what is focus
what is focus

WHAT IS FOCUS. .......................................................... 6

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Focus is a demountable wall system that seamlessly integrates a variety of glass and solid fascias to create an array of modern, architecturally refined enclosures.

The system can be tailored to specific site conditions and acoustic requirements through a comprehensive glass wall and door pairing program. All pairings maintain visual and acoustic continuity throughout the wall run.

The following Focus components are demonstrated above:

1. Single Glazed Sliding Door
2. Clerestory with Double Glass Fascia
3. Solid Monolithic Demising Wall
4. Corner Double Glass to Solid Connection
5. Double Glass Fascia
6. 90° Glass Corner Connector Kit (Double Glass)
7. Double Glazed Pivot Door
8. Corner Transition
9. Single Glazed Pivot Door
10. Three-Way Corner – Offset Glass
11. Inline Transition Connection – Solid to Single Center Glass
12. Offset Single Glass Fascia
13. 90° Glass Connector Kit (Single Glass)
Focus offers a variety of unique planning features.

A continuous horizontal frame for inline solid to glass connections.

Glass clerestory configurations on demising walls.
planning considerations

When specifying Focus, the following site condition steps and rules must be followed.

step 1: determine the site condition

Scenario A. Pre-constructed Site
A. If the site has not yet been constructed, Steps 6-8 must be followed prior to specification
B. Establish desired nominal floor to ceiling height
C. The General Contractor must hold the nominal floor to ceiling height within +/- 1/8” over 10’ (in the event of a drop ceiling, clips and blocks are possible but must be reviewed with Teknion)
D. The General Contractor must hold the building architecture within +/- 1/4” over length of wall span (tighter tolerances may be required when adjustable wall start applications are not used)
E. Once the site is constructed, the nominal floor to ceiling height must be validated prior to installation

Scenario B. Constructed Site
A. If the site is already constructed, Steps 2-8 must be followed prior to specification

step 2: survey and measure the building site

A. Use a laser to shoot the entire site to find the high and low spots in the finished floor and ceiling. Finished floor to ceiling measurements should be recorded every 12” along each linear span of Focus

B. Consider the location of HVAC and lighting panels on the ceiling before laying out wall runs. Focus should be planned to optimize the amount of natural light that will flow into corridors for energy savings and LEED credits
step 3: evaluate floor to ceiling deviations

Consider the leveling range of Focus and the nominal floor to ceiling height:

- The finished floor to ceiling height cannot expand more than 19mm over 10’ in one wall run (+8mm in ceiling, +11mm in floor)
- The finished floor to ceiling height cannot contract more than 11mm over 10’ in one wall run (-7mm in ceiling, -4mm in floor)

If the floor to ceiling deviations have exceeded these limits a wall end, wall start or vertical inline transition must be specified to reset nominal leveling. The following describes how to plan wall runs between verticals to allow for height transitions:

Gradual slope

Valley

Hill

Legend summary
A: Nominal leveling reset
B: Nominal set point
Compressible shim required on either end
planning considerations (continued)

step 4: plan nominal heights with pivot and hinged doors

Pivot and hinge door frames are considered to be part of the wall run. The minimum floor to ceiling height within the door frame or swing area determines the nominal door and wall height of the run. On-site measurements should be checked against existing drawings prior to installation.

The following describes how to plan wall runs with pivot or hinged doors based on leveling limitations:

**Scenario A:**
Door and wall within leveling limits

A. Run can be joined

**Scenario B:**
Door and wall leveling limits exceeded

B. Runs are separated with wall ends to reset nominal leveling (other reset options can include wall starts and inline glass transitions)
step 5: plan nominal heights with sliding doors

Sliding door frames are considered to be part of the wall run. The minimum floor to ceiling height within the door frame determines the nominal door and wall height of the run. Measurements should be taken every 12" within the linear span of the door frame.

The following illustrations compare the profile elevation between a sliding door frame and a standard fascia frame. Both frames can be spliced together to create a continuous run without the need for a third post.

Refer to Focus Frame Leveling page for more information.
planning considerations (continued)

step 6: plan wall runs

Focus allows for three distinct types of runs:

- Runs that start
- Runs that end
- Runs that join

These runs can be combined to create the following conditions and tolerances:

**Adjustable wall run conditions**

- Start to start
  - A: 50mm nominal
  - B: Site hold to
  - C: Fixed

- Start to end
  - A: 50mm nominal
  - B: Site hold to
  - C: Fixed

- Start to join
  - A: 50mm nominal
  - B: Site hold to
  - C: Fixed

**Fixed wall run conditions**

- End to end
  - B/C: Fixed

- End to join
  - B/C: Fixed

- Join to join
  - B/C: Fixed

---

Legend Summary

- A - Adjustable wall start
- B - Building and/or install requirement
- C - Cut from factory (1/16” increments)
step 7: plan to accommodate existing building architecture

The following demonstrates adjustable and fixed wall conditions.

Use wall starts when connecting to building architecture to allow for on-site adjustability.

Join conditions are considered fixed datum points during installation.

Wall end conditions are considered fixed datum points during installation.

Wall starts and solid fascias can be modified on-site to accommodate bulkheads and irregular building walls.
step 8: consider wall and door acoustic pairing

Ensure that the wall and door specification for each room is logical from an acoustical perspective to ensure optimal performance. The chart below illustrates a basic guideline for door to wall acoustic alignment:

<table>
<thead>
<tr>
<th>Door Type</th>
<th>Wall Acoustic Alignment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Leaf Single Glazed Hinged Door (FWSSH)</td>
<td>✓</td>
</tr>
<tr>
<td>Single Leaf Solid Hinged Door (FWSOH)</td>
<td>✓</td>
</tr>
<tr>
<td>Single Leaf Single Glazed Pivot Door (FWSSP) and Double Leaf Single Glazed Pivot Door (FWDSP)</td>
<td>✓</td>
</tr>
<tr>
<td>Single Leaf Double Glazed Pivot Door (FWSDP)</td>
<td>✓</td>
</tr>
<tr>
<td>Single Leaf Sliding Door Framed (FWSSI)</td>
<td>✓</td>
</tr>
</tbody>
</table>

**Note:** any door can be joined to any wall if desired, but may **not** be an ideal acoustic solution.
application guide
application guide

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frames & trims product map

F W C C  Single Centered Frame Assembly – Ceiling  
F W C B  Single Centered Frame Assembly – Base

F W O C  Single Offset Frame Assembly – Ceiling  
F W O B  Single Offset Frame Assembly – Base

F W D C  Double Frame Assembly – Ceiling  
F W D B  Double Frame Assembly – Base

F W S C  Solid Frame Assembly – Ceiling  
F W S B  Solid Frame Assembly – Base
frames & trims product map

FWSSGH  Solid to Single Glass – Horizontal Extrusion Trim

FWSDGH  Solid to Double Glass – Horizontal Extrusion Trim
# Fascias Product Map

<table>
<thead>
<tr>
<th>FWGA</th>
<th>Glass Fascia – 10mm Thickness</th>
<th>FWGB</th>
<th>Glass Fascia – 12mm Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>FWGSA</td>
<td>Glass Fascia Clerestory – 10mm Thickness</td>
<td>FWGSB</td>
<td>Glass Fascia Clerestory – 12mm Thickness</td>
</tr>
<tr>
<td>FW1</td>
<td>Solid Fascia</td>
<td>FW3</td>
<td>Solid Fascia – 18” Height Cut Out</td>
</tr>
<tr>
<td>FWI</td>
<td>Insulation</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
doors product map

FWSSH  Single Leaf Single Glass Hinged Door  FWOSH  Single Leaf Solid Hinged Door

FWSSP  Single Leaf Single Glazed Pivot Door  FWSDP  Single Leaf Double Glazed Pivot Door

FWSHP  Double Leaf Single Glazed Pivot Door  FWSSI  Single Leaf Sliding Door Framed

FWDSP  Double Leaf Single Glazed Pivot Door  FWSPI  Single Leaf Sliding Door Framed

FWDSI  Double Leaf Sliding Door Framed  FWSHF  Single Leaf Hinged Door Frame
doors product map

FWDPF  Double Leaf Pivot Door Frame

FWSPF  Single Leaf Pivot Door Frame

FWSIF  Single Leaf Sliding Door Infinite Frame

FWDIF  Double Leaf Sliding Door Infinite Frame

FWDHLF  Door Hardware Ladder Pull

FWDLNF  Door Hardware Linear Pull

FWDHALF  Door Hardware Schlage ALX Series

FWDHND  Door Hardware Schlage ND Series
Wall starts & Wall ends product map

F W W G S  Wall Start Single Centered Glass

F W W D  Wall Start Double Glass

F W W D G S  Wall Door Start Single Centered Glass

F W W D G D  Wall Door Start Double Glass

F W W D G O  Wall Door Start Single Offset Glass

F W W G O  Wall Start Single Offset Glass

F W W S D  Wall Start Solid

F W W D S D  Wall Start Solid

F W W D G O  Wall Door Start Offset Glass

F W W D S D  Wall Door Start Solid
application guides

wall starts & wall ends product map

F W W H D  Wall Start Door
F W W C  Wall End Inline Single Centered Glass

F W W O  Wall End Inline Offset Glass
F W W D  Wall End Inline Double Glass

F W W S  Wall End Inline Solid
F W T I D  Wall End Inline Door

F W W G S F  Wall Start Single Centered Glass – Framed
F W W G D F  Wall Start Double Glass – Framed

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wall starts & wall ends product map

FWWDGSF  Wall End Single Centered Glass – Framed

FWWDGDF  Wall End Double Glass – Framed

FWWAGS   Articulating Wall Start Single Centered Glass

FWWAGO   Articulating Wall Start Single Offset Glass

FWWAGD   Articulating Wall Start Double Glass

FWWASD   Articulating Wall Start Solid

FWWAHD   Articulating Wall Start Door
wall transitions product map

FWTCD  Corner Transition

FWITS Solid to Solid

FWTISGD Inline Transition Connection – Solid to Double Glass

FWTISG Inline Transition Connection – Solid to Single Glass

FWTICD Corner Transition

FWTIGO Inline Transition Connection – Offset Glass to Offset Glass

FWTIGOG Inline Transition Connection – Offset Glass to Offset Glass

FWTIGS Inline Transition Connection – Single Glass to Single Glass

FWTIGSO Inline Transition Connection – Single Centered Glass to Single Offset Glass

FWTIGGS Inline Transition Connection – Single Glass to Single Glass

FWTIGSOG Inline Transition Connection – Single Centered Glass to Single Offset Glass
wall transitions product map

FWTIGDGO Inline Transition Connection –
Double Glass to Offset Glass

FWTIGDD Inline Transition Connection –
Double Glass to Double Glass

FWITSF Inline Transition Connection –
Framed Condition – Solid to Solid

FWTSGDF Inline Transition Connection –
Framed Condition – Solid to Double Glass

FWTSGSF Inline Transition Connection –
Framed Condition – Solid to Single Centered Glass

FWTIFA Inline Transition Connection –
Focus to Altos
glass connectors product map

F W I P  Glass Connector Kit – Inline Clear Plastic  
F W I T  Glass Connector Kit – Inline Tape

F W I V  Glass Connector Kit – Inline Variable Angle  
F W C N  90˚ Glass Connector Kit

F W C T  Three-Way Glass Connector Kit  
F W A K  Activator Kit
frames & trims
frames & trims

UNDERSTANDING HORIZONTAL FRAME ASSEMBLIES . . . . . . 32

SINGLE FRAME ASSEMBLY BASICS . . . . . . . . . . . . . . . . 33

DOUBLE & SOLID FRAME ASSEMBLY BASICS . . . . . . . . . . . 34

HORIZONTAL EXTRUSION TRIM BASICS . . . . . . . . . . . . 35

PLANNING WITH HORIZONTAL FRAME . . . . . . . . . . . . . . . . 36
Focus frames consist of ceiling, base and vertical frames and are available to accommodate 10mm and 12mm glass and solid fascias.

The following outlines the components of the ceiling and base assemblies.

A variety of glass and solid fascia mounting options are available with horizontal frames.

**Inline (shown)**

- Center glass
- Offset glass
- Double glass
- Solid
Single frame assemblies allow for a single 10mm or 12mm glass fascia to be mounted in the center or offset location of a frame.

- Extrusions are available in nominal widths from 12” to 120” with the ability to specify to 1/16” increments
- Extrusions are available in three conditions:
  - Angled
  - Three-way mitered
  - Four-way mitered
- When specifying extrusions a left and right angled increment must be selected
- The increments represent the two extrusion angles (when viewed from the exterior) required to make up the overall planning angle required

Frame finishes:
- Clear Anodized and Painted

Single Centered Frame Assembly – Ceiling (FWCC)
- Adjustable ceiling frame for single centered glass fascias

Single Centered Frame Assembly – Base (FWCB)
- Adjustable base frame for single centered glass fascias

Single Offset Frame Assembly – Ceiling (FWOC)
- Adjustable ceiling frame for offset single centered glass fascias

Single Offset Frame Assembly – Base (FWOB)
- Adjustable base frame for offset single centered glass fascias

Safety corners are used to soften corner edges, for more information see the Accessories & Electrical section
• Extrusions are available in nominal widths from 12” to 120” with the ability to specify to 1/16” increments

• Extrusions are available in three conditions
  - Angled
  - Three-way mitered
  - Four-way mitered

• When specifying extrusions a left and right angled increment must be selected

• The increments represent the two extrusion angles (when viewed from the exterior) required to make up the overall planning angle required

Frame finishes: Clear Anodized and Painted

Double and solid frame assemblies allow for double 10mm or 12mm glass or solid fascias to be mounted to the frame.
The Focus horizontal trim provides a minimal horizontal trim that connects solid to glass fascias in clerestory applications.

For Clerestory planning information, refer to the Clerestory section.

- Extrusions are available in nominal widths from 12” to 120” with the ability to specify to 1/16” increments
- When specifying extrusions a left and right angled increment must be selected

Frame finishes: Clear Anodized and Painted

Solid to Single Glass – Horizontal Extrusion Trim (FWSSGH)
- Used between solid fascias and center glass clerestory

Solid to Double Glass – Horizontal Extrusion Trim (FWSGHD)
- Used between solid fascias and double glass clerestory
The following describes the floor to ceiling leveling accommodation provided by Focus horizontal frames.

• If the site is in a pre-constructed condition, the nominal floor to ceiling height can be specified. In this case the nominal floor to ceiling height must be kept within +/- 1/8” over 10'-0”

• If the site is in a constructed condition, the nominal floor to ceiling height is determined through site measurements and specification software

• Based on the nominal floor to ceiling height, base and ceiling frame have an overall leveling range of 30mm (+19mm / -11mm)
  - Ceiling frame has an overall leveling range of 15mm (+8mm / -7mm)
  - Base frame has an overall leveling range of 15mm (+11mm / -4mm)

FF = Finished floor

Glass height = Nominal ceiling height - 74mm

Maximum ceiling to floor height
+ 19mm

Nominal ceiling to floor height
Set point (0mm)

Minimum ceiling to floor height
- 11mm

4.5mm Glass clearance

58mm

58mm FF
The following describes how to specify cuts for horizontal frames. The cut angle and orientation is determined from the side designated as external. Cuts are specified independently on both sides of each frame assemblies.

<table>
<thead>
<tr>
<th>Join Condition</th>
<th>Diagram</th>
<th>Cut Specification</th>
<th>Restrictions</th>
</tr>
</thead>
</table>
| Inline                  | ![Diagram](inline.png) | A: Right Cut, Angled, 90°  
B: Left Cut, Angled, 90° | The frame cut must be on module with the fascias. |
| Two-way corner (90° Corner) | ![Diagram](two-way-corner.png) | A: Right Cut, Angled, 135°  
B: Left Cut, Angled, 45° | The frame cut must be on module with the fascias. |
| Three-way corner (Centered) | ![Diagram](three-way-corner.png) | A: Right Cut, Three Way, 135°  
B: Left Cut, Three Way, 45°  
C: Four Way, 0° | The frame cut must be on module with the fascias. |
| Three-way corner (Off-set) | ![Diagram](three-way-corner-offset.png) | A: Right Cut, Three Way 120°  
B: Left Cut, Three Way 60°  
C: Offset Mitered 0° | The frame cut must be on module with the fascias. |
| Four-way corner         | ![Diagram](four-way-corner.png) | A: Four Way, 0°  
B: Four Way, 0°  
C: Four Way, 0°  
D: Four Way, 0° | The frame cut must be on module with the fascias. |
| Variable angle          | ![Diagram](variable-angle.png) | W = 110° - 170° (10° increments)  
A = Right Cut, Angled, [180°-(W÷2)]  
B = Left Cut, Angled, [W÷2] | The frame cut must be on module with the fascias. |
fascias
Focus fascias are available in glass or solid to provide varying levels of privacy.

**glass**

Glass fascias are ideal when light transmission is required through adjacent rooms and building spaces. Single or double glazing can be specified depending on the acoustic requirements of the space.

**solid**

Solid fascias allow for visual and acoustic privacy and can accommodate electrical receptacles.
Solid and glass fascias create the faces of Focus walls.

Solid Fascia (FWS1)
- Monolithic solid fascia

Glass Fascia (FWGA) and Glass Fascia – 12mm Thickness (FWGB)
- Tempered or Laminated
- Clear or Clear Low Iron
- Laminate, Flintwood and Veneer

Solid Fascia – 18” Height Cut Out (FWS3)
- Monolithic solid fascia with electric module integration
- Electrical cut outs are located 18” above the floor with one or two vertical cut outs

Glass Fascia Clerestory – 10mm Thickness (FWGSA) and Glass Fascia Clerestory – 12mm Thickness (FWGSB)
- Glass fascia for clerestory application
- Used with solid fascias to provide additional acoustic privacy

Insulation (FWI)
- For more information on clerestory applications, see the Clerestory section

Glass: Tempered or Laminated
Glass Finish: Clear or Clear Low Iron
Solid Fascia Finishes: Laminate, Flintwood and Veneer
The following outlines the available sizes for focus fascias.

Fascia height and width sizes shown are nominal with the ability to specify to 1/16” increments.

**glass fascias**

Ceiling height:
81” - 120” for tempered and laminate
10mm and 12mm

Glass width:
12” - 36” for 10mm
12” - 48” for 12mm

Maximum run:
24’ for 10mm
36’ for 12mm

**solid fascias**

Ceiling height: 84” - 120”
Fascia width: 12” - 48”
Maximum run width: 36’

**clerestory**

Ceiling height: 96” - 120”
Minimum solid fascia height: 72”
Maximum run width: 117-1/4”
Glass width range:
12” - 118-1/16” for 10mm/12mm
Glass height range:
8” - 42” for 10mm
8” - 44-12/16” for 12mm
The following demonstrates the variety of glass fascias that are available.

<table>
<thead>
<tr>
<th></th>
<th>Center glass</th>
<th>Offset glass</th>
<th>Double glass</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Inline</strong></td>
<td><img src="image" alt="Inline" /></td>
<td><img src="image" alt="Inline" /></td>
<td><img src="image" alt="Inline" /></td>
</tr>
<tr>
<td><strong>Two-way corner</strong></td>
<td><img src="image" alt="Two-way corner" /></td>
<td><img src="image" alt="Two-way corner" /></td>
<td><img src="image" alt="Two-way corner" /></td>
</tr>
<tr>
<td>(90° corner)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Three-way corner</strong></td>
<td><img src="image" alt="Three-way corner" /></td>
<td><img src="image" alt="Three-way corner" /></td>
<td><img src="image" alt="Three-way corner" /></td>
</tr>
<tr>
<td><strong>Four-way corner</strong></td>
<td><img src="image" alt="Four-way corner" /></td>
<td><img src="image" alt="Four-way corner" /></td>
<td><img src="image" alt="Four-way corner" /></td>
</tr>
<tr>
<td><strong>Variable angle</strong></td>
<td><img src="image" alt="Variable angle" /></td>
<td><img src="image" alt="Variable angle" /></td>
<td><img src="image" alt="Variable angle" /></td>
</tr>
<tr>
<td>Z: 110-170°</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10° increments</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
The following should be considered when planning with glass fascia connections.

<table>
<thead>
<tr>
<th></th>
<th>Restriction</th>
<th>Solution 1</th>
<th>Solution 2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Three-way connections</strong></td>
<td><img src="image1" alt="Diagram" /></td>
<td><img src="image2" alt="Diagram" /></td>
<td><img src="image3" alt="Diagram" /></td>
</tr>
<tr>
<td>Three-way corner connections cannot be planned off-module in center glass configurations.</td>
<td>Three-way corner connections can be achieved using on-module center glass.</td>
<td>Three-way on-module connection can also be achieved using double glass.</td>
<td></td>
</tr>
<tr>
<td><strong>In-line connectors</strong></td>
<td><img src="image4" alt="Diagram" /></td>
<td><img src="image5" alt="Diagram" /></td>
<td></td>
</tr>
<tr>
<td>Inline double glass connections cannot be off module.</td>
<td>On-module inline double glass connections can be used.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Variable connections</strong></td>
<td><img src="image6" alt="Diagram" /></td>
<td><img src="image7" alt="Diagram" /></td>
<td></td>
</tr>
<tr>
<td>The variable connector should not be used to create a glass wall of multiple small facets.</td>
<td>The variable connector should be used to join long spans of linear glass fascias at angles. Only one glass fascia with two variable angle connectors can be used in the same run.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Glass fascia widths</strong></td>
<td><img src="image8" alt="Diagram" /></td>
<td><img src="image9" alt="Diagram" /></td>
<td></td>
</tr>
<tr>
<td>Glass fascia modules cannot be below 12&quot; in width.</td>
<td>Eliminate small glass fascia modules when possible (must ensure local building code requirements allow in door applications).</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
planning with electrical fascias

Solid Fascia – 18” Height Cut Out (FWS3)
- Used in solid monolithic wall runs to house receptacles
- Available in widths of 12” - 48”
- One or two electrical vertical cut outs can be specified on each side
- Cut outs are off-center for back to back electrical mounting

Receptacle Module (FWRM)
- Provides power to Focus walls when using the solid fascia with the 18” high cut out
- Module mounts 18” above finished floor (AFF)
- The opening is always factory cut
planning with electrical fascias (continued)

The Solid Fascia – 18" Height Cut Out should be used when transitioning between different fascias types (in the same run).

Electrical receptacles **cannot** be mounted directly below a **clerestory** application when power is coming from the ceiling.

Specify electrical receptacles in a monolithic solid fascia adjacent to the clerestory application.
doors
Focus offers a variety of door styles that provide varying aesthetics and acoustic performance.

Pivot doors are composed of aluminum framed single or double glass to allow for varying levels of acoustic performance. Pivot mechanisms and hardware are integrated into the frame providing an uninterrupted visual.

Double pivot doors are similar to single leaf pivot doors and are used for formal entrances or boardroom applications with high traffic flow.

Sliding doors are ideal when floor space efficiency is required. They are center mounted and run parallel to the wall. Doors are composed of a glass panel with a minimal aluminum frame for hardware integration.

Double sliding doors are ideal for entrances of boardrooms and conference rooms where large door openings are required for higher traffic flow, while maintaining space efficiency.

Hinged doors are monolithic and are composed of either frameless glass or a solid wood slab. Hinge mechanisms and hardware are exposed, creating a door with a pronounced visual expression.
Pivot doors are a framed glass door with concealed hardware that provides an uninterrupted aesthetic to a Focus wall.

- Available in nominal heights from 84” – 120” with the ability to specify in 1” increments
- Available with or without a kickplate
- Available with or without a door drop seal to allow for additional acoustic
- Available with or without a closer and hold-open
- Available left or right handed
- Available cut conditions include no strike for a pull or with strike for a lever or cylindrical lock
- Available with Tempered or Laminated glass type
- Available with Clear or Clear Low Iron glass finish

For hardware options and finishes refer to the chart on the Planning with Hardware page in this section.

**Single Leaf Single Glazed Pivot Door (FWSSP)**
- A framed pivot door with a 45mm frame and a single 12mm glass panel
- Available in 40” and 42” nominal widths with clear openings of 34-1/4” (870mm) and 36-1/4” (921mm) respectively
- Opening with Closer 110˚, without closer 160˚
- Doors without Closer will be supplied with Magnetic Door Stop
- Doors with Closer will be supplied with Round Door Stop

**Single Leaf Double Glazed Pivot Door (FWSDP)**
- A pair of framed pivot door with a 100mm frame, 6mm inner and 10mm outer glass panels, 6mm glass is always Tempered
- Available in 40” and 42” nominal widths with clear openings of 32-1/16” (815mm) and 34-1/16” (866mm) respectively
- Opening with Closer 110˚, without closer 160˚
- Doors without Closer will be supplied with Magnetic Door Stop
- Doors with Closer will be supplied with Round Door Stop

**Double Leaf Pivot Door Frame (FWDPF)**
- Frame for single glazed pivot door, double frame consists of two vertical jamb extrusions
- Available in nominal widths of 78” and 84”

**Double Leaf Single Glazed Pivot Door (FWDSP)**
- A pair of framed double pivot doors with a 45mm frame and single 12mm glass panel
- Right hand door is always active, left door is inactive
- Available in 78” and 84” nominal widths with clear openings of 67-1/4” (1709mm) and 73-1/4” (1861mm) respectively
- Doors without Closer will be supplied with Magnetic Door Stop
- Doors with Closer will be supplied with Round Door Stop
The following outlines the features of pivot doors.

**Glass**
- 12mm insert for Single Glazed Pivot Door (FWSSP)
- 6mm inner and 10mm outer inserts for Double Glazed Pivot Door (FWSDP)
- Tempered or Laminated

**Patch cover**
- 108mm x 108mm for ALX and ND Series
- Lever centerline 39.625" (1006.5mm) above finished floor

**Drop seal**
- Actuator pin drops seal when door is closed against jamb and allows for additional acoustics
- Maximum drop of 20mm
- Casing finished in Clear Anodized only

**Pivot mechanism (interior view)**
- One pivot on top of door and one on bottom
- Finished to match frame

**Patch cover (exterior view)**
- Aluminum construction
- No exposed fasteners
- Finished to match frame

**Door frame**
- 25mm is visible from inside
- 38mm is visible from outside

**Door leaf stile**
- 57mm wide
- 45mm thick for Single Glazed Pivot Door (FWSSP) or 100mm thick for Double Glazed Pivot Door (FWSDP)
- Mitered construction
- Height Adjustment : +1/4"
- Lateral Adjustment : +1/8"

**Connections**
- Specified separately

**Door closer**
- Optional
- Concealed closer
- Adjustable closing speed
- Closer Arm and track finished in Clear Anodized only
- Hold Open feature is included with the Closer Mechanism
- Maximum 110˚ opening range
Ceiling frame
- Runs continuously above the door frame
- Can be used with
  - Single Centered Frame Assembly – Ceiling (FWCC)
  - Single Offset Frame Assembly – Ceiling (FWOC)
  - Double Frame Assembly – Ceiling (FWDC)
  - Solid Frame Assembly – Ceiling (FWSC)

Fascia
- Glass or solid
- Pivot doors cannot be planned below clerestory applications

Connections
- Adjacent fascias, electrical panels, wall starts and wall ends are specified separately
- Can be used with
  - Wall Door Start Solid (FWWDS)
  - Wall Door Start Single Centered Glass (FWWDGS)
  - Wall Door Start Double Glass (FWWDGD)
  - Wall Door Start Offset Glass (FWWDGO)
  - Used with Wall Start Door (FWHSD)
  - Used with Articulating Wall Start Door (FWWHD)
  - Used with Wall End Inline Door (FWTID)

Door frame
- Contains two universal door jambs and horizontal stopper
- Can be used with
  - Single Leaf Pivot Door Frame (FWSPF)
  - Double Leaf Pivot Door Frame (FWDSPF)

Door leaf
- Can be used with
  - Single Leaf Single Glazed Pivot Door (FWSSP)
  - Single Leaf Double Glazed Pivot Door (FWSDP)
  - Double Leaf Single Glazed Pivot Door (FWDSP)

When fascias are specified on both sides of the door (in the same run) it must be the same fascia type (example: center to center glass).
sliding door basics

Sliding doors provide a space saving solution by running parallel to the wall. The sliding door frame can be integrated into adjacent horizontal frames for a continuous storefront aesthetic.

**Single Leaf Sliding Door Framed (FWSSI)**
- A framed sliding door with a 26mm thick frame and a single 10mm glass panel
- Available for ceiling heights 84” – 120” in 1/16” increments
- Available with or without drop seal
- Available in 40” and 42” nominal widths with clear openings of 34” (863mm) and 36” (914mm) respectively
- Available with Tempered or Laminated glass
- Available with Clear or Clear Low Iron glass finish

**Double Leaf Sliding Door Framed (FWDASI)**
- A framed sliding door with a 26mm thick frame and a single 10mm glass panel
- Available with or without drop seal
- Available in 78” and 84” nominal widths with clear openings of 66 3/4” (1696mm) and 72 3/4” (1848mm) respectively
- Available with Tempered or Laminated glass
- Available with Clear or Clear Low Iron glass finish

**Single Leaf Sliding Door Infinite Frame (FWSIF)**
- Frame consists of top and base sliding rail, front and back jamb
- Can be spliced into standard horizontal frames
- Available with configurable rail length of 80” – 95-1/16” wide
- Available for double and single glazed sliding doors (Glass Fascias (FWGA/FWGB) must be specified separately)

**Double Leaf Sliding Door Infinite Frame (FWDIF)**
- Frame consists of top and base sliding rail, front and back jamb
- Can be spliced into standard horizontal frames
- Available with configurable rail length of 78” – 95-1/16” wide
- Available for double and single glazed sliding doors (Glass Fascias (FWGA/FWGB) must be specified separately)
The following outlines the features of sliding doors.

Both locking and non-locking versions of the sliding door are available. Doors are handed and the handedness is determined by the direction that the door slides.

**Sliding Top Rail**
- 50mm nominal height (+8mm, -7mm)
- Configurable length (84” - 95 15/16”)

**Front of Rail (Splice Point)**

- **Front jamb**
  - 60mm wide when combined with wall door starts

- **Door stile**
  - 14mm wide
  - 26mm thick

**Connections**
- Specified separately

**Back of Rail (Splice Point)**

- **Back jamb**
  - 28mm wide

**Door leaf glass**
- 10mm tempered or laminated

**Glass Sidelite Fascia**
- Specified separately
- 10mm and 12mm tempered or laminated
- Offset or double glass

**Sliding Base Rail**
- 47mm fixed height
- Configurable length

**36” (915mm) clear opening right hand door shown (exterior view)**

**Drop seal**
- Actuator lever drops seal in closed position
- Maximum drop of 18mm
- Casing finished in Clear Anodized only

**Patch cover (exterior view)**
- Die cast construction
- No exposed fasteners
- Finish to match frame

**Pull**
- Aluminum construction
- Adhered with tape
- Proportions match door stile

**Soft close roller**
- Standard offering
- +/- 3mm of leveling
- Center mounted on frame
Horizontal Frames

- Adjacent horizontal frames can be planned in two ways:
  1. Spliced into the sliding rail (same run)
  2. Separate from the sliding rail (break in run)
- The following frame types can be spliced into the front of the sliding rail:
  - Single Centered Frame Assembly – Ceiling (FWCC)
  - Single Offset Frame Assembly – Ceiling (FWOC)
  - Double Frame Assembly – Ceiling (FWDC)
  - Solid Frame Assembly – Ceiling (FWSC)
- The following frame types can be spliced into the back of the sliding rail:
  - Single Offset Frame Assembly – Ceiling (FWOC)/Single Offset Frame Assembly – Base (FWOB)
  - Double Frame Assembly – Ceiling (FWDC)/Double Frame Assembly – Base (FWDB)
- Any frame type can be applied on either side when separated from the sliding rail (break in run)

Fascias

- The following fascias can be applied directly to the front of the sliding rail:
  - Glass Fascia – 10mm Thickness (FWGA)
  - Glass Fascia – 12mm Thickness (FWGB)
  - Solid Fascia (FWS1)
  - Solid Fascia – 18” Height Cut Out (FWS3)
- The following fascias can be applied directly to the back of the sliding rail:
  - Glass Fascia – 10mm Thickness (FWGA)
  - Glass Fascia – 12mm Thickness (FWGB)
- Clerestory applications cannot be planned in the same run as the sliding door frame

Connections

- The following can be applied directly to the front of the sliding rail:
  - Wall Door Start Solid (FWWDSD)
  - Wall Door Start Double Glass (FWWDGD)
  - Wall Door Start Single Centered Glass (FWWDGS)
  - Wall Door Start Offset Glass (FWWDGO)
  - Wall Start Door (FWWHD)
  - Wall End Inline Door (FWTID)
- The following can be applied directly to the back of the sliding rail:
  - Wall Start Single Offset Glass (FWWGO)
  - Wall Start Double Glass (FWWGD)
  - Wall End Inline Offset Glass (FWWO)
  - Wall End Inline Double Glass (FWWD)
  - Inline Transition Connection – Offset Glass to Offset Glass (FWTIGOGO)
  - Inline Transition Connection – Double Glass to Double Glass (FWTIGDGD)
  - Inline Transition Connection – Single Centered Glass to Single Offset Glass (FWTIGSGO)
  - Inline Transition Connection – Double Glass to Single Glass (FWTIGDGS)
  - Inline Transition Connection – Double Glass to Offset Glass (FWTIGDGO)
The following should be considered when planning with sliding doors.

<table>
<thead>
<tr>
<th>Sliding Rail</th>
<th>Back of Rail (Splice Point)</th>
<th>Horizontal Frame</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sliding Rail</td>
<td>Back of Rail (Splice Point)</td>
<td>Horizontal Frame</td>
</tr>
</tbody>
</table>

The glass sidelite fascia can be off-module from the splice point, depending on the specific run length.
Glass is optimized to be same width.

The glass sidelite fascia can be on-module from the splice point, depending on the specific run length.
Glass is optimized to be same width.

The sliding rail **cannot** be spliced directly to create a corner joint (90˚, Three-Way, Four-Way) or variable angle.

The sliding rail can be spliced to create an inline joint.
An adjacent horizontal frame is required to create a corner joint (90˚, Three-Way, Four-Way) or variable angle.
The adjacent horizontal frame must be 12” minimum in length.
A horizontal frame cannot be spliced to the back of a door rail when the run length is between the following dimensions:

- 40” nominal doors: 80” – 91-15/16”
- 42” nominal doors: 84” – 95-15/16”

The sliding rail length must be configured when the overall run length is between 80” – 95-15/16”.

Use the minimum configurable rail length:

(A) 80” for 40” door widths, when the overall run length is (B) 92” or greater.

(A) 84” for 42” door widths, when the overall run length is (B) 96” or greater.
The back rails of two sliding door frames can be adjacent to each other if required.

The back and front rail of two sliding door frames cannot be spliced directly.

The back and front rails of two sliding door frames can be spliced with a section of horizontal framing. The horizontal frame must be 12” minimum in length.

The back and front rails of two sliding door frames can be separated with a break in run.
**double leaf**

A horizontal frame cannot be spliced to the back of a double leaf door rail when the run length is between the following dimensions:
- 78” nominal doors: 156” – 179-7/8” (78” – 89-15/16” to center)
- 84” nominal doors: 168” – 191-7/8” (84” – 95-15/16” to center)

The double leaf sliding rail length must be configured when the overall run length is between 156” – 191 7/8” (78” – 95 15/16” to center)

Use the minimum configurable rail length for double sliding doors when:
- (A) 78” to center for 78” nominal door widths, when the run length is (B) 90” to center (180” overall) or greater
- (A) 84” to center for 84” door widths, when the run length is (B) 96” to center (192” overall) or greater
The following information must be taken into consideration when planning and specifying sliding doors.

- Additional ceiling structure is required to accommodate the top rail of the sliding door. This is due to the absence of a third post in the door frame design.
- In drywall ceiling and bulkhead conditions, the structure above the ceiling is the responsibility of the General Contractor and must be installed in advance.
- In suspended ceiling conditions, consult with a Teknion representative regarding the specific structure required above the ceiling.
- Below is a general diagram of the type of structure required. Note specific structural requirements will be dependent on each building condition. Review with a Teknion representative if required.
Focus hinged doors are frameless and are available in glass or wood.

• Available in nominal heights from 84” - 120” with the ability to specify in 1” increments
• Frame width is 40” or 42” nominal
• Available with left or right door swing
• Available cut conditions include no strike for a pull or with strike for a lever
• Available with or without door drop seal

For hardware options and finishes, refer to the chart on the Planning with Hardware page in this section.
The following outlines the features of hinged doors.

**Connections**
- Specified separately

**Frameless glass**
- 10mm or 12mm tempered or tempered laminated

**Patch cover**
- 120mm x 100mm
- Lever CL 39.625” (1006.5mm) AFF

**Solid slab**
- 45mm thick

**Left swing shown (exterior view)**
- **Brush seal**
  - Optional
  - Manually adjustable
  - Maximum drop of 14 mm
  - Clear Anodized finish

**Right swing shown (exterior view)**
- **Frameless hinge (Interior view)**
  - All heights have three hinges
  - Clear or Brushed Black Anodized finish

- **Door closer**
  - Optional (Solid door only)
  - Concealed closer
  - Adjustable closing speed
  - Closer Arm and track finished in Clear Anodized only
  - Hold Open feature is not included as standard with the Closer Mechanism
  - Maximum 110° opening range

**Patch cover (exterior view)**
- Aluminum construction
- No exposed fasteners
- Finished to match frame

**Solid slab**
- 45mm thick
The following should be considered when planning with hinged doors.

**Ceiling frame**
- Runs continuously above the door frame
- Can be used with:
  - Single Centered Frame Assembly – Ceiling (FWCC)
  - Single Offset Frame Assembly – Ceiling (FWOC)
  - Double Frame Assembly – Ceiling (FWDC)
  - Solid Frame Assembly – Ceiling (FWSC)

**Partition/Fascia**
- Glass or solid
- Hinged doors cannot be planned below clerestory applications

**Connections**
- Connections for adjacent partitions/fascia, electrical panels, wall starts and wall ends are specified separately
- Can be used with:
  - Wall Door Start Solid (FWDSD)
  - Wall Door Start Single Centered Glass (FWSDS)
  - Wall Door Start Double Glass (FWSDGD)
  - Wall Door Start Offset Glass (FWSDGO)
- Used with Wall Start Door (FWWHD)
- Used with Articulating Wall Start Door (FWWAHD)
- Used with Wall End Inline Door (FWTID)

**Door frame**
- Contains two universal door jambs and horizontal stopper
- Can be used with:
  - Single Leaf Glazed Hinged Door (FWSSH), Single Leaf Solid Hinged Door (FWSOH)

**Door leaf**
- Can be used with Single Leaf Single Glazed Hinged Door (FWSSH), Single Leaf Solid Hinged Door (FWSOH)

When fascias are specified on both sides of the door (in the same run) they must be the same fascia type (example: center to center glass)
The following outlines the egress hardware available on the hinged, pivot and sliding door programs.

### Door Hardware Ladder Pull (FWDHLD)
- Tubular steel pull
- Non-locking: compatible with all doors except double glazed doors
- Locking: compatible with sliding doors only
- Configurable to ceiling heights 84”-120”, in 1” increments
- Finishes: Stainless or Painted

### Door Hardware Linear Pull (FWDHLN)
- Square aluminum pull
- Angular Design is compatible with hinged and pivot doors
- Perpendicular Design is compatible with sliding doors
- Compatible with single glazed, double glazed and solid leaf
- Non-locking only
- Lengths: 13” or 24”
- Finishes: Clear Anodized or Painted

### Door Hardware Schlage ALX Series (FWDHAL)
- Cylindrical lock set
- Compatible with hinged and pivot doors only
- Compatible with single glazed and solid leaf
- Non-locking and Locking options
- Lever Finishes: Satin Chrome and Matte Black
- Patch Finishes: Clear Anodized or Painted
- Strike Plate Finish: color coordinated with lever

### Door Hardware Schlage ND Series (FWDHND)
- Cylindrical lock set
- Compatible with hinged and pivot doors only
- Compatible with single glazed, double glazed and solid leaf
- Non-locking and Locking options
- Lever Finishes: Satin Chrome and Matte Black
- Patch Finishes: Clear Anodized or Painted
- Strike Plate Finish: color coordinated with lever
# Planning with Hardware

The following describes further details and restrictions of egress hardware available on the hinged, pivot and sliding door programs.

Egress hardware is a configurable kit of parts that is always specified separately from the door leaf.

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<tr>
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<th>Perpendicular Pulls</th>
<th>Non-Locking Options</th>
<th>Locking Options (with patch)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FWDHLN</td>
<td>FWDHLD</td>
<td>ALX Series</td>
<td>FWDHAL</td>
</tr>
<tr>
<td>FWDHND</td>
<td></td>
<td>(Cylindrical Lock set)</td>
<td></td>
</tr>
</tbody>
</table>

## Supplier

- Teknion
- Schlage

## Lever / Pull Type

- Square Aluminum Pull
- Tubular Steel Pull (1” diameter)
- Rhodes Lever

## Swing Door Compatibility

- Angular only
- Not compatible with double glazed pivot door or locking version
- Yes

## Sliding Door Compatibility

- Perpendicular only
- Yes
- N/A

## Length Options

- 13” or 24”
- Configurable to ceiling heights 84”-120” in 1” increments
- N/A
- N/A

## Height AFF

- 34-5/8” from bottom of pull
- Non-Locking: 40-5/16” from bottom of pull (nominal value)
- Locking: 36-1/2” from CL of cylinder (nominal value)
- 39-1/16” from CL of lever
- N/A

## Lock Function Details

- Non-Locking only
- Locking Option: Keyed outside, manual thumb turn inside
- Locking Option: Entrance/Office (keyed outside, push button inside)
- Non-Locking Option: Passage Latch or Dummy
- Locking Option: Entrance/Office (keyed outside, push button inside)
- Non-Locking Option: Passage Latch or Dummy

## Code Compliance

- ADA compliant
- ADA compliant (non-locking only)
- ADA compliant
- ADA compliant

## Cylinder & Core Details

- N/A
- Mortise Cylinder with Large Format Interchangeable Core
- Large Format Interchangeable Core
- Large Format Interchangeable Core

## Lever / Pull Finish Options

- Clear Anodized: Can match all standard paint finishes
- Satin Chrome and Matte Black (strike plate color coordinated with lever)
- Machined aluminum construction: Clear Anodized or Painted

## Patch Cover Details

- Die cast zinc construction Stainless or Painted
- Machined aluminum construction: Clear Anodized or Painted

- Pull finishes should be specified to match door leaf finish
- Patch finishes are driven by door leaf finish
- Doors specified with “interchangeable core cylinder” are keyed randomly (two keys provided per door) but can be removed by a universal control key
- After installation, customers may chose to relocate or replace interchangeable core cylinders to suit their security need
wall starts & wall ends
wall starts & wall ends

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WALL END BASICS .................................................. 75

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Focus offers a variety of wall starts that allow glass and solid fascias to connect to architectural walls.

Wall Start Single Centered Glass (FWWGS)
• Adjustable wall start for monolithic single centered glass fascias against drywall

Wall Start Single Offset Glass (FWWGOG)
• Adjustable wall start for monolithic single-offset glass fascias against drywall

Wall Start Double Glass (FWWGD)
• Adjustable wall start for monolithic double glass fascias against drywall

Wall Start Solid (FWWSD)
• Adjustable wall start for monolithic solid fascias against drywall

Wall Start Door (FWWHD)
• Adjustable wall start for pivot/hinged/sliding doors against drywall

Wall Start Single Centered Glass - Framed (FWWGSF)
• Adjustable wall start for clerestory with single centered glass

Wall Start Double Glass - Framed (FWWGDF)
• Adjustable wall start for clerestory with double glass
Focus offers a variety of articulating wall starts that allow glass and solid fascias to connect to architectural walls.

**Articulating Wall Start Single Centered Glass (FWWAGS)**
- Articulating adjustable wall start for monolithic single centered glass fascias against drywall

**Articulating Wall Start Single Offset Glass (FWWAGO)**
- Articulating adjustable wall start for monolithic single offset glass fascias against drywall

**Articulating Wall Start Double Glass (FWWAGD)**
- Articulating adjustable wall start for monolithic double glass fascias against drywall

**Articulating Wall Start Solid (FWWASD)**
- Articulating adjustable wall start for monolithic solid fascias against drywall

**Articulating Wall Start Door (FWWAHD)**
- Articulating adjustable wall start for pivot/hinged/sliding doors against drywall

Frame finishes: Clear Anodized and Painted
planning with wall starts

The following outlines the applications for each wall start type.

- **Wall Start Solid (FWWSD)**
  - Can be used with solid monolithic against drywall

- **Wall Start Single Offset Glass (FWWGO)**
  - Can be used with offset glass fascias against drywall

- **Wall Start Single Centered Glass - Framed (FWWGSF)**
  - Can be used with center glass clerestory against drywall

- **Wall Start Double Glass (FWWGD)**
  - Can be used with double glass fascias against drywall

- **Wall Start Double Glass - Framed (FWWGDF)**
  - Can be used with double glass clerestory against drywall

The following wall start examples also apply to articulating wall starts.

- **Articulating Wall Starts**
  - Adjustment range of (A) 45-135°.
  - Articulating Wall Start Single Centered Glass (FWWASD) shown.

- **Articulating point (+1/4", -1/4")**

The following outlines the applications for each wall start door.

- **Wall Start Door (FWWHD)**
  - Can be used with any door frame against drywall

- **Articulating Wall Start Door (FWWAHD)**
  - Adjustment range of (S) 90-110° (interior side)
  - Can be used with any door frame against drywall
Focus offers a variety of wall door starts that allow doors to connect to architectural walls.

Frame finishes: Clear Anodized and Painted

Wall Door Start Single Centered Glass (FWWDGS)
Allows for a single center glass monolithic fascia to connect to an adjacent pivot/hinge/sliding door.

Wall Door Start Offset Glass (FWWDGO)
Allows for a single offset glass monolithic fascia to connect to an adjacent pivot/hinge/sliding door.

Wall Door Start Double Glass (FWWDGD)
Allows for a double glass monolithic fascia to connect to an adjacent pivot/hinge/sliding door.

Wall Door Start Solid (FWWDSD)
Allows for a solid monolithic fascia to connect to an adjacent pivot/hinge/sliding door.
The following outlines the applications for each wall door start.

All wall door starts have a nominal depth of 23mm, Wall Door Start Solid (FWWDSD) shown.
Focus offers a variety of wall ends that connect to glass and solid fascias and doors.

- **Wall End Inline Single Centered Glass (FWWC)**
  - Wall end inline for monolithic single centered glass

- **Wall End Inline Offset Glass (FWWO)**
  - Wall end inline for monolithic offset glass

- **Wall End Inline Double Glass (FWWD)**
  - Wall end inline for monolithic double glass

- **Wall End Inline Solid (FWWS)**
  - Wall end inline for monolithic solid

- **Wall End Inline Door (FWTID)**
  - Wall end inline for pivot/hinged/sliding/doors

- **Wall End Single Centered Glass – Framed (FWWDGSF)**
  - Wall end inline for single centered glass in a clerestory application

- **Wall End Double Glass – Framed (FWWDGDF)**
  - Wall end inline for double glass in a clerestory application

Frame finishes: Clear Anodized and Painted
The following should be considered when planning with wall ends.

23mm

All wall ends have a nominal width of 23mm. Wall End Inline Solid (FWWS) shown

Wall End Inline Solid (FWWS)
Can be used with solid monolithic at wall ends

Wall End Inline Offset Glass (FWWO)
Can be used with offset glass fascias at wall ends

Wall End Single Centered Glass - Framed (FWWDGSF)
- Can be used with center glass clerestory at wall ends
- Corner Transition (FWTCD) must be specified in this application to add structural stability

Wall End Inline Double Glass (FWWD)
Can be used with double glass fascias at wall ends

Wall End Double Glass - Framed (FWWDGDF)
- Can be used with double glass clerestory at wall ends
- Corner Transition (FWTCD) must be specified in this application to add structural stability

Wall End Inline Door (FWTID)
- Can be used with any pivot, hinge or sliding door frame
- Corner transition (FWTCD) must be specified in this application
Focus wall ends can be used together with corner transitions to create typical and non-typical planning solutions with glass, solid and drywall fascias.

Examples:

**Four-way corner**
- One Corner Transition (FWTCD)
- Four Wall End Inline Solid (FWWS)

**Inline**
- One Corner Transition (FWTCD)
- One Wall End Inline Offset Glass (FWWO)
- One Wall End Inline Solid (FWWS)

**Three-way corner**
- One Corner Transition (FWTCD)
- Two Wall End Inline Offset Glass (FWWO)
- No wall end is required in this location, the corner transition mounts directly to the drywall

**Two-way corner**
- One Corner Transition (FWTCD)
- One Wall End Inline Offset Glass (FWWO)
- One Wall End Inline Centered Glass (FWWC)
planning with wall ends (continued)

construction

100mm x 100mm Corner Transition (FWTCD)

Wall end
(determined by fascia type)

Horizontal frames
(determined by fascia type)

Fascia
(any fascia type can be specified and can be used with clerestory application)
wall transitions
wall transitions

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Focus offers a variety of vertical wall transitions for inline connections of glass, solid, filler panels and doors.

Frame finishes: Clear Anodized or Painted

- **Inline Transition Connection – Solid to Solid (FWITSS)**
  Connects inline solid to solid monolithic partition/fascias in the same run

- **Inline Transition Connection – Solid to Double Glass (FWTISGD)**
  Connects inline solid fascias to double glass monolithic partition/fascias in the same run

- **Inline Transition Connection – Solid to Single Glass (FWTISGS)**
  Connects inline solid to single center glass monolithic partition/fascias in the same run
Inline transitions can be used as:

- A structural support for long spanning lengths of glass
- A wall run break for leveling reset or staggered ceiling
- A transition break for different finishes (example: back painted to clear)
- Glass fascia transitions

Frame finishes: Clear Anodized and Painted

**Inline Transition Connection – Single Glass to Single Glass (FWTIGSGS)**

Creates a vertical transition break between an inline single center to single center glass monolithic partition

**Inline Transition Connection – Single Centered Glass to Single Offset Glass (FWTIGSGO)**

Creates a vertical transition break between an inline single center to single center glass monolithic partition

**Inline Transition Connection – Offset Glass to Offset Glass (FWTIGOGO)**

Creates a vertical transition break between an inline single center to single center glass monolithic partition

**Inline Transition Connection – Double Glass to Single Glass (FWTIGDGS)**

Creates a vertical transition break between an inline single center to single center glass monolithic partition

**Inline Transition Connection – Double Glass to Offset Glass (FWTIGDGO)**

Creates a vertical transition break between an inline single center to single center glass monolithic partition

**Inline Transition Connection – Double Glass to Double Glass (FWTIGDGD)**

Creates a vertical transition break between an inline single center to single center glass monolithic partition
Inline Transition Connection – Focus to Altos (FWTIFA)

The following describes inline transitions from Focus to Altos:

- Primarily used in demising wall applications
- Ideal when furniture integration is required
- Only used in inline applications
- Focus side of transition must be monolithic glass (single centered, offset or double glazed)
- Altos side of transition can be planned with monolithic solid (portrait/landscape), clerestory or any door type if required

Frame finishes: Clear Anodized and Painted

Single Center Glass
FWTIFA (C)

Single Offset option
FWTIFA (O)

Double Glass
FWTIFA (D)

Inline Transition Connection – Focus to Altos (FWTIFA)

Creates a vertical transition break between an inline Focus monolithic single centered, single offset and double glass partition to Altos
Focus offers a variety of vertical wall transitions for connecting glass, solid, filler panels and doors in clerestory applications.

- **Inline Transition Connection – Framed Condition – Solid to Double Glass (FWITSGDF)**
  - Connects inline solid to double glass fascias when transitioning from a monolithic to clerestory partition/fascia in the same run.
  - Creates a 3mm reveal between adjacent fascias.

- **Inline Transition Connection – Framed Condition – Solid to Solid (FWITSS)**
  - Connects inline solid to solid clerestory partition/fascias in the same run.
  - Creates a 3mm reveal between adjacent fascias.

- **Inline Transition Connection – Framed Condition – Solid to Single Centered Glass (FWITSGSF)**
  - Connects inline solid to single center glass fascias when transitioning from a monolithic to clerestory partition/fascia in the same run.

Frame finishes: Clear Anodized and Painted.
Focus offers a variety of corner transitions that can be used with or without wall ends to create a two-way, three-way and four-way connections.

Frame finishes: Clear Anodized and Painted

Corner Transition (FWTCD)

Can be combined with wall end runs to create unique inline, corner, three-way and four-way transitions.
glass connectors
Focus offers a variety of connectors for glass to glass connections that are available in aluminum, polycarbonate or tape options to provide a refined aesthetic.

Frame finishes: Clear Anodized
Glass Connection finishes: Clear Anodized

**Glass Connector Kit Inline Clear Plastic (FWIP)**
Available for 10mm and 12mm glass

**Glass Connector Kit Inline Tape (FWIT)**
Available for 10mm and 12mm glass

**Glass Connector Kit Inline Variable Angle (FWIV)**
- Allows for variable angle glass walls from 110°-170° (at 10° increments)
- Available in aluminum only

**90° Glass Connector Kit (FWCN)**
- Corner Connection types available include tape and plastic tube
- Available for 10mm and 12mm glass

**Three-Way Glass Connector Kit (FWCT)**
- Corner Connection types available include tape and plastic tube
- Available for 10mm and 12mm glass
The following outlines the options available for connecting glass fascias.

When specifying glass connections the following should be considered:
• There is only one inline connection type per run
• Corner and variable angle connections can be specified separately

<table>
<thead>
<tr>
<th></th>
<th>Aluminum joined with tape</th>
<th>Clear plastic joined with tape</th>
<th>Tape</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Inline</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Two-way (90° corner)</td>
<td></td>
<td>90° Glass Connector Kit (FWCN)</td>
<td>90° Glass Connector Kit (FWCN)</td>
</tr>
<tr>
<td>Three-way corner</td>
<td></td>
<td>Three-Way Glass Connector Kit (FWCT)</td>
<td></td>
</tr>
<tr>
<td>Variable angle</td>
<td></td>
<td>Glass Connector Kit Inline Variable Angle (FWIV)</td>
<td></td>
</tr>
</tbody>
</table>
accessories & electrics
accessories & electrics

ACCESSORIES & ELECTRICS BASICS .......................... 94

PLANNING WITH DOOR STOPS ............................. 95
Focus offers a variety of accessories and electrical options for walls and doors.

- **Leveling Shim Kit (FWLS)**
  - Adjustable plastic shims allow for micro-leveling under glass and solid fascias during installation

- **Door Stop (FWRS)**
  - Available in two door stop types: circular and magnetic

- **Safety Corner (FWSF)**
  - Clear plastic component can be snapped onto 90˚ mitered base track for added protection

- **Splice Kit (FWSK)**
  - Connects two straight end frame sections together

- **Ceiling Clip (FWCK)**
  - Mounts above a ceiling to allow for the mounting of ceiling frames
  - Only available in 5’ length

- **Receptacle Module (FWRM)**
  - Mounts into a solid fascia to provide power access
  - Available receptacle type includes standard or isolated ground
  - Available Black or White
  - Available 15 amp or 20 amp

- **Control Key (FWKK)**
  - Used to remove or install an interchangeable core
The following outlines the features of Focus door stops.

<table>
<thead>
<tr>
<th>Description</th>
<th>Magnetic door stop</th>
<th>Circular door stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>Teknion code</td>
<td>Door Stop, Type 1 (FWRS1)</td>
<td>Door Stop, Type 2 (FWRS2)</td>
</tr>
<tr>
<td>Finish</td>
<td>Stainless Steel (Grey Powder Coated Shims)</td>
<td>Stainless Steel (Black bumper)</td>
</tr>
<tr>
<td>Swing door compatibility</td>
<td>Framed pivot doors and Solid hinged door</td>
<td>All pivot / hinged door types</td>
</tr>
<tr>
<td>Other features</td>
<td>Shim kit for leveling included Magnetic feature holds door open</td>
<td></td>
</tr>
</tbody>
</table>

When planning with the door stop:

1. Whenever possible, place the stop close to nearby walls so it is not an obstacle to the path of travel.
2. Ensure the stop prevents door hardware (example: pulls, levers) from making contact with nearby walls.
3. Position the stop so it is close to the outer edge of the door leaf for maximum support in the open position. The door stop need to be installed at 4” from handle side.
clerestory
A Focus clerestory module consists of solid and glass fascias combined with horizontal frames and trims.

Clerestory size restrictions:
- Ceiling height: 96” - 120”
- Minimum solid fascia height: 72”
- Glass width range: 12” - 118-1/16” for 10mm/12 mm
- Glass height range: 8” - 42” for 10mm, 8” - 44-12/16” for 12mm
- Maximum run width: 117-1/4”

solid to center glass

solid to double glass
The following outlines the possible framing and connection conditions when planning with center and double glass clerestory.

**Wall Start**
- Single Centered Glass – Framed (FWWGSF)
- Double Glass Framed (FWWGDF)

**Wall End**
- Single Centered Glass – Framed (FWWDGSF)
- Double Glass – Framed (FWWDGDF)

**Corner Transition** (FWTCD)

**Inline Transition**
- Connection – Framed Condition – Solid to Double Glass (FWITSSF)
- Connection – Framed Condition – Solid to Single Centered Glass (FWITSSSF)

**Monolithic Glass Fascia to Clerestory (segmented type 2)**
- Glass to glass connection

**Monolithic Solid Fascia to Clerestory (segmented type 1)**
- Inline Transition Connection – Framed Condition – Solid to Double Glass (FWTSGDF)
- Inline Transition Connection – Framed Condition – Solid to Single Centered Glass (FWTSGSF)
Three main types of elevation compositions are possible with clerestory. Each image represents a generic configuration based on the rules provided.

### Clerestory

- **Solid**
  - Non-monolithic fascia only
- **Glass**
  - Single non-monolithic fascia only
  - 10 or 12mm
  - Tempered or Laminated
  - Single Centered or Double Glazed
- **Vertical Framing**
  - Required on both sides (wall start or wall end)

### Segmented Type 1

- **Solid**
  - Single monolithic fascia on one side only
- **Glass**
  - Single non-monolithic fascia only
  - 10 or 12mm
  - Tempered or Laminated
  - Single Centered or Double Glazed
- **Vertical Framing**
  - Required on both sides (wall start or wall end)

### Segmented Type 2

- **Solid**
  - Non-monolithic fascia only
- **Glass**
  - Single monolithic fascia on one side only
  - 12mm only
  - Tempered
  - Glass Connector Kit Inline Tape (FWIT) only
  - Single Centered or Double Glazed
- **Vertical Framing**
  - Required on both sides (wall start or wall end)
The following restrictions apply when planning with clerestory.

Glass **cannot** be segmented in clerestory applications.

Glass must be full width in clerestory applications.

Clerestory **cannot** be used inline with a door.

Clerestory **cannot** be used above a door.