what is focus?
what is focus?

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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 \textbf{cannot} expand more than 19mm over 10’ in one wall run (+8mm in ceiling, + 11mm in floor)
- The finished floor to ceiling height \textbf{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:

Legend summary
A: Nominal leveling reset
B: Nominal set point
Compressible shim required on either end
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.
what is focus?

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

Fixed wall run conditions

End to end
B/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

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

Please note any door can be joined to any wall if desired, but may not be an ideal acoustic solution.
application guide
frames & trims product map

FWCC  Single Centered Frame Assembly – Ceiling

FWCB  Single Centered Frame Assembly – Base

FWOC  Single Offset Frame Assembly – Ceiling

FWOB  Single Offset Frame Assembly – Base

FWDC  Double Frame Assembly – Ceiling

FWDB  Double Frame Assembly – Base

FWSB  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>FWG A</th>
<th>Glass Fascia – 10mm Thickness</th>
<th>FWG B</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>Insulation</td>
<td>FW3</td>
<td>Solid Fascia – 18” Height Cut Out</td>
</tr>
</tbody>
</table>

FWI  Insulation

FW 1 Solid Fascia

FW 3 Solid Fascia – 18” Height Cut Out
doors product map

F W S P F  Single Leaf Pivot Door Frame

F W S I F  Single Leaf Sliding Door Infinite Frame

F W D H L D  Door Hardware Ladder Pull

F W D H L N  Door Hardware Linear Pull

F W D H A L  Door Hardware Schlage AL Series

F W D H N D  Door Hardware Schlage ND Series
wall starts & wall ends product map

- F W W G S  Wall Start Single Centered Glass
- F W W G O  Wall Start Single Offset Glass
- F W W D G D  Wall Start Double Glass
- F W W S D  Wall Start Solid
- F W W G D S  Wall Door Start Single Centered Glass
- F W W D G O  Wall Door Start Offset Glass
- F W W D G D  Wall Door Start Double Glass
- F W W D S D  Wall Door Start Solid
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
wall starts & wall ends product map

FWWDSF Wall End Single Centered Glass – Framed

FWWDF Wall End Double Glass – Framed
wall transitions product map

FW T C D Corner Transition

FW I T S S Inline Transition Connection – Solid to Solid

FW T I S G D Inline Transition Connection – Solid to Double Glass

FW T I S G S Inline Transition Connection – Solid to Single Glass

FW T I G S G S Inline Transition Connection – Single Glass to Single Glass

FW T I G S G O Inline Transition Connection – Single Centered Glass to Single Offset Glass

FW T I G O G O Inline Transition Connection – Offset Glass to Offset Glass

FW T I G D G S Inline Transition Connection – Double Glass to Single 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

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

FWTIFA Inline Transition Connection –
Focus to Altos
application guides

**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
accessories & electrics product map

F W L S  Leveling Shim Kit  
F W R S  Door Stop

F W S F  Safety Corner  
F W S K  Splice Kit

F W C K  Ceiling Clip  
F W R M  Receptacle Module
frames & trims
frames & trims

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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)
- Single Centered Frame Assembly – Base (FWCB)
- Single Offset Frame Assembly – Ceiling (FWOC)
- Single Offset Frame Assembly – Base (FWOB)
Double and solid frame assemblies allow for double 10mm or 12mm glass or solid fascias to be mounted to the 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.

Double Frame Assembly – Ceiling (FWDC)
• Adjustable ceiling frame for double glass fascias
• Safety corners are used to soften corner edges; for more information see the Accessories & Electrical section

Double Frame Assembly – Base (FWDB)
• Adjustable base frame for double glass fascias

Solid Frame Assembly – Ceiling (FWSG)
• Adjustable ceiling frame for solid fascias

Solid Frame Assembly – Base (FWSB)
• Adjustable base frame for solid fascias
• Safety corners are used to soften corner edges, for more information see the Accessories & Electrical section.
The Focus horizontal trim provides a minimal horizontal trim that connects solid to glass fascias in clerestory applications.

For Clerestory planning information, please 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
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)

**Maximum ceiling to floor height**
- + 19mm

**Nominal ceiling to floor height**
- Set point (0mm)

**Minimum ceiling to floor height**
- - 11mm

Glass height = Nominal ceiling height - 74mm

4.5mm Glass clearance

FF = Finished floor
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_diagram.png) | A: Right Cut, Angled, 90°  
B: Left Cut, Angled, 90° | The frame cut must be on module with the fascias. |
| Two-way corner       | ![Diagram](Two-way_corner_diagram.png) | A: Right Cut, Angled, 135°  
B: Left Cut, Angled, 45° | The frame cut must be on module with the fascias. |
| (90° Corner)         |         |                   |                                     |
| Three-way corner     | ![Diagram](Three-way_corner_diagram.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. |
| (Centered)           |         |                   |                                     |
| Three-way corner     | ![Diagram](Three-way_corner_off_diagram.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. |
| (Off-set)            |         |                   |                                     |
| Four-way corner      | ![Diagram](Four-way_corner_diagram.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_diagram.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
fascias

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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 – 10mm Thickness (FWGA) and Glass Fascia – 12mm Thickness (FWGB)**
  - Monolithic glass fascias
  - Two glass edge styles are available
    - straight on both sides
    - mitered on one side and straight on the other

- **Glass Fascia Clerestory – 10mm Thickness (FWGSA) and Glass Fascia Clerestory – 12mm Thickness (FWGSB)**
  - Glass fascia for clerestory application
  - For more information on clerestory applications, please see the Clerestory section

- **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

- **Insulation (FWI)**
  - Used with solid fascias to provide additional acoustic privacy

- **Glass Type**: 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:
84” - 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:
12” - 42” for 10mm
12” - 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>Inline</td>
<td><img src="image1" alt="Inline" /></td>
<td><img src="image2" alt="Offset Inline" /></td>
<td><img src="image3" alt="Double Inline" /></td>
</tr>
<tr>
<td>Two-way corner (90° corner)</td>
<td><img src="image4" alt="Two-way Corner" /></td>
<td><img src="image5" alt="Offset Two-way Corner" /></td>
<td><img src="image6" alt="Double Two-way Corner" /></td>
</tr>
<tr>
<td>Three-way corner</td>
<td><img src="image7" alt="Three-way Corner" /></td>
<td><img src="image8" alt="Offset Three-way Corner" /></td>
<td><img src="image9" alt="Double Three-way Corner" /></td>
</tr>
<tr>
<td>Four-way corner</td>
<td><img src="image10" alt="Four-way Corner" /></td>
<td><img src="image11" alt="Offset Four-way Corner" /></td>
<td><img src="image12" alt="Double Four-way Corner" /></td>
</tr>
<tr>
<td>Variable angle</td>
<td><img src="image13" alt="Variable Angle" /></td>
<td><img src="image14" alt="Offset Variable Angle" /></td>
<td><img src="image15" alt="Double Variable Angle" /></td>
</tr>
<tr>
<td>Z: 110-170°</td>
<td>10° increments</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
The following should be considered when planning with glass fascia connections.

<table>
<thead>
<tr>
<th>Three-way connections</th>
<th>Restriction</th>
<th>Solution 1</th>
<th>Solution 2</th>
</tr>
</thead>
<tbody>
<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>
</tbody>
</table>

<table>
<thead>
<tr>
<th>In-line connectors</th>
<th>Restriction</th>
<th>Solution 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inline double glass connections cannot be off module.</td>
<td>On-module inline double glass connections can be used.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Variable connections</th>
<th>Restriction</th>
<th>Solution 1</th>
</tr>
</thead>
<tbody>
<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>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Glass fascia widths</th>
<th>Restriction</th>
<th>Solution 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glass fascia modules cannot be below 12” in width.</td>
<td>Eliminate small glass fascia modules when possible (must ensure local building code requirements allow in door applications).</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
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
doors

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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.

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 Pivot Door Frame (FWSPF)
- Available for double and single glazed pivot doors
- Consists of two vertical jamb extrusions
- Frame width is 42”

Single Leaf Single Glazed Pivot Door (FWSSP)
- A framed pivot door with a 45mm frame and a single 12mm glass panel
- Clear Opening is 36-3/16” (919.5mm) wide
- 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
- Clear opening is 34-1/16” (865mm) wide
- 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 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
- Clear Opening is 72-5/8” (1846mm) wide
- Doors without Closer will be supplied with Magnetic Door Stop
- Doors with Closer will be supplied with Round Door Stop

Single Leaf Pivot Door (FWSP) with Schlage series door hardware (FWDHAL/FWDHND)
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 AL 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

**Door frame**
- 25mm wide inside
- 38mm wide 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”

**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

**Connections**
- Specified separately

**Right swing shown (exterior view)**
planning with pivot doors (continued)

**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

**Connection**
- 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 (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 (FWDPF)

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 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 a left or right door slide
- Available with or without drop seal
- Clear Opening is 36” (915mm) wide
- Available with Tempered or Tempered-Laminated glass type
- 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 84” – 95-15/16” wide
- Available for double and single glazed sliding doors (Glass Fascias (FWGA/FWGB) must be specified separately)

For hardware options and finishes, please refer to the chart on the Planning with Hardware page in this section.
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
planning with sliding doors (continued)

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 (FWWSD)
  - Wall Door Start Single Centered Glass (FWWDC)
  - Wall Door Start Double Glass (FWWDD)
  - Wall Door Start Offset Glass (FWWOD)
  - Wall Start Door (FWWSD)
  - 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.

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 the rail when the overall run length is between 84” – 95-15/16”

The sliding rail length must be configured when the overall run length is between 84” – 95-15/16”

Use the minimum configurable rail length (84”) when the overall run length is 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.
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 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, please 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

**Right swing shown**
- Exterior view

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

**Frameless hinge (Interior view)**
- Heights up to 108” have three hinges and heights greater than 108” have four hinges
- Clear or Brushed Black Anodized finish

**Drop seal**
- Optional
- Actuator pin drops seal when door is closed against jamb
- Maximum drop of 11mm
- Casing finished in Clear Anodized only

**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
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 (FWWDSD)
  - Wall Door Start Single Centered Glass (FWWDGS)
  - Wall Door Start Double Glass (FWWDGD)
  - Wall Door Start Offset Glass (FWWDGO)
  - Used with Wall Start Door (FWWHD)
  - Used with Wall End Inline Door (FWTID)

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

**Door frame**
- Contains two universal door jambs and horizontal stopper
- Can be used with:
  - Single Leaf Hinged Door Frame (FWSHF)

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
- Compatible with hinged, pivot and sliding doors
- Compatible with single glazed and solid leaf
- Non-locking and Locking options
- 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 AL 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
- Patch Finishes: Clear Anodized or Painted

**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
- Patch Finishes: Clear Anodized or Painted
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.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Supplier</th>
<th>Lever / Pull Type</th>
<th>Swing Door Compatibility</th>
<th>Sliding Door Compatibility</th>
<th>Length Options</th>
<th>Height AFF</th>
<th>Lock Function Details</th>
<th>Code Compliance</th>
<th>Cylinder &amp; Core Details</th>
<th>Lever / Pull Finish Options</th>
<th>Patch Cover Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>FWDHLN</td>
<td>Teknion</td>
<td>Square Aluminum Pull</td>
<td>Angular only</td>
<td>Perpendicular only</td>
<td>13” or 24”</td>
<td>34-5/8” from bottom of pull</td>
<td>Non-Locking only</td>
<td>ADA compliant</td>
<td>N/A</td>
<td>Clear Anodized: Can match all standard paint finishes</td>
<td>N/A</td>
</tr>
<tr>
<td>FWDHLD</td>
<td>Teknion</td>
<td>Tubular Steel Pull (1” diameter)</td>
<td>Not compatible with double glazed pivot door or locking version</td>
<td>Yes</td>
<td>N/A</td>
<td>Non-Locking: 40-5/16” from bottom of pull (nominal value)</td>
<td>Locking Option: Entrance/Office (keyed outside, manual thumb turn inside)</td>
<td>ADA compliant</td>
<td>N/A</td>
<td>Clear Anodized: Can match all standard paint finishes</td>
<td>N/A</td>
</tr>
<tr>
<td>AL Series (Cylindrical Lock set)</td>
<td>Schlage</td>
<td>Saturn Lever</td>
<td>Not compatible with double glazed pivot door</td>
<td>N/A</td>
<td>39-1/16” from CL of lever</td>
<td>Non-Locking Option: Passage Latch or Dummy</td>
<td>N/A</td>
<td>ADA compliant</td>
<td>N/A</td>
<td>Clear Anodized: Can match all standard paint finishes</td>
<td>N/A</td>
</tr>
<tr>
<td>ND Series</td>
<td>Schlage</td>
<td>Rhodes Lever</td>
<td>Yes</td>
<td>N/A</td>
<td>39-1/16” from CL of lever</td>
<td>Non-Locking Option: Passage Latch or Dummy</td>
<td>N/A</td>
<td>ADA compliant</td>
<td>N/A</td>
<td>Clear Anodized: Can match all standard paint finishes</td>
<td>N/A</td>
</tr>
<tr>
<td>AL Series (Cylindrical Lock set)</td>
<td>Schlage</td>
<td>Rhodes Lever</td>
<td>Yes</td>
<td>N/A</td>
<td>39-1/16” from CL of lever</td>
<td>Non-Locking Option: Passage Latch or Dummy</td>
<td>N/A</td>
<td>ADA compliant</td>
<td>N/A</td>
<td>Clear Anodized: Can match all standard paint finishes</td>
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<tr>
<td>AL Series (Cylindrical Lock set)</td>
<td>Schlage</td>
<td>Rhodes Lever</td>
<td>Yes</td>
<td>N/A</td>
<td>39-1/16” from CL of lever</td>
<td>Non-Locking Option: Passage Latch or Dummy</td>
<td>N/A</td>
<td>ADA compliant</td>
<td>N/A</td>
<td>Clear Anodized: Can match all standard paint finishes</td>
<td>N/A</td>
</tr>
</tbody>
</table>

- 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 (one key provided per door)
- After installation, customers may choose 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 DOOR START BASICS ..................................... 70

PLANNING WITH WALL DOOR STARTS ..................... 71

WALL END BASICS .................................................. 72

PLANNING WITH WALL ENDS ................................. 73
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 (FWWGO)
- 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

Frame finishes: Clear Anodized and Painted
The following outlines the application for each wall start type.

All wall starts have a nominal width of 50mm, Wall Start Solid (FWWS)(shown)

Wall Start Solid (FWWS)
Can be used with solid monolithic against drywall

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

Wall Start Double Glass (FWGD)
Can be used with double glass fascias against drywall

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

Wall Start Door (FWHD)
Can be used with any pivot or hinge door frame against drywall
Focus offers a variety of wall door starts that allow doors to connect to architectural walls.

**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. 

Wall Door Start Solid (FWWDSD) 
Wall Door Start Single Centered Glass (FWWDGS) 
Wall Door Start Double Glass (FWWDGD) 
Wall Door Start Offset Glass (FWWDGO)

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 Single Centered Glass – Framed (FWWDGSF)
Wall End Inline Single Centered Glass (FWWC)
Wall End Inline Offset Glass (FWWO)
Wall End Inline Double Glass (FWWD)
Wall End Inline Solid (FWWS)
Wall End Double Glass – Framed (FWWDGDF)
Wall End Inline Door (FWTID)
Wall End Single Centered Glass-Framed (FWWDGDF)

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

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)
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

INLINE WALL TRANSITION BASICS .............................. 78

WALL TRANSITIONS FOR CLERESTORY BASICS .................. 81

WALL TRANSITIONS CORNER BASICS ............................. 82
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: backpainted 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
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

**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 (FWTSGDF)**
- 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 Single Centered Glass (FWTSGSF)**
- Connects inline solid to single center glass fascias when transitioning from a monolithic to clerestory partition/fascia in the same run

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

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
glass connectors

GLASS CONNECTOR BASICS . . . . . . . . . . . . . . . . . . . . . . . . . . . 86

PLANNING WITH GLASS CONNECTORS . . . . . . . . . . . . . . . . . . . 87
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.

- **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
### Planning with Glass Connectors

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></td>
<td><img src="image1.png" alt="Glass Connector Kit Inline Clear Plastic" /></td>
<td><img src="image2.png" alt="Glass Connector Kit Inline Tape" /></td>
<td></td>
</tr>
<tr>
<td><strong>Two-way (90° corner)</strong></td>
<td><img src="image3.png" alt="90° Glass Connector Kit" /></td>
<td><img src="image4.png" alt="90° Glass Connector Kit" /></td>
<td></td>
</tr>
<tr>
<td><strong>Three-way corner</strong></td>
<td><img src="image5.png" alt="Three-Way Glass Connector Kit" /></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Variable angle</strong></td>
<td><img src="image6.png" alt="Glass Connector Kit Inline Variable Angle" /></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
accessories & electrics
accessories & electrics

ACCESSORIES & ELECTRICS BASICS ............................................ 90

PLANNING WITH DOOR STOPS ................................................. 91
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
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 only</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
clerestory

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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: 12” - 42” for 10mm, 12” - 44-12/16” for 12 mm
- 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 to Clerestory

- Single Centered Glass - Framed (FWWGSF)
- Double Glass Framed (FWWGDF)
- Glass to glass connection
- Inline Transition
- Connection – Framed Condition – Solid to Double Glass (FWTSGDF)
- Inline Transition
- Connection – Framed Condition – Solid to Single Centered Glass (FWTSGSF)
- Corner Transition (FWTCD)

### Wall End to Clerestory

- Single Centered Glass - Framed (FWWGSF)
- Double Glass Framed (FWWGDF)
- Inline Transition
- Connection – Framed Condition – Solid to Double Glass (FWTSGDF)
- Inline Transition
- Connection – Framed Condition – Solid to Single Centered Glass (FWTSGSF)
- Monolithic glass fascia to clerestory (segmented type 2)
- Monolithic solid fascia to clerestory (segmented type 1)
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.