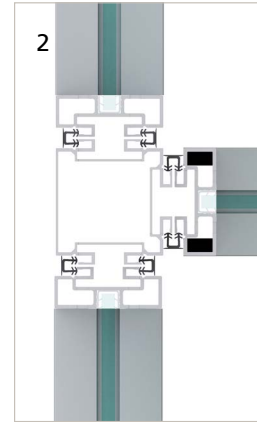
- Framed and solid panels are connected using posts when wall direction changes or terminates
- Posts are available for straight, two-way (above, 2a), three-way (above, 2b), four-way, and 135° applications
- Straight, two-way, and three-way posts may be specified with a removable access panel to access electrical or data, which may be routed through the post from either the floor or ceiling

Frameless Demising Wall & Four-Way Connections

3D view



Plan view



- 1 Connection to drywall
- 2 Set back panel with solid demising wall
- 3 Solid demising wall
- 4 Drywall end cap

Framed Wall Channels & Finished Ends

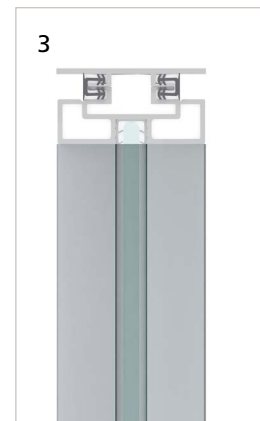
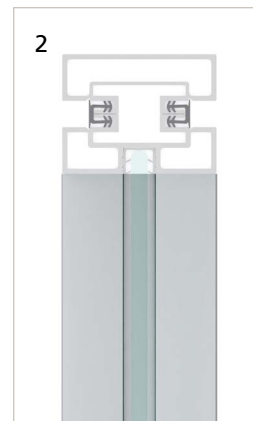
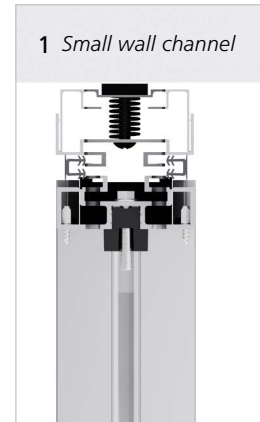
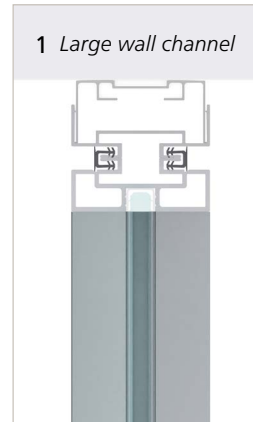
3D view



1 Wall channels

- Wall channels are used to connect framed or solid panels to drywall
- Large wall channels are 3" wide with +/- 3/4" adjustment
- Small wall channel is 2" wide with +/- 1/4" adjustment

Plan view



2 Uniform finished end

- Finished ends are used at the end of framed or solid panel runs that do not terminate into a drywall
- Uniform finished end is 1 5/32" wide

3 Narrow finished end

- For use in Viz applications





Solid Panels

Solid Panel Ceiling Connection

Dimensions

Height

- 18"-120" H
- Up to 144" with stacker

Width

- 8"-60" W
- 9" - 60" W for fabric tiles greater than 54-1/2" H

Tile Materials

- Veneer, laminate, tackable fabric, painted steel, back-painted glass markerboard, or steel markerboard
- For finish options, please see Beyond Specification Guide

Assembled Panel Thickness

- 3" in depth at ceiling and base trim

Orderable Increments

- 1/4" for height and width



Solid Panel Freestanding

Dimensions

Height

- 86"-120" H

Width

- 8"-60" W
- 9"-60" W for fabric tiles greater than 54-1/2"H

Tile Materials

- Veneer, laminate, tackable fabric, painted steel, back-painted glass markerboard, or steel markerboard
- For finish options, please see Beyond Specification Guide

Assembled Panel Thickness

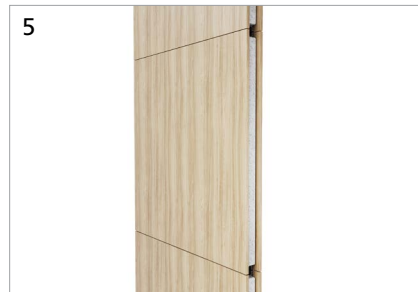
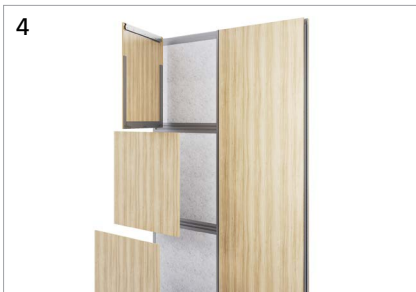
- 3" in depth at ceiling and base trim

Orderable Increments

- 1/4" for height and width



Solid panel details



1 Furniture integration

- Utilize slotted standards for furniture integration
- Integrate work surfaces, overheads, and accessories through Allsteel by utilizing the Beyond bracket and applicable furniture bracket
- Other manufacturers' components can be integrated

2 Field-cuttable panel

- Solid panel can be field cut to navigate windowsills and other obstructions
- Specify the windowsill u-channel to accommodate this condition in the field

3 Insulation

- Panels ship with two-pound, two-inch thick formaldehyde-free fiberglass.
- Insulation boosts the acoustical properties of the solid panel.
- Solid panels can be specified without insulation if acoustics are not a concern such as in an open, freestanding application.

4 Flexibility & reconfiguration

- Solid panels are shipped fully unitized with tiles attached to panels (unless specified as field-installed)
- Tiles clip into frames and can be removed, swapped out and replaced to accommodate future changes

5 Segmentation options

- Up to 9 tiles can be specified on a solid panel
- Panel sides A and B may have different configurations as long as they don't interfere with each other
- Tiles can be segmented up and down in 1/16" increments

6 Tile possibilities

- Tiles can be specified in a variety of material types
- Veneer, laminate, tackable fabric, painted steel, back-painted glass markerboard, or steel markerboard
- Tiles can be butt-jointed from panel to panel or come with a 1/2" reveal. The "with reveal" option is recommended for greater ease of movability and flexibility
- Hard surface tiles can accommodate a variety of TV mount heights and applications.

Elevations

1



2



3



4



- 1 Monolithic
- 2 Solid with glass clerestory
- 3 Segmented
- 4 Panel to floor





Integrated Glass

Solid Panel with Integrated Glass Ceiling Connection

Dimensions

Height

- 9 1/2"-108 1/4" as integrated glass tile
- 9 1/2" - 120" as integrated glass stacker above framed or solid panel
- 9 1/2" - 58" as integrated glass stacker above door frame or freeway

Width

- 8"-60" W as integrated glass tile
- 8"-120" W as integrated glass stacker

Glass Thickness

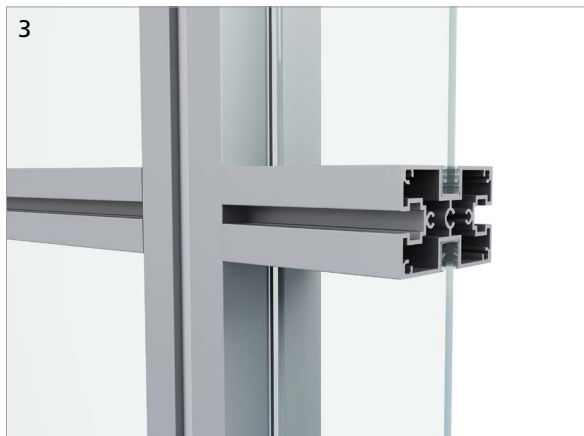
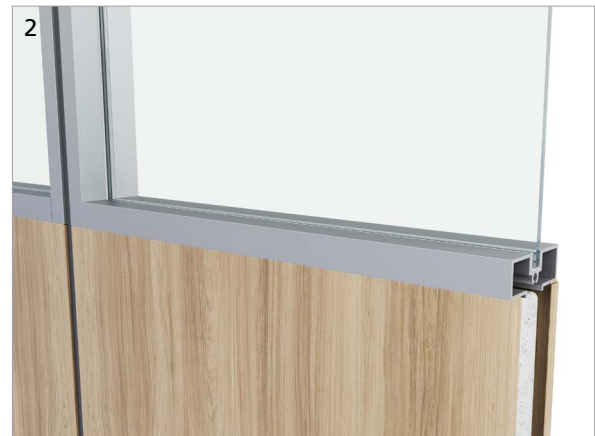
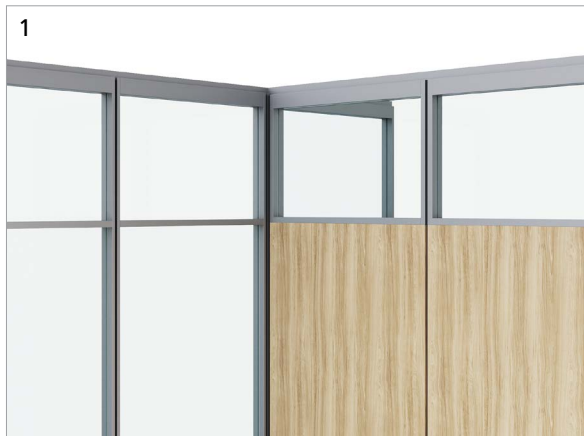
- 1/4" or 3/8"
- For glass colors and types, please see Beyond Specification Guide

Orderable Increments

- 1/4" for height and width



Integrated Glass Features



1 Segmentation alignment

- For the best appearance, solid panels with integrated glass adjacent to framed panels with segmentation patterns should align

2 Solid panel with integrated glass stacker

- Integrated glass can be segmented into a variety of patterns
- Must specify a minimum 18"H solid panel below integrated glass

3 Solid panel with integrated glass & mounting rail

- An integrated mounting rail can be specified at the horizontal connection between the solid panel and integrated glass
- Integrated glass can be segmented below or above mounting rail
- Integrated mounting rail must be specified at 83 7/8" AFF or higher
- Integrated mounting rail option allows for technology and furniture integration as well as mounting 7' H sliding doors with a transom above

Elevations

1



2



- 1 Solid panel with integrated glass tiles
- 2 Solid panel with integrated glass stacker







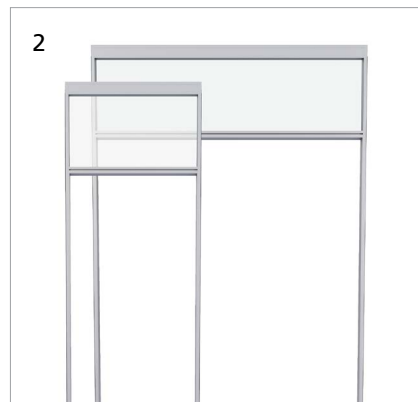
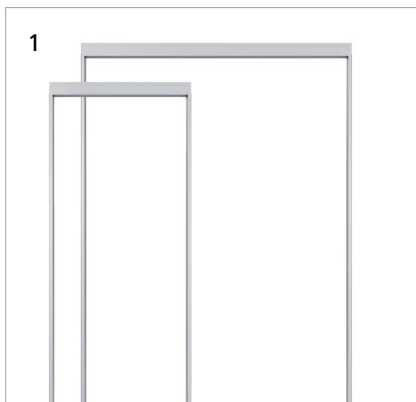
Doors

Sliding Door Leaf Options



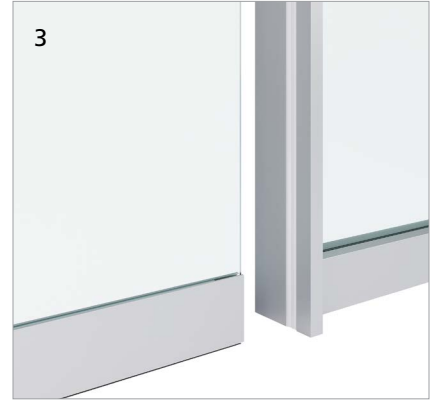
- 1 Frameless glass sliding door
- 2 Aluminum framed sliding door
- 3 Solid wood sliding door
- 4 Thin framed sliding door

Sliding Door Frame Options



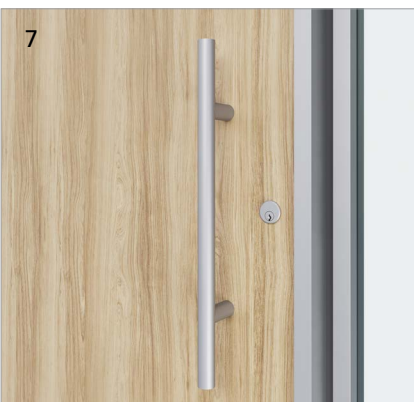
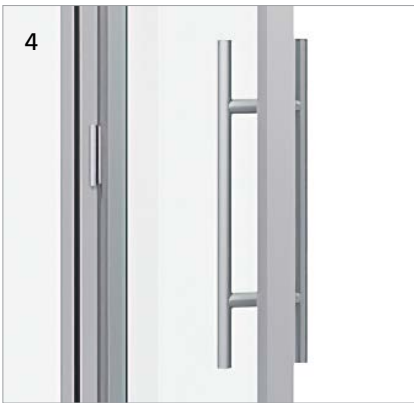
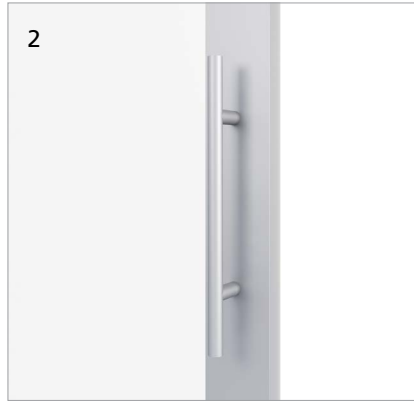
- 1 Sliding door frame, single and double
- 2 Sliding door frame with transom, single and double

Sliding Door Details



- 1 Frameless glass door; full strike - bottom connection
- 2 Frameless glass door; full strike - top connection
- 3 Frameless glass door with footer; full strike - bottom connection
- 4 Sliding door track
- 5 Frameless door; acoustical footer
- 6 Aluminum door; acoustical footer
- 7 Solid door; acoustical footer

Sliding Door Hardware Details



- 1 Ladder pull on frameless glass passage
- 2 Ladder pull on aluminum framed passage
- 3 Ladder pull on solid wood passage
- 4 Ladder pull on thin frame door

- 5 Ladder pull on frameless glass locking into frame
- 6 Ladder pull on aluminum framed locking into frame
- 7 Ladder pull on solid wood locking into frame
- 8 Ladder pull on thin frame door locking into frame

Ladder Pull Options



- 1 12"H
Silver finish
- 2 12"H
Black finish
- 3 20"H
Silver finish
- 4 20"H
Black finish

- 5 49"H, non-locking
Silver finish
- 6 49"H, Locking into floor
Silver Finish
- 7 49"H, non-locking
Black finish
- 8 49"H, locking into floor
Black finish

- 9 60"H, non-locking
Silver finish
- 10 60"H, locking into floor
Silver finish
- 11 60"H, non-locking
Black finish
- 12 60"H, locking into floor
Black finish

Pivot Door Leaf Options



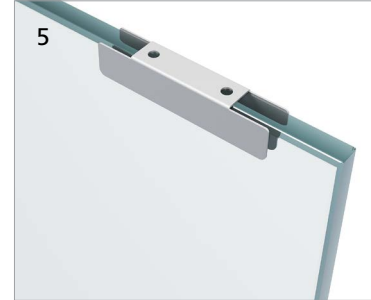
1 Frameless pivot door with lever

2 Aluminum framed glass pivot door

3 Solid wood pivot door

4 Thin frame pivot door

Pivot Door Details



- 1 Frameless pivot door connection to frame
- 2 Solid wood pivot door connection to frame
- 3 Cylindrical door stop
- 4 Dome door stop
- 5 Magnetic catch on pivot door, required when door pull is specified

Pivot Door Hardware Details



- 1 Cylindrical lever
- 2 SFIC locking cylindrical lever
- 3 Ladder pull
- 4 Locking ladder pull
- 5 Mortise lever
- 6 Locking mortise lever
- 7 Title 24 mortise lever
- 8 Title 24 locking mortise lever



Hinged Door Leaf Options

1



2



3



4



1 Frameless glass hinge door

2 Aluminum framed hinge door

3 Solid wood hinge door

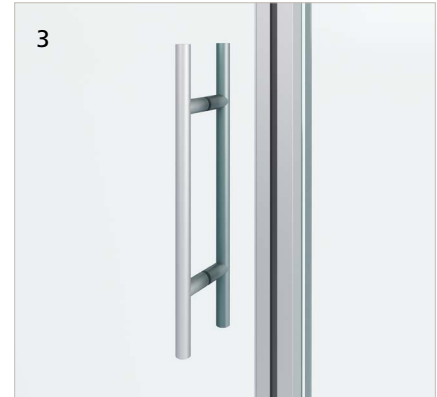
4 Thin frame hinge door

Hinged Door Details



- 1 Frameless glass hydraulic door hinge
- 2 Solid wood door hinge
- 3 Aluminum framed glass door hinge
- 4 Cylindrical door stop
- 5 Dome door stop

Hinged Door Hardware Details



- 1 Cylindrical lever
- 2 SFIC locking cylindrical lever
- 3 Ladder pull
- 4 Locking ladder pull
- 5 Mortise lever
- 6 Locking mortise lever
- 7 Title 24 mortise lever
- 8 Title 24 locking mortise lever



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