

Sliding Door - Features & Benefits

FRAME

- Robust 102mm semi commercial aluminium door frame.
- Combine with windows or can be used in integrated with Trend®'s Crestlite® commercial applications.

PANELS

- 50mm wide aluminium door panel sash section.
- Individual panels can measure up to 2700mm high and 1500mm wide.
- Panels can be reversed*.
- Operating panels are removable - by lifting the sash up into the head.
- Panel punched holes are fitted with infill caps.
- Heavy duty double bogey roller system.
- Five types of interlockers are available.

*Striker holes in jamb will be visible.

SILL

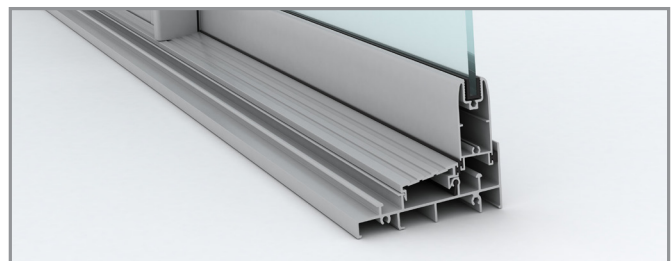
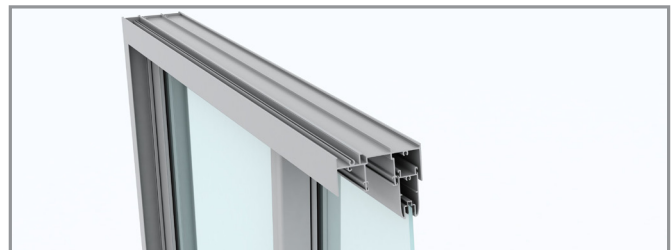
- Aluminium threshold features the Easyrider sill which is ideal for wheelchair access.
- Protected rolling track – an extruded aluminium splayed threshold protects both glass door and fly door rolling tracks.

GLAZING & ENERGY EFFICIENCY

- All Trend® Windows and Doors comply with Australian Standards AS1288.
- Glazing options from 4mm single glazed to 18mm insulated glazed units (IGUs).
- Available in a range of glazing options.
- Safety Grade "A" toughened glass as standard.
- Energy efficiency options available to help reduce home energy consumption.
- All glazing options are Window Energy Rating Scheme (WERS) rated - providing a wide range of energy efficient solutions.

ACOUSTICS

- Acoustic solutions available for improved noise reduction.
- High R_w ratings available.



WIND & WATER RATINGS

- All Trend® Windows and Doors are designed to meet and surpass 700Pa wind velocity rating and 150Pa water penetration rating and comply with Australian Standards AS2047.
- Pascal deflection rates up to 2200Pa.
- Sliding Door rated at an air infiltration of 1.33L/s m².



Sliding Door - Features & Benefits

SECURITY

- Dead lock supplied as standard.
- Optional barrier, security and **Prowler Proof** screens available.

BUSHFIRE

- Xtreme® Bushfire Protection option available.
- Xtreme® options have been tested by CSIRO to meet BAL-40 - compliant to AS1530.8.1 within Australian Standards AS3959-2009.



HARDWARE

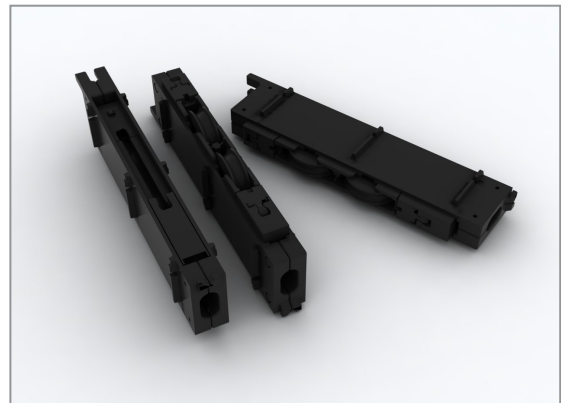
- **Infinity** Satin Chrome hardware supplied as standard**
- Optional Slimline and Dura handles are available
- Optional colours available are:
 - Pearl White
 - Stone Beige
 - Anodic Natural Matt
 - Gloss Black
- Door locks can be keyed alike to other Quantum® door products for ease of use.
- Heavy duty dual roller system.

***Infinity "D" handle supplied as standard
(See picture top right hand corner)*



BUILD-IN ACCESSORIES

- 180° non-load bearing couplers.
- 135° non-load bearing corner couplers.
- 100mm aluminium architraves for replacement door installations.
- Adjustable storm mould.
- Extruded aluminium 180° mullion covers to hide load bearing posts.



OPTIONS

- Glazing options also available in bar layout styles:
 - Colonial
 - Federation
 - Ovolo glazing bar style*
- Wide range of powder coating colours.
- Customised WERS ratings.
- Variety of sizes and custom made options available.
- Variety of configuration options available.

**Ovolo only available in single glazing.*

DELIVERY

- Protective wrapping for delivery to site comes standard for all Quantum® products.



Please note that drawings displayed are not to scale





Quantum[®] Sliding Door Installation

Sliding Door - Installation

Building In Detail | Brick Veneer - 240mm wall



INSTALLING FRAME CORRECTLY

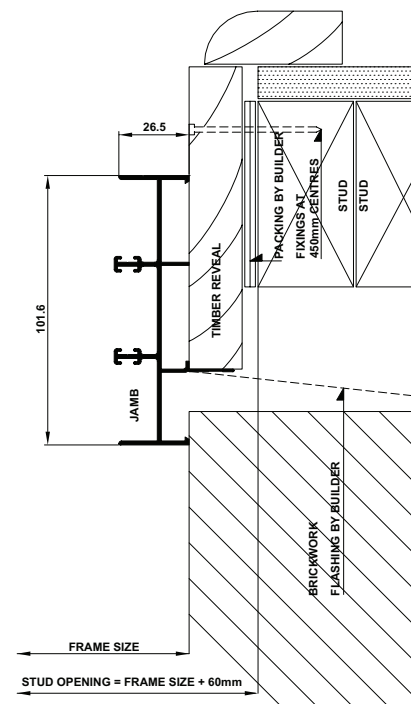
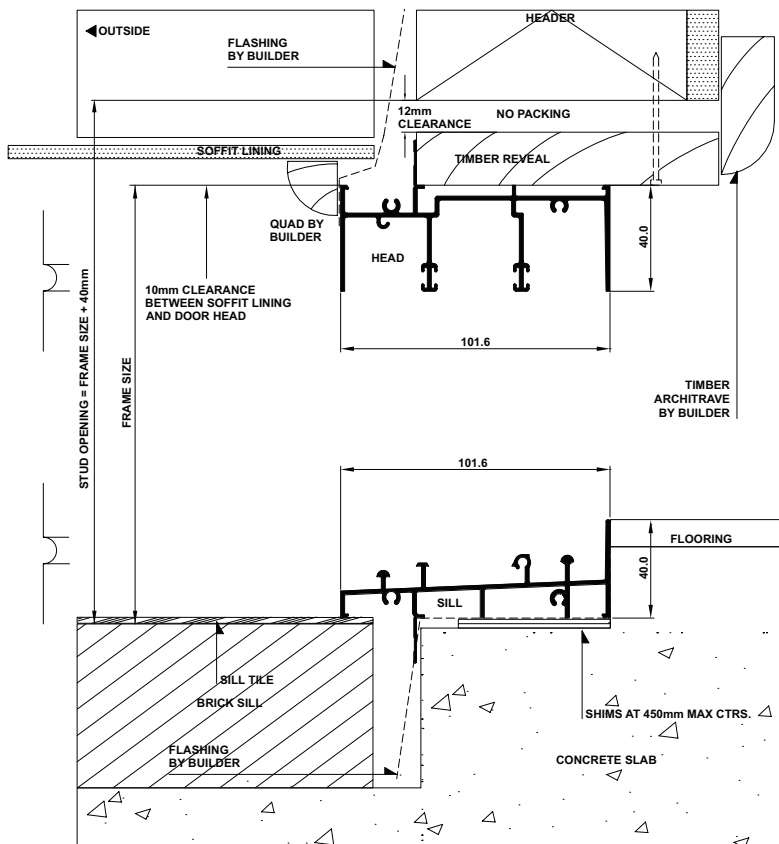
- Fit flashing to door surround (refer to drawing below).
- Measure the frame opening to ensure that there is sufficient room for the product and additional packing.

Stud Opening:

Height = Frame Size + 40mm

Width = Frame Size + 60mm

- Secure aluminum door by nailing through reveal into studwork - fixing at 450mm maximum centres.
- Sill bricks should be at least 10mm clear of door frame to allow settlement in brick veneer construction.
- Header beam should be at least 12mm clear of door frame.
- Do not permit weight of eaves or arch bars to bear on any window or door frame. **(Windows and doors are not load bearing.)**
- To ensure the satisfactory long term performance of doors, sill must be fully supported.
- Ensure outside finish does not block sill drainage holes.



Sliding Door - Installation

Building In Detail | Brick Veneer - 240mm wall | Sump Sill



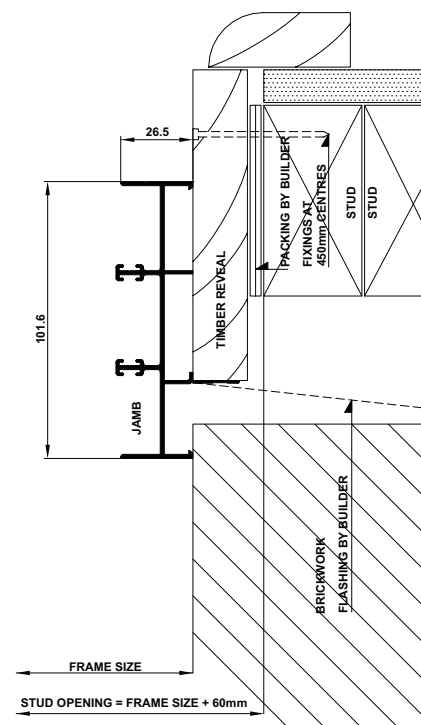
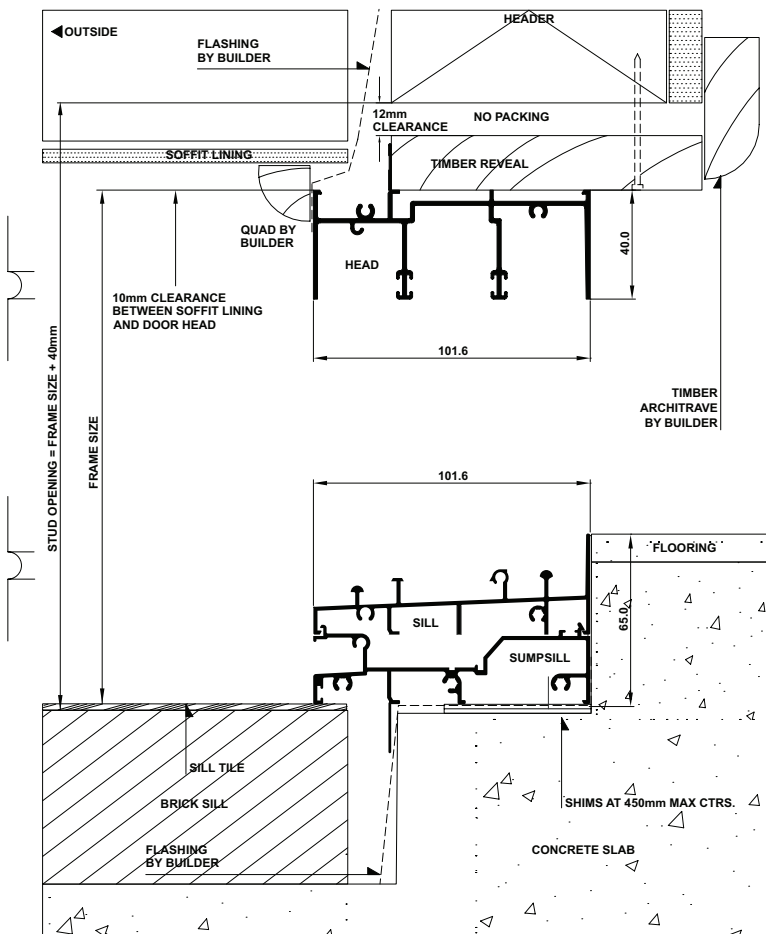
INSTALLING FRAME CORRECTLY

- Fit flashing to door surround (refer to drawing below).
- Measure the frame opening to ensure that there is sufficient room for the product and additional packing.

Stud Opening:

$$\begin{aligned} \text{Height} &= \text{Frame Size} + 40\text{mm} \\ \text{Width} &= \text{Frame Size} + 60\text{mm} \end{aligned}$$

- Secure aluminum door by nailing through reveal into studwork - fixing at 450mm maximum centres.
- Sill bricks should be at least 10mm clear of door frame to allow settlement in brick veneer construction.
- Header beam should be at least 12mm clear of door frame.
- Do not permit weight of eaves or arch bars to bear on any window or door frame. **(Windows and doors are not load bearing.)**
- To ensure the satisfactory long term performance of doors, sill must be fully supported.
- Ensure outside finish does not block sill drainage holes.



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Sliding Door - Installation

Building In Detail | Double Brick - 280mm wall



INSTALLING FRAME CORRECTLY

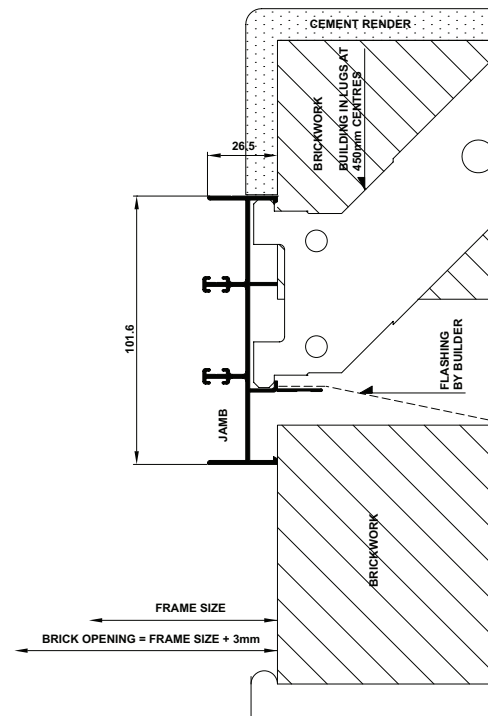
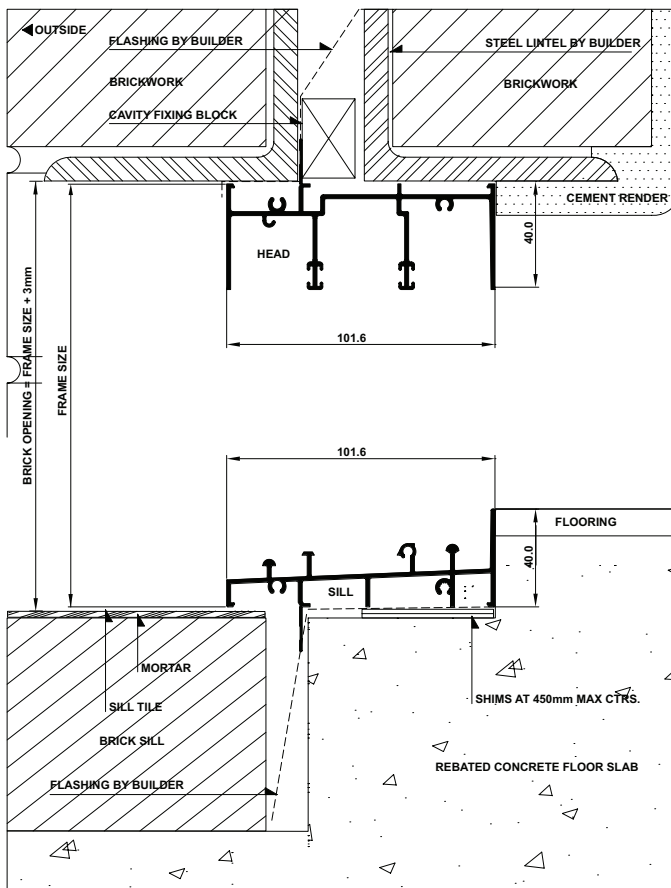
- Fit flashing to door surround (refer to drawing below).
- Measure the frame opening to ensure that there is sufficient room for the product and additional packing.

Brick Opening:

Height = Frame Size + 3mm

Width = Frame Size + 3mm

- Secure aluminum doors using building lug into mortar - fixing at 50mm max centres
- Sill bricks should be at least 10mm clear of window frame.
- Do not permit weight of eaves or arch bars to bear on any window or door frame. **(Windows and doors are not load bearing.)**
- To ensure the satisfactory long term performance of doors, sill must be fully supported.
- Ensure outside finish does not block sill drainage holes.





Sliding Door - Installation

Building In Detail | Double Brick - 280mm wall | Sump Sill



INSTALLING FRAME CORRECTLY

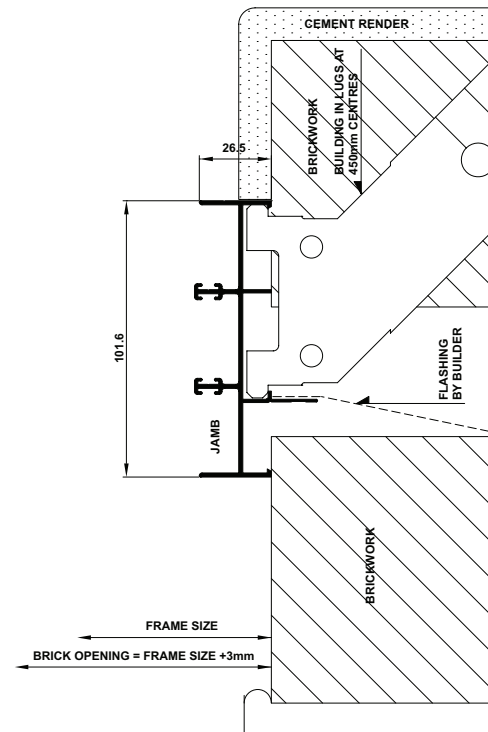
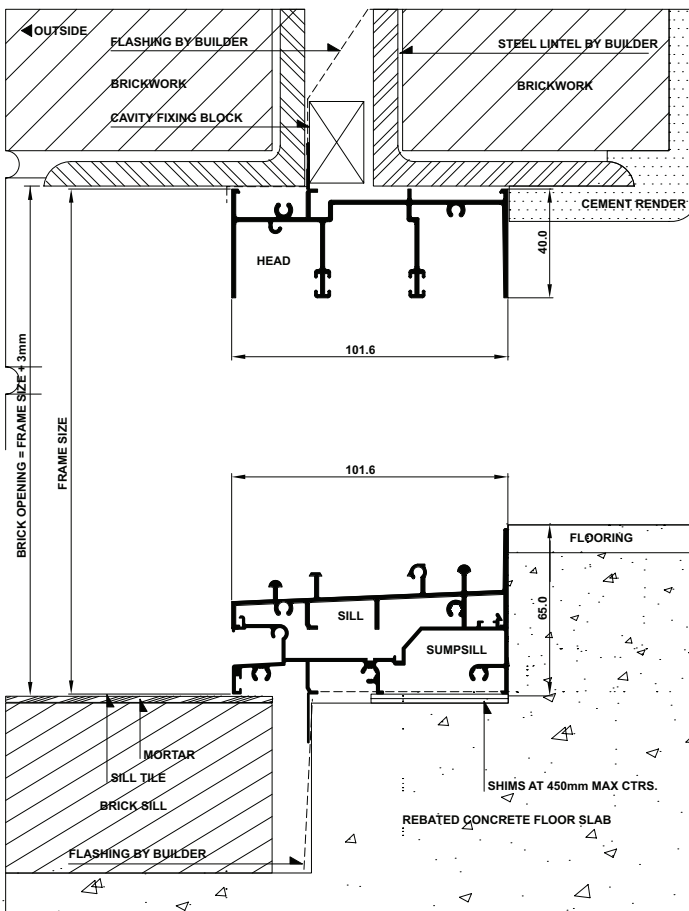
- Fit flashing to door surround (refer to drawing below).
- Measure the frame opening to ensure that there is sufficient room for the product and additional packing.

Brick Opening:

Height = Frame Size + 3mm

Width = Frame Size + 3mm

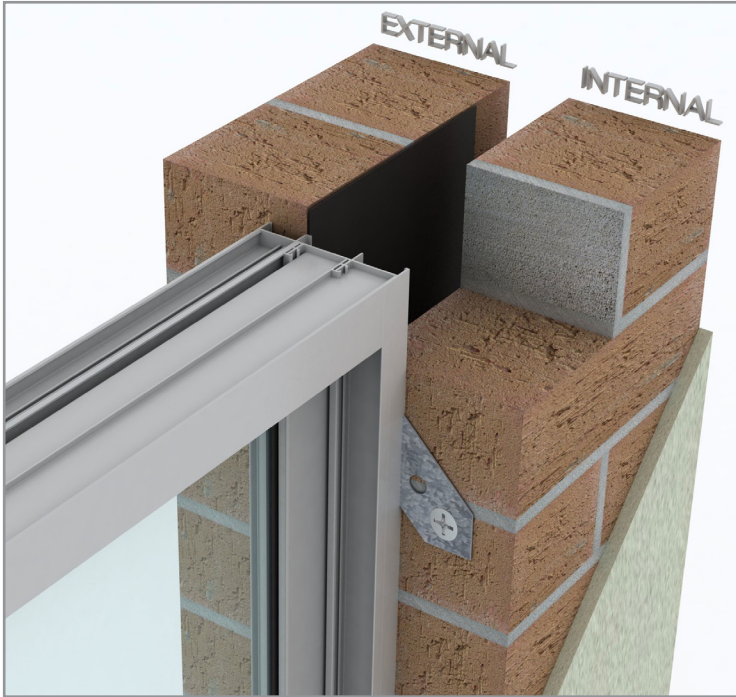
- Secure aluminum doors using building lug into mortar - fixing at 450mm max centres
- Sill bricks should be at least 10 mm clear of window frame.
- Do not permit weight of eaves or arch bars to bear on any window or door frame. **(Windows and doors are not load bearing.)**
- Ensure outside finish does not block sill drainage holes.



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Sliding Door - Installation

Building In Detail | Double Brick - 280mm wall | Prepared Opening



INSTALLING FRAME CORRECTLY

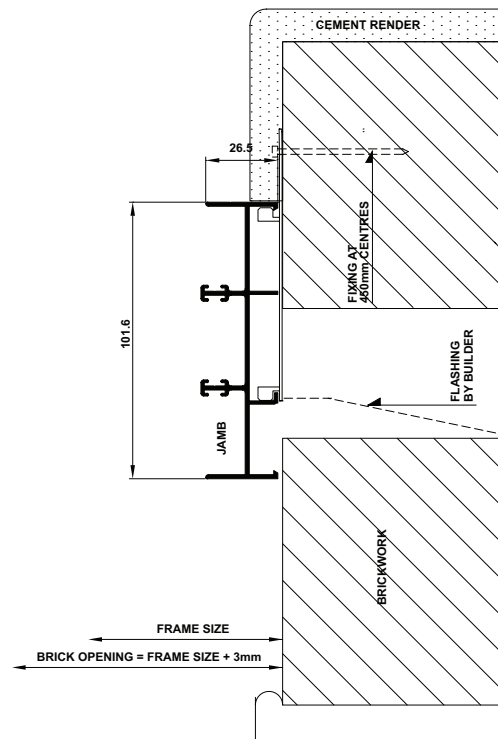
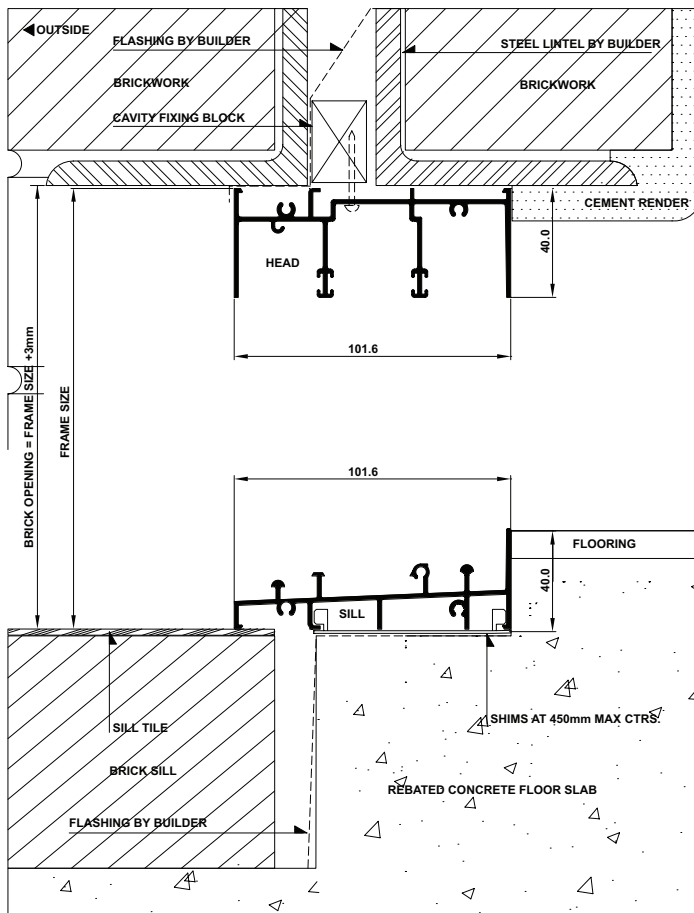
- Fit flashing to door surround (refer to drawing below).
- Measure the frame opening to ensure that there is sufficient room for the product and additional packing.

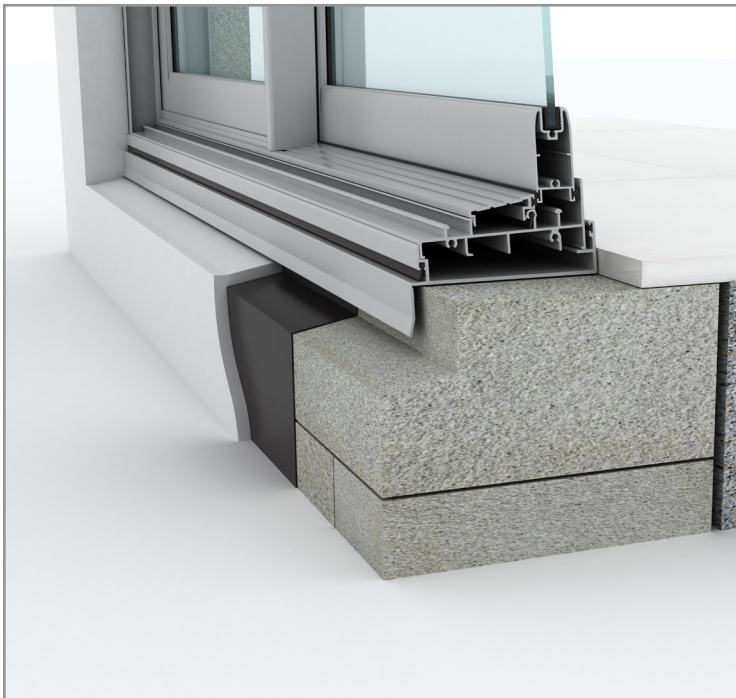
Brick Opening:

Height = Frame Size + 3mm

Width = Frame Size + 3mm

- Secure aluminum doors using building lug into mortar - fixing at 450mm max centres
- Sill bricks should be at least 10 mm clear of window frame.
- Do not permit weight of eaves or arch bars to bear on any window or door frame. **(Windows and doors are not load bearing.)**
- To ensure the satisfactory long term performance of doors, sill must be fully supported.
- Ensure outside finish does not block sill drainage holes.





INSTALLING FRAME CORRECTLY

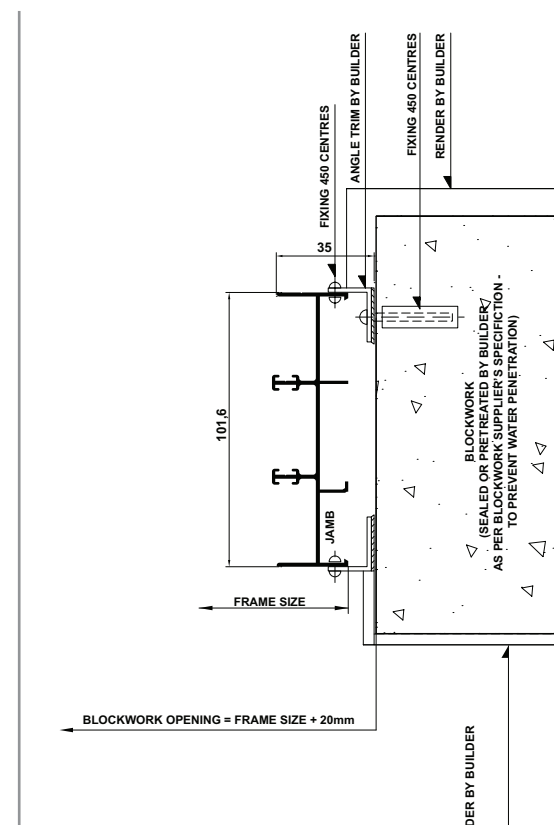
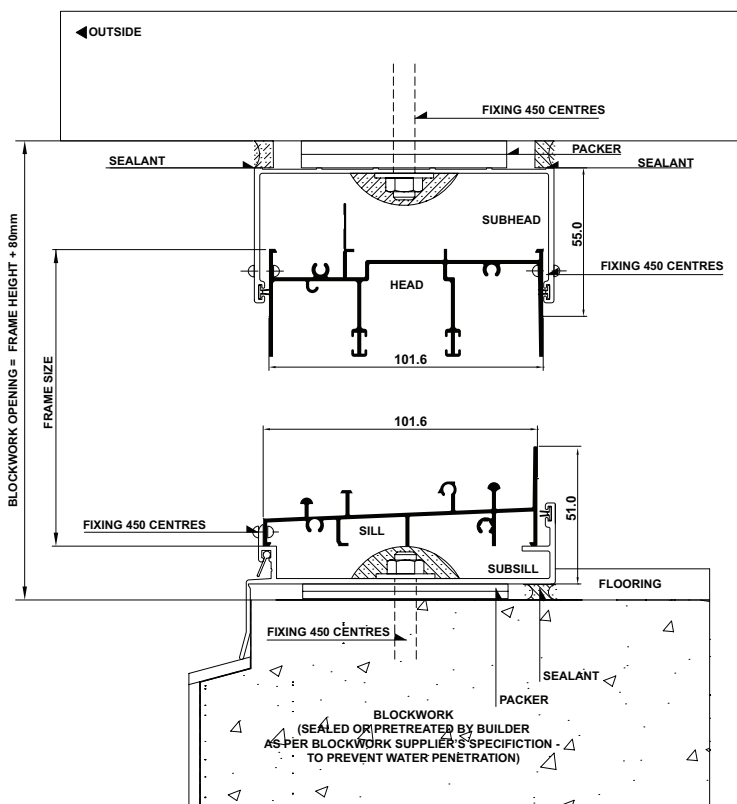
- Measure the frame opening to ensure that there is sufficient room for the product and additional packing.

Blockwork Opening:

Height = Frame Size + 80mm

Width = Frame Size + 20mm

- Fit subframe to opening and seal fixings.
- Fit window to subframe (screw or pop-riev).
- Do not permit weight of eaves or arch bars to bear on any window or door frame. **(Windows and doors are not load bearing.)**
- To ensure the satisfactory long term performance of doors, sill must be fully supported.
- Ensure outside finish does not block sill drainage holes.



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Sliding Door - Installation

Building In Detail | Cladding on Studwall



INSTALLING FRAME CORRECTLY

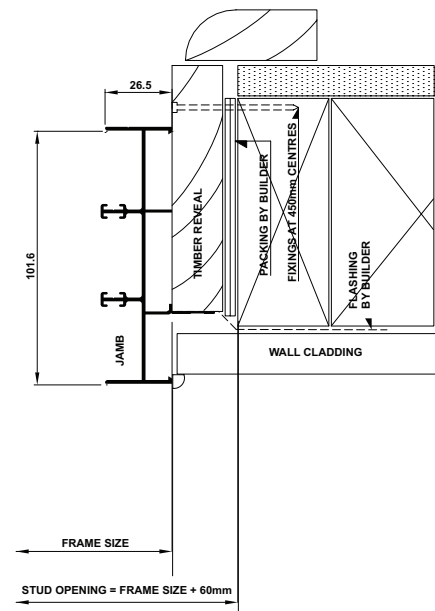
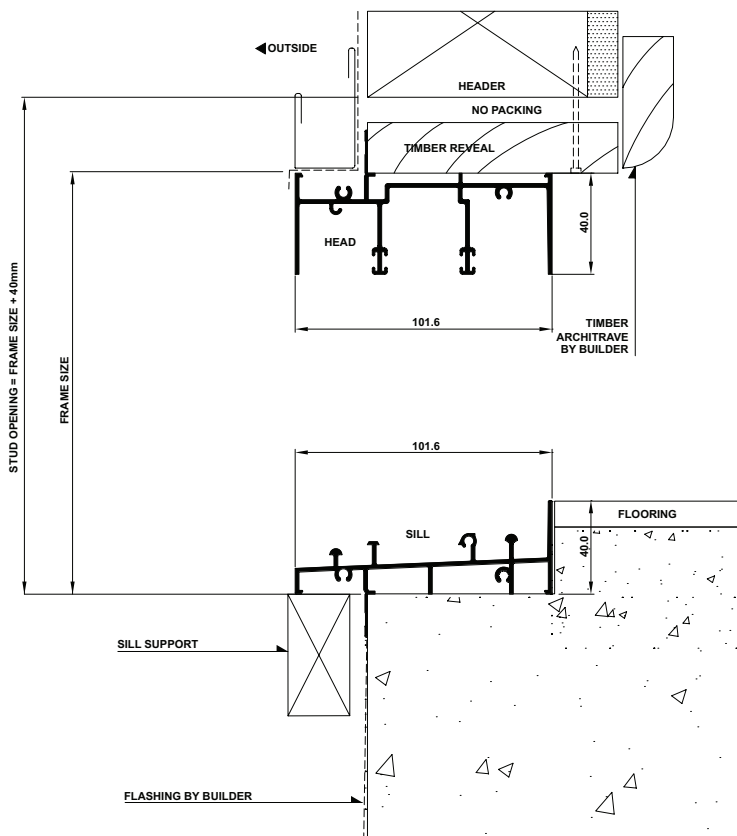
- Fit flashing to door surround (refer to drawing below).
- Measure the frame opening to ensure that there is sufficient room for the product and additional packing.

Stud Opening:

Height = Frame Size + 40mm

Width = Frame Size + 60mm

- Secure aluminum door by nailing through reveal into studwork - fixing at 450mm maximum centres.
- Header beam should be at least 12mm clear of window frame.
- Do not permit weight of eaves or arch bars to bear on any window or door frame. **(Windows and doors are not load bearing.)**
- To ensure the satisfactory long term performance of doors, install sill support (refer to drawings below).
- Ensure outside finish does not block sill drainage holes.





Sliding Door - Installation

Building In Detail | Cladding on Studwall | Sump Sill



INSTALLING FRAME CORRECTLY

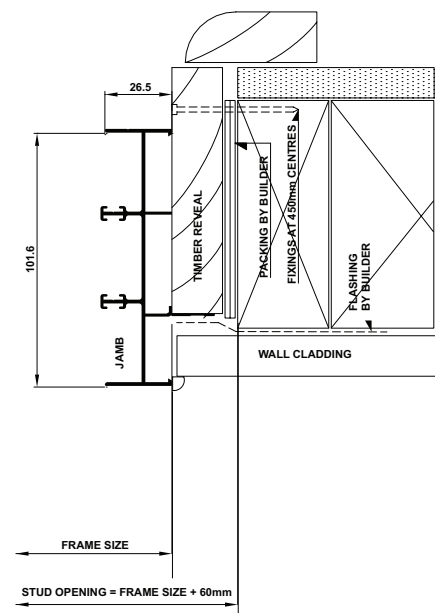
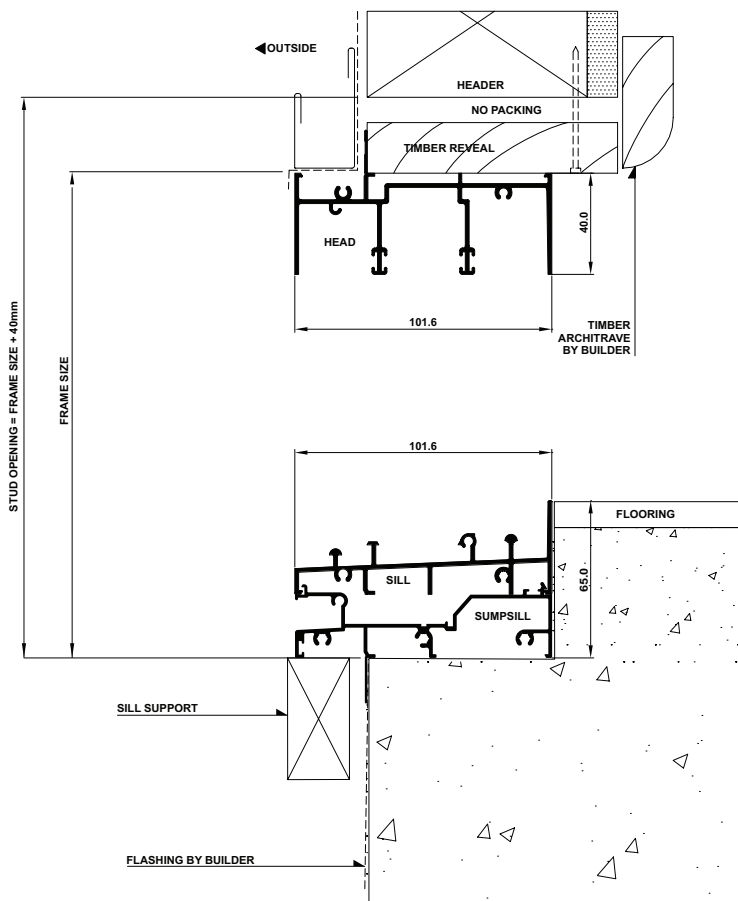
- Fit flashing to door surround (refer to drawing below).
- Measure the frame opening to ensure that there is sufficient room for the product and additional packing.

Stud Opening:

Height = Frame Size + 40mm

Width = Frame Size + 60mm

- Secure aluminum door by nailing through reveal into studwork - fixing at 450mm maximum centres.
- Header beam should be at least 12mm clear of window frame.
- Do not permit weight of eaves or arch bars to bear on any window or door frame. **(Windows and doors are not load bearing.)**
- To ensure the satisfactory long term performance of doors, install sill support (refer to drawings below).
- Ensure outside finish does not block sill drainage holes.



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Sliding Door - Installation

Building In Detail | Hebel Power Panel



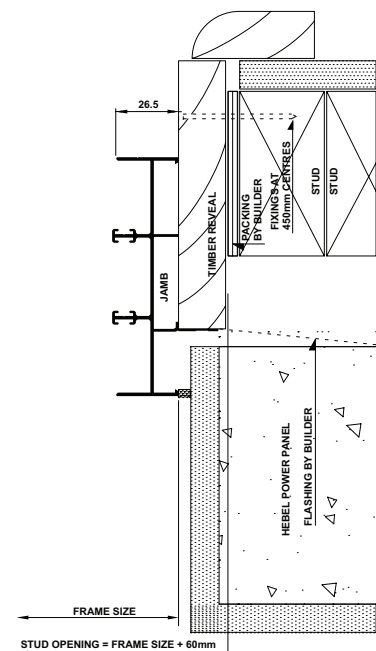
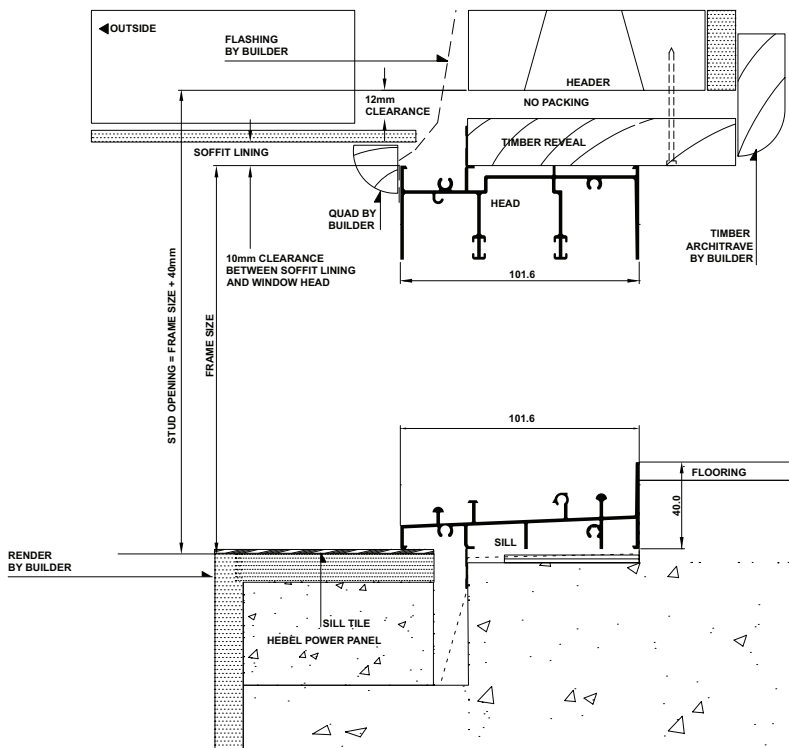
INSTALLING FRAME CORRECTLY

- Fit flashing to door surround (refer to drawing below).
- Measure the frame opening to ensure that there is sufficient room for the product and additional packing.

Stud Opening:

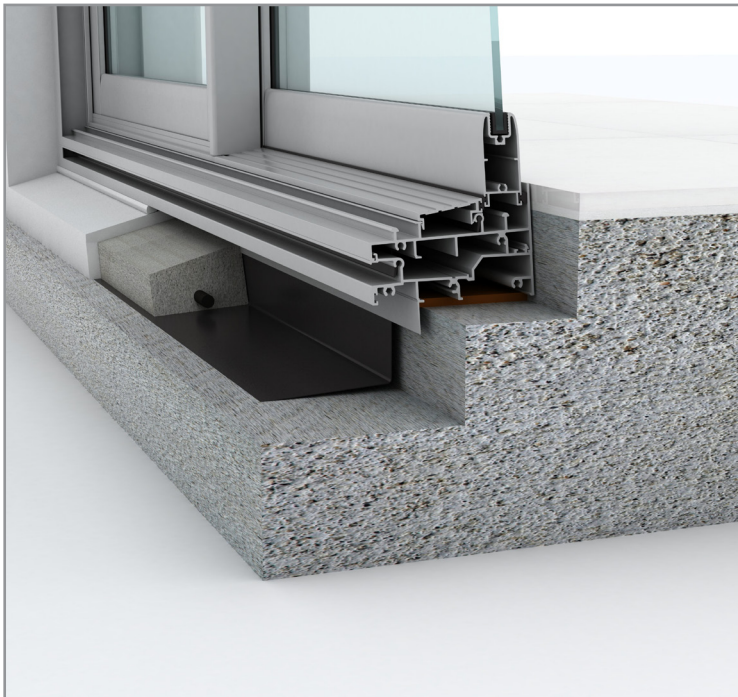
Height = Frame Size + 40mm
Width = Frame Size + 60mm

- Secure aluminum door by nailing through reveal into studwork - fixing at 450mm maximum centres.
- Header beam should be at least 12mm clear of window frame.
- Do not permit weight of eaves or arch bars to bear on any window or door frame. **(Windows and doors are not load bearing.)**
- Caulking between render and frame
- To ensure the satisfactory long term performance of doors, sill must be fully supported.
- Ensure outside finish does not block sill drainage holes



Sliding Door - Installation

Building In Detail | Hebel Power Panel | Sump Sill



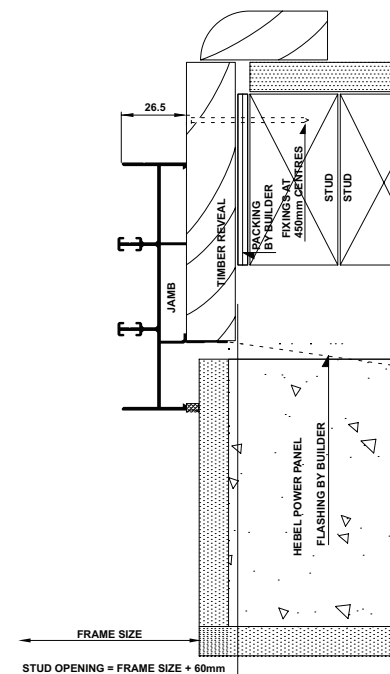
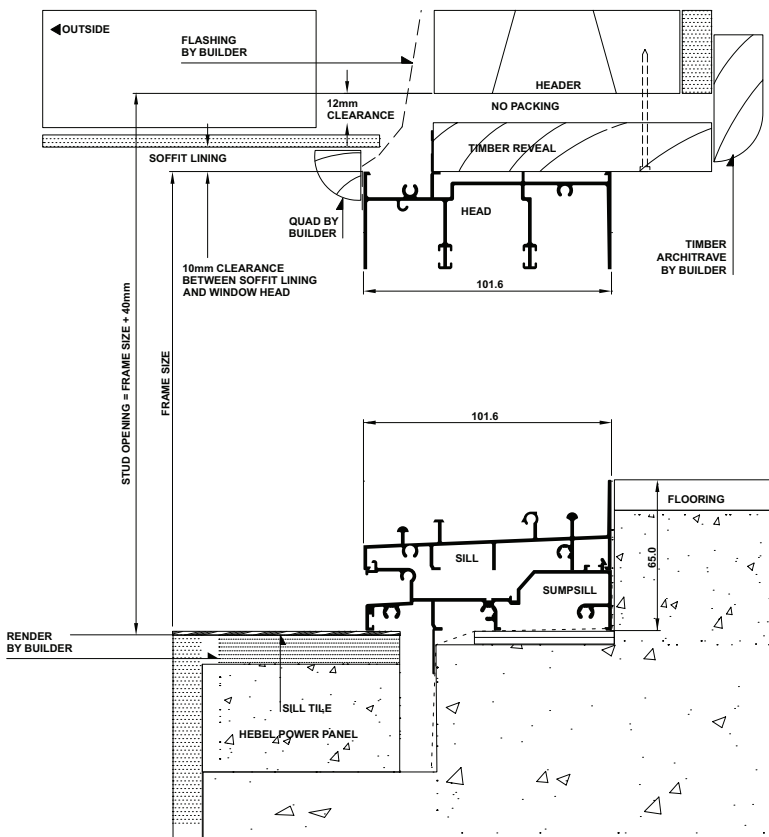
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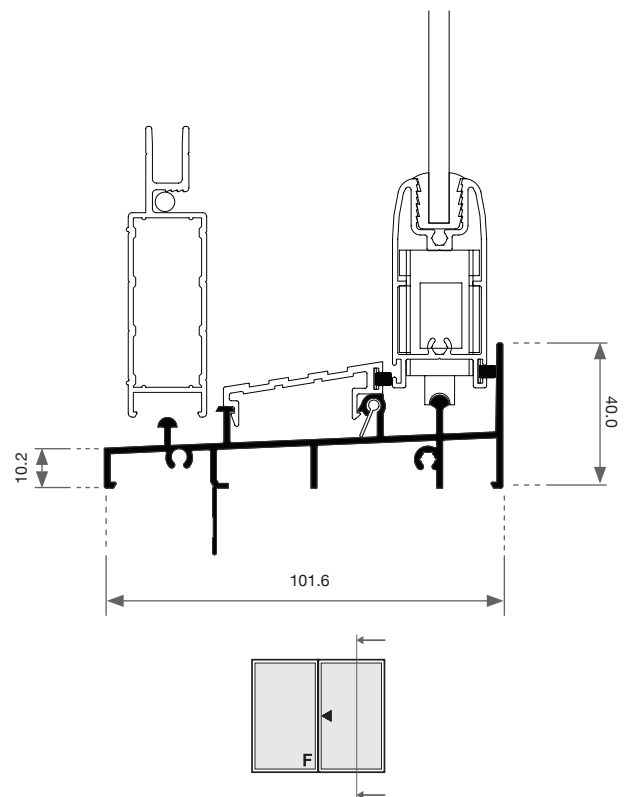
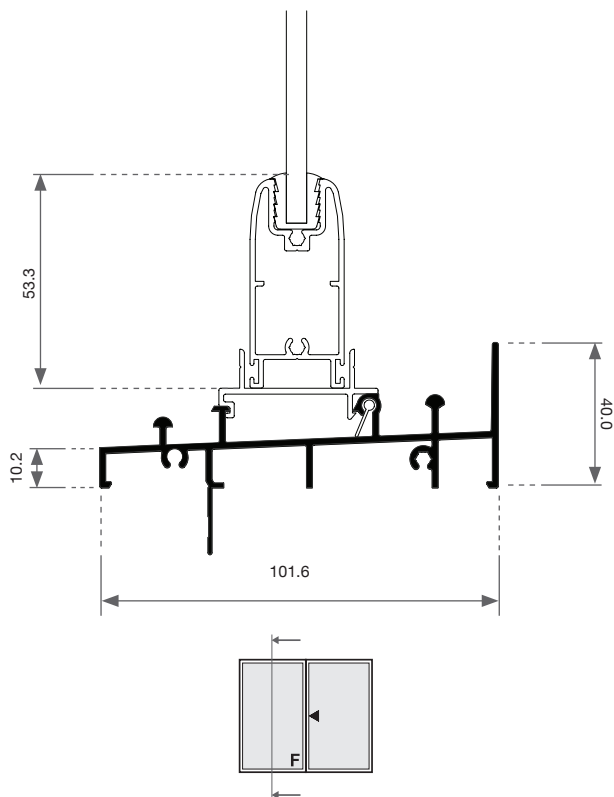
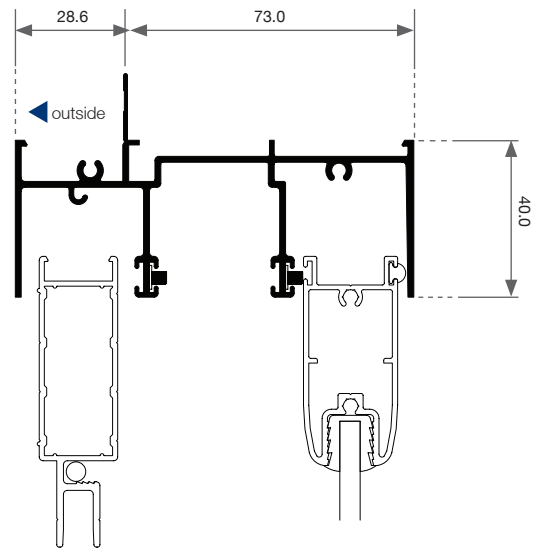
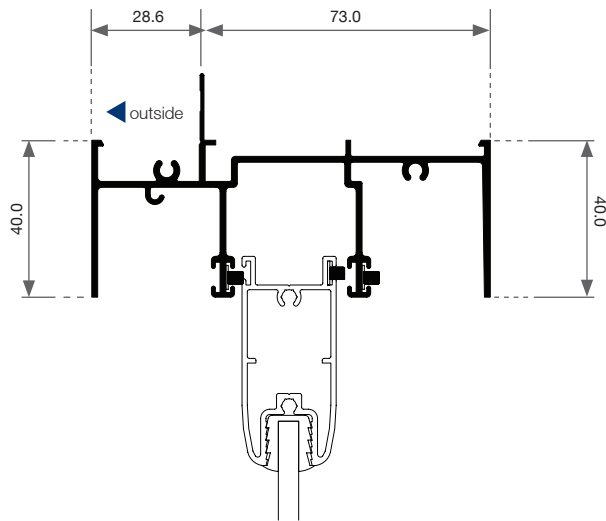


Quantum[®] Sliding Door

Cross Sectional Views

Sliding Door - Cross Sectional View

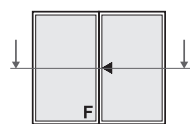
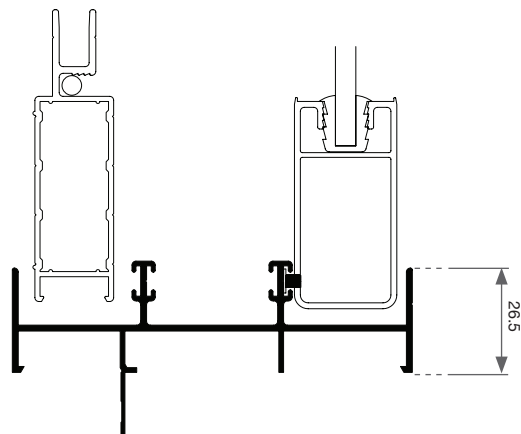
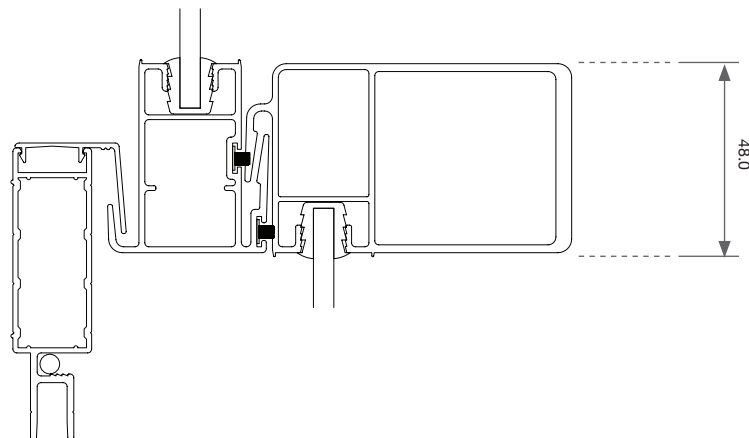
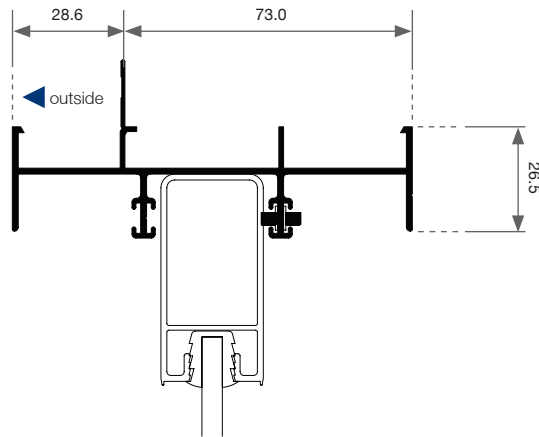
Two Panel | FX





Sliding Door - Cross Sectional View

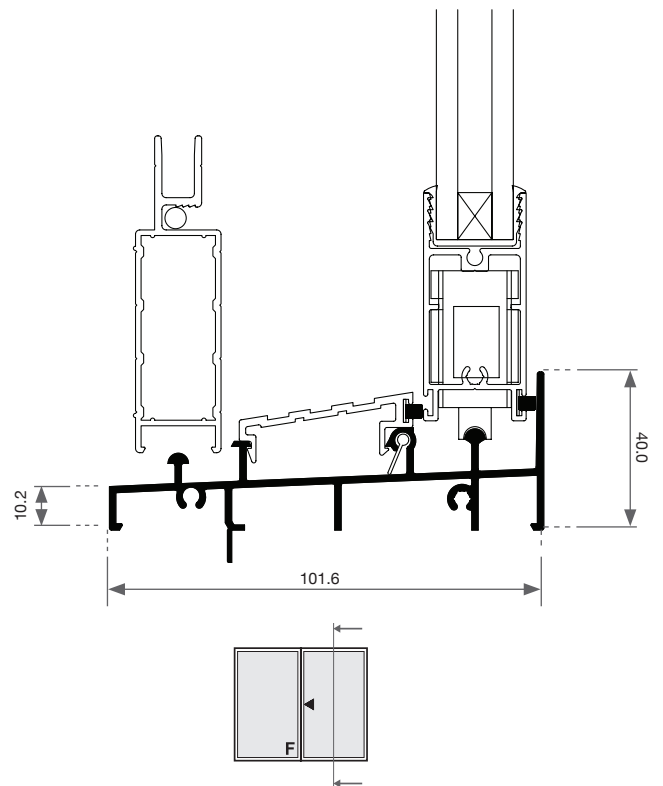
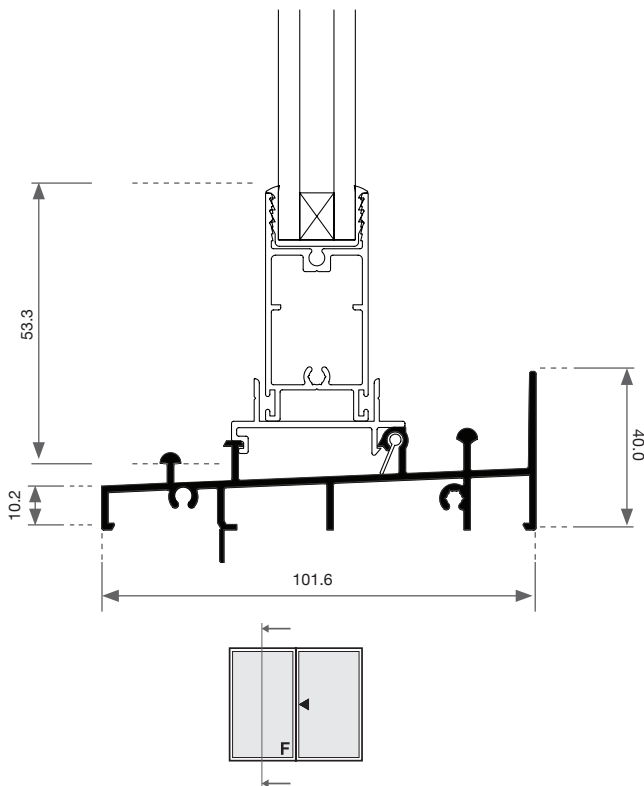
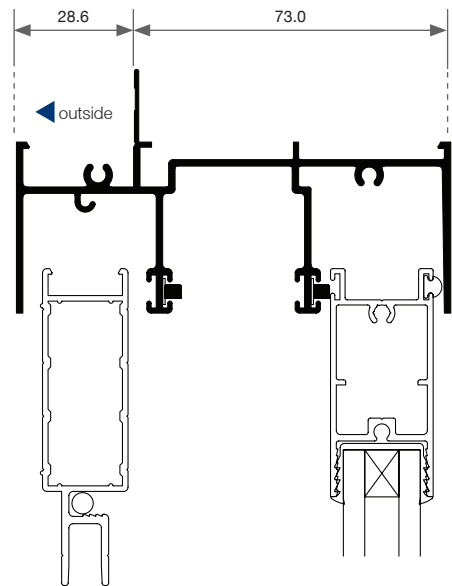
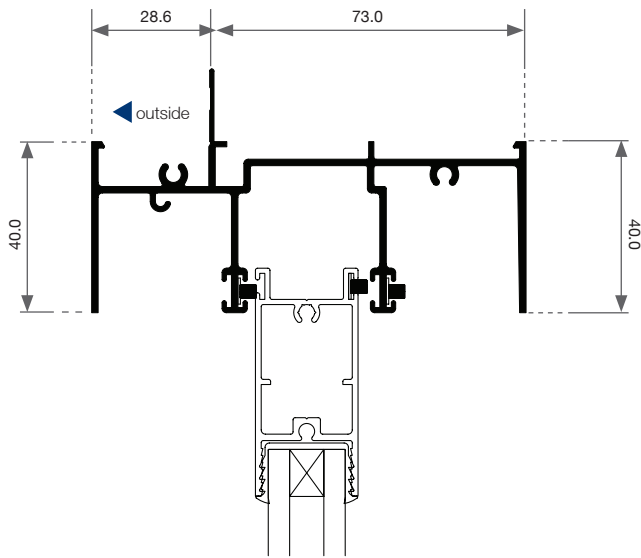
Two Panel | FX



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Sliding Door - Cross Sectional View

Two Panel | FX | Double Glazed

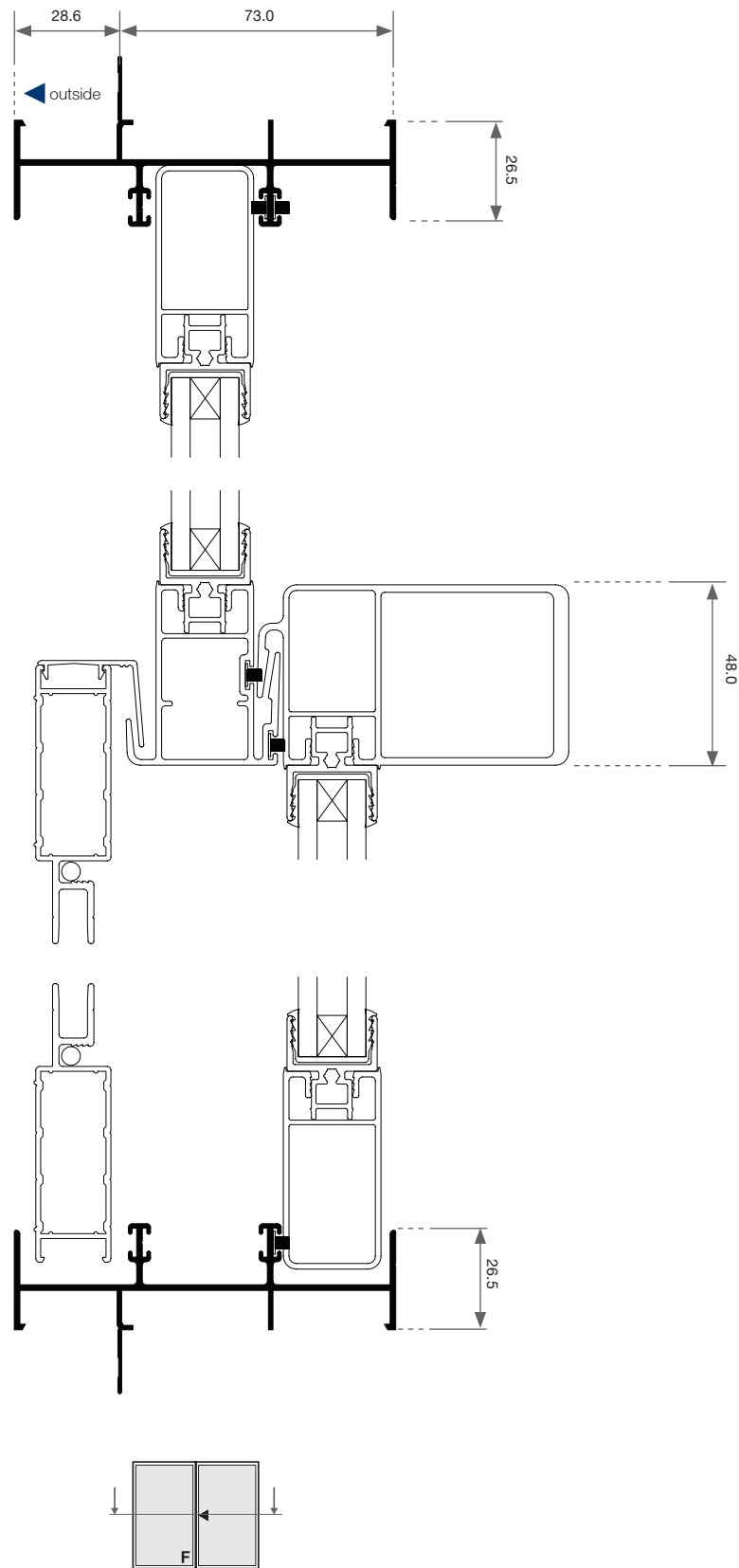


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Sliding Door - Cross Sectional View



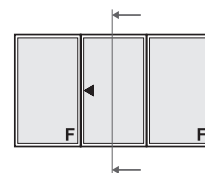
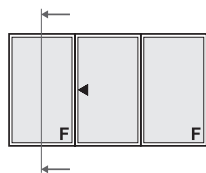
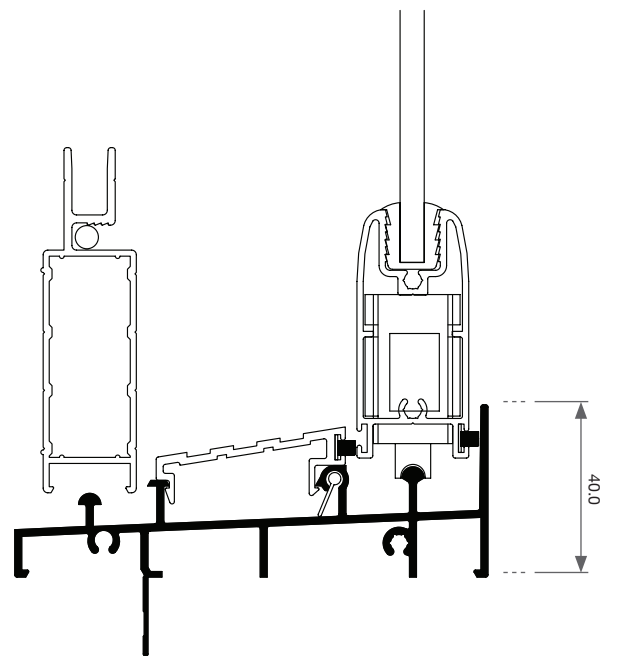
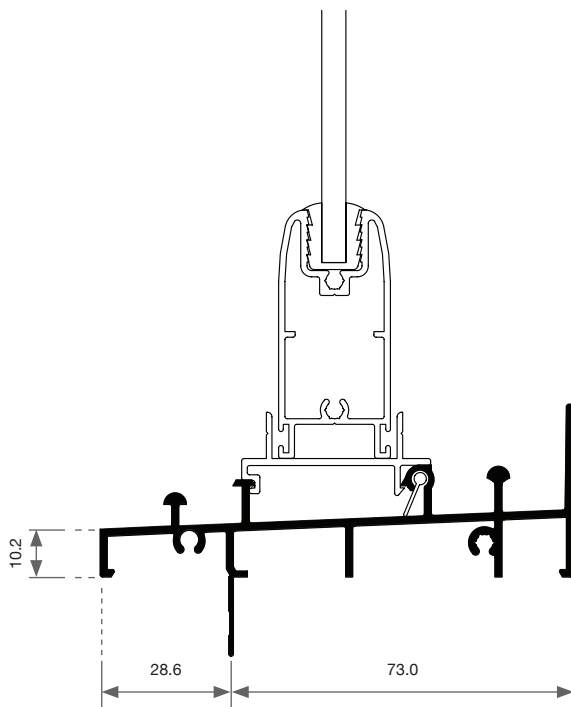
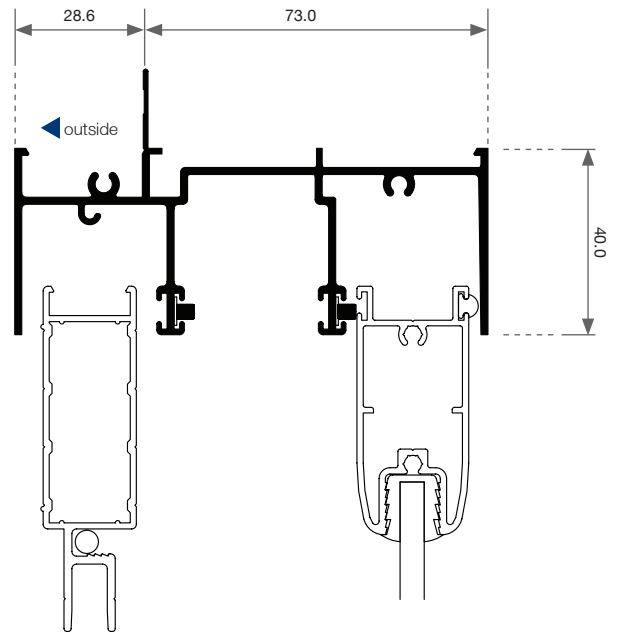
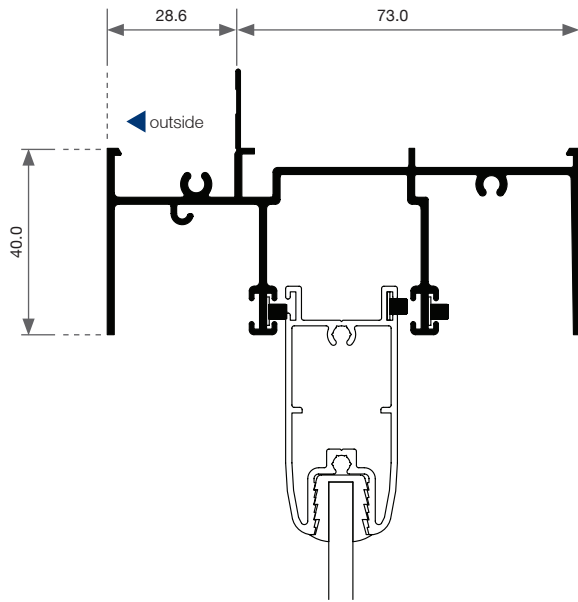
Two Panel | FX | Double Glazed



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Sliding Door - Cross Sectional View

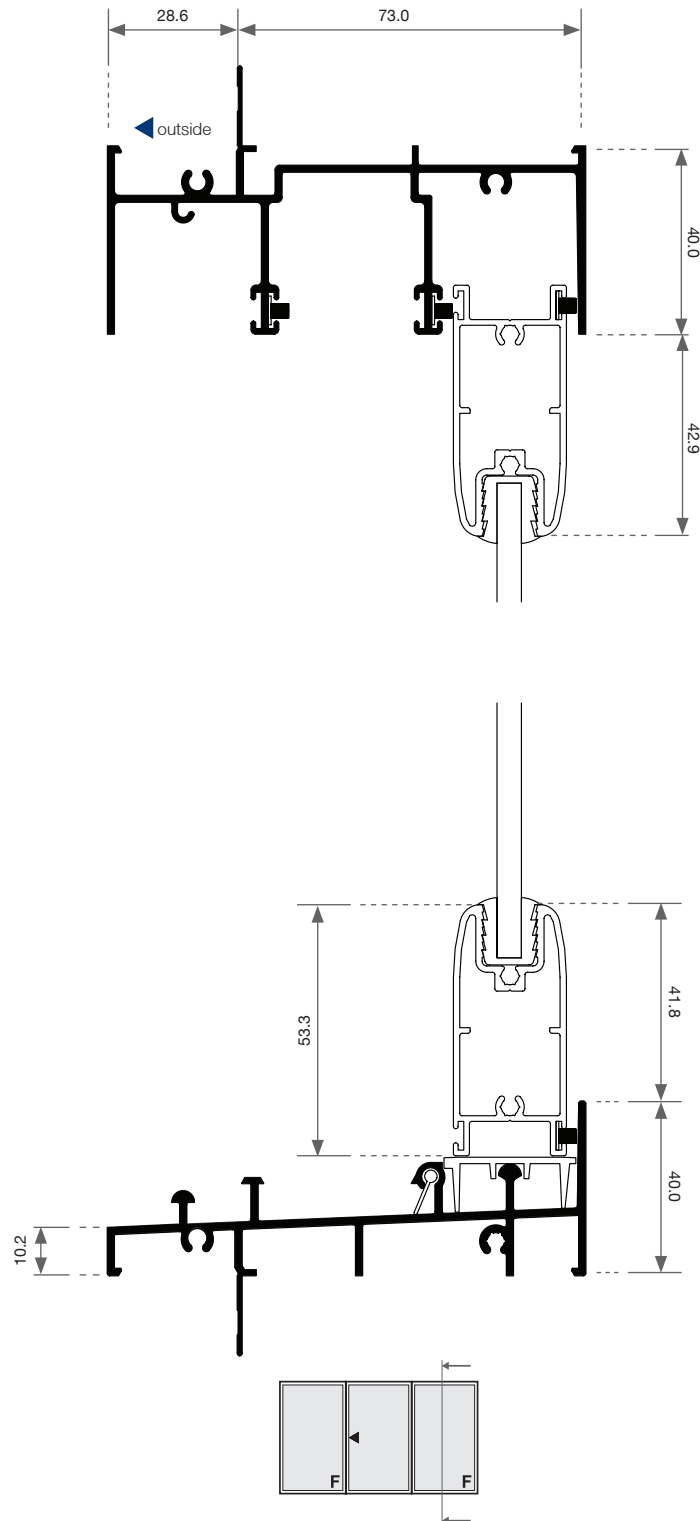
Three Panel | FXF





Sliding Door - Cross Sectional View

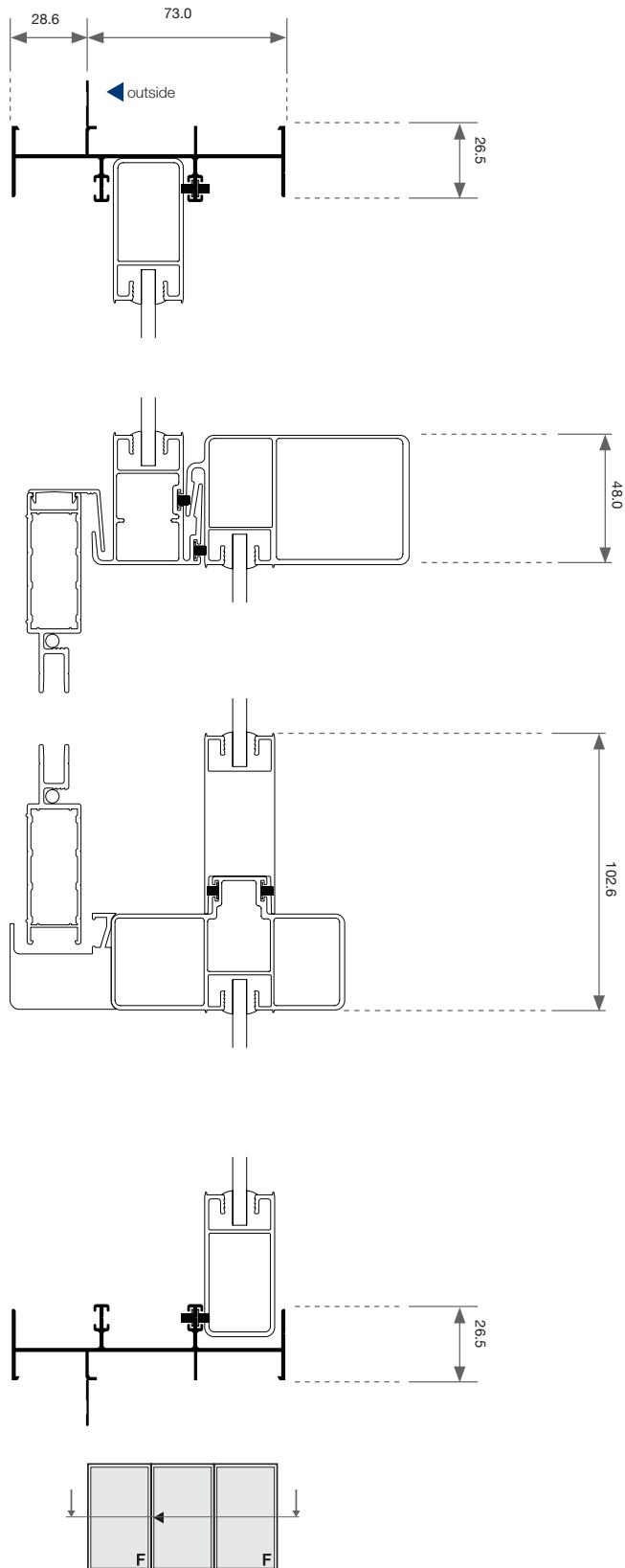
Three Panel | FXF



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Sliding Door - Cross Sectional View

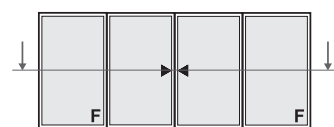
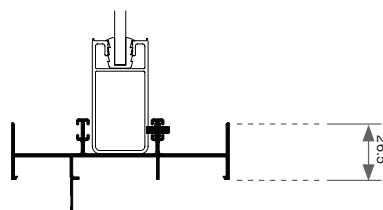
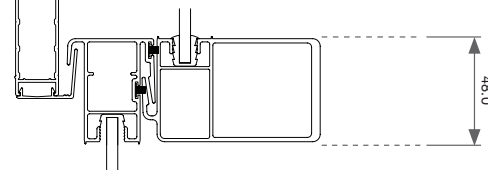
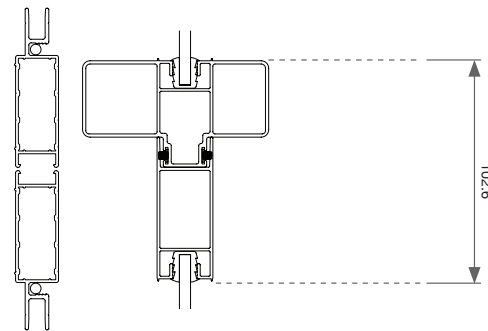
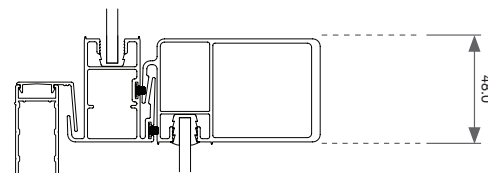
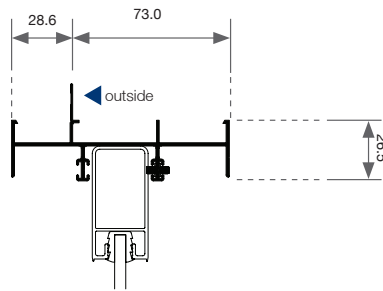
Three Panel | FXF





Sliding Door - Cross Sectional View

Four Panel | FXXF



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