Bifold Window - Features & Benefits

FRAME

- Robust 102mm semi commercial aluminium window frame, ideal for larger bifolding windows.

SASH

- 62mm wide window sash section with heights up to 1600mm*.
- Maximum leaf size is 870mm wide.

**Configurations are open out only.*

SILL

- If no sill is required this option for “servery windows” is available.*

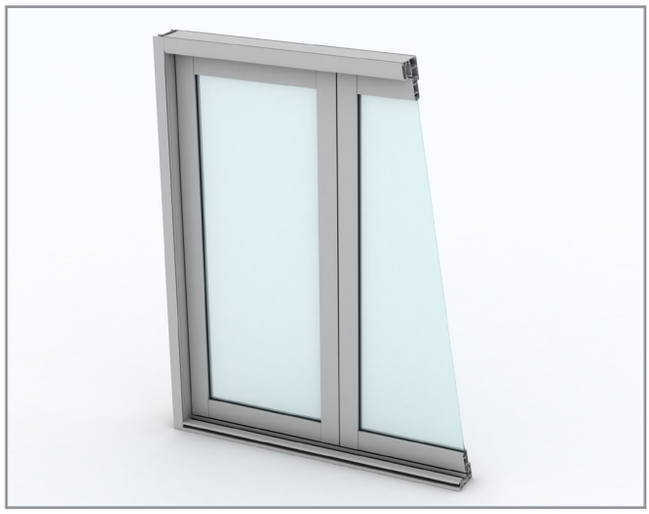
**No sill option does not meet water and wind requirements.*

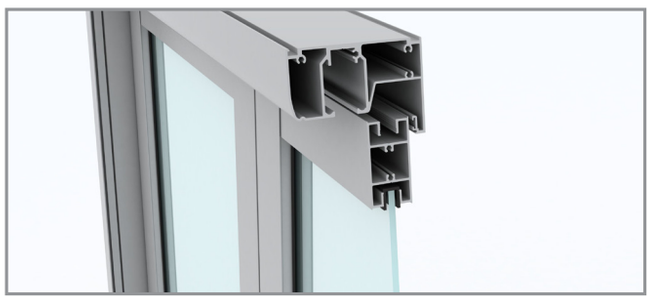
GLAZING & ENERGY EFFICIENCY

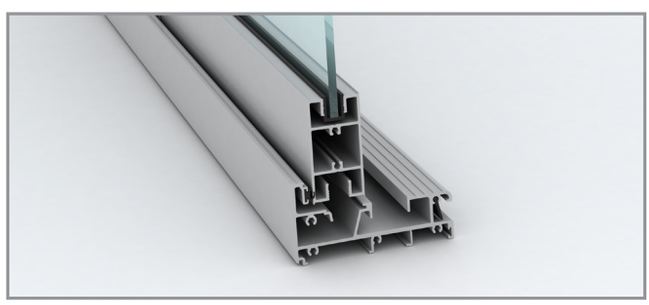
- All Trend® Windows and Doors comply with Australian Standards AS1288.
- Glazing options from 4mm single glazed to 18mm insulated glazed units (IGUs) .
- Energy efficiency options available to help reduce home energy consumption.
- All glazing options are Window Energy Rating Scheme (WERS) rated - providing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

ACOUSTICS

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







Please note that drawings displayed are not to scale

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.
- Bifold window rated at an air infiltration of 0.67L/s m^2.

HARDWARE

- ***Infinity*** Satin Chrome hardware supplied as standard.
- Optional colours available are:
  - Pearl White
  - Stone Beige
  - Anodic Natural Matt
  - Gloss Black
- Durable stainless steel hinges available as standard.
- Window locks can be keyed alike to other Quantum® products for ease of use.

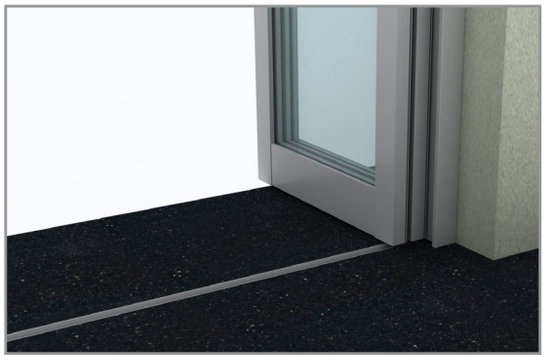
OPTIONS

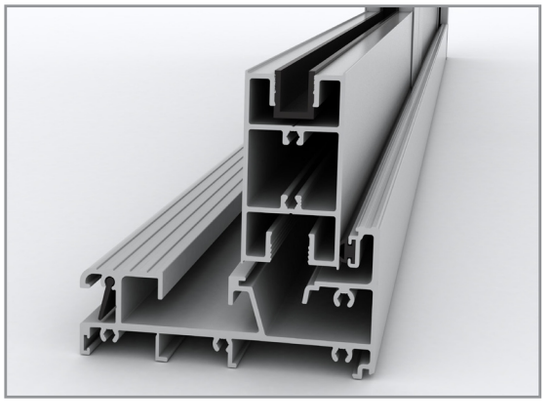
- Glazing options also available in bar layout styles:
  - Colonial
  - Federation
  - Ovolo glazing bar style*
- Wide range of powdercoated colours.
- Customised WERS ratings.
- Variety of sizes and custom made options available.
- Variety of configuration options available.

**Ovolo only available in single glazing.*

DELIVERY

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





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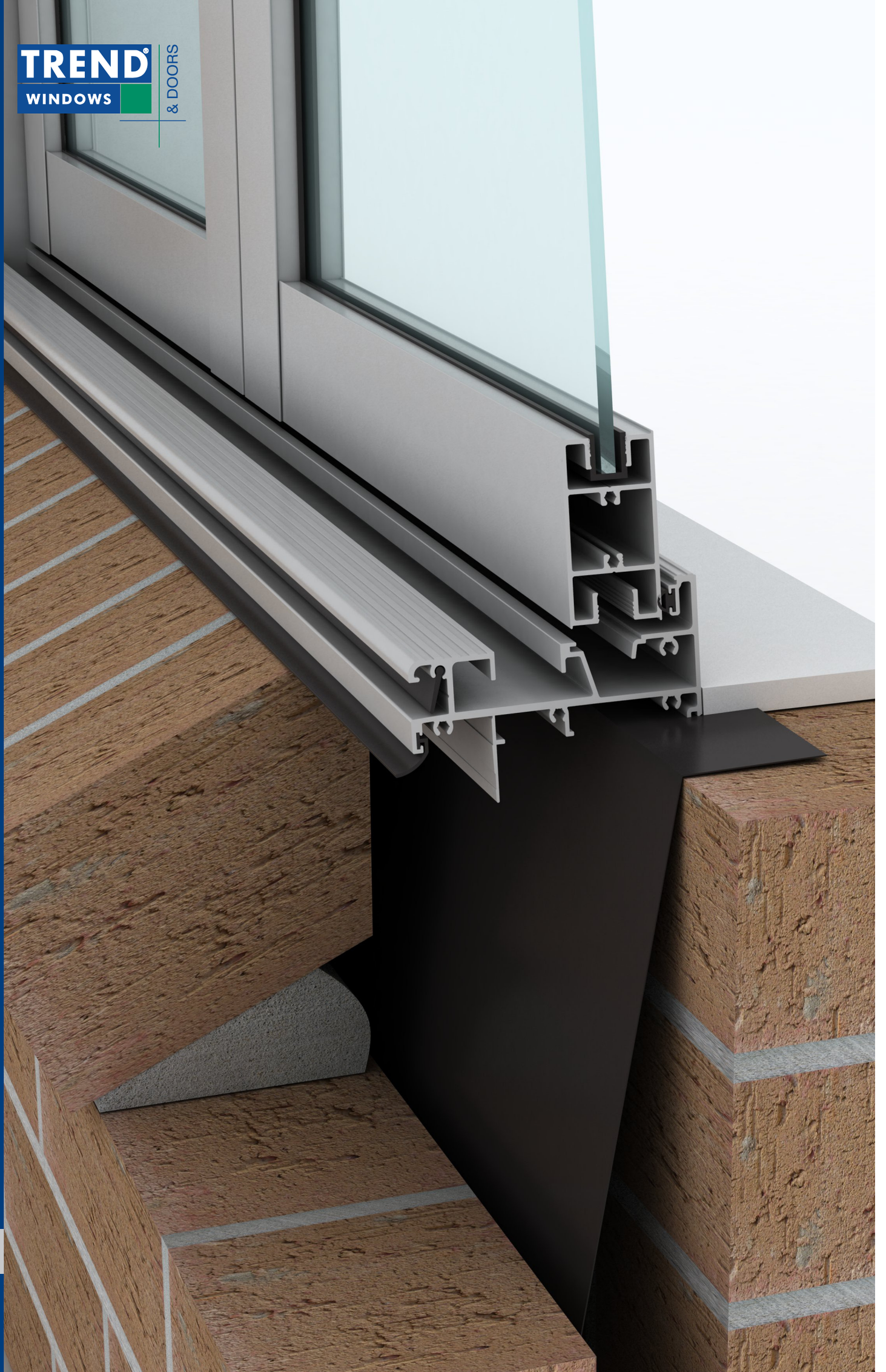


Quantum® Bifold Window

Installation

Bifold Window - Installation

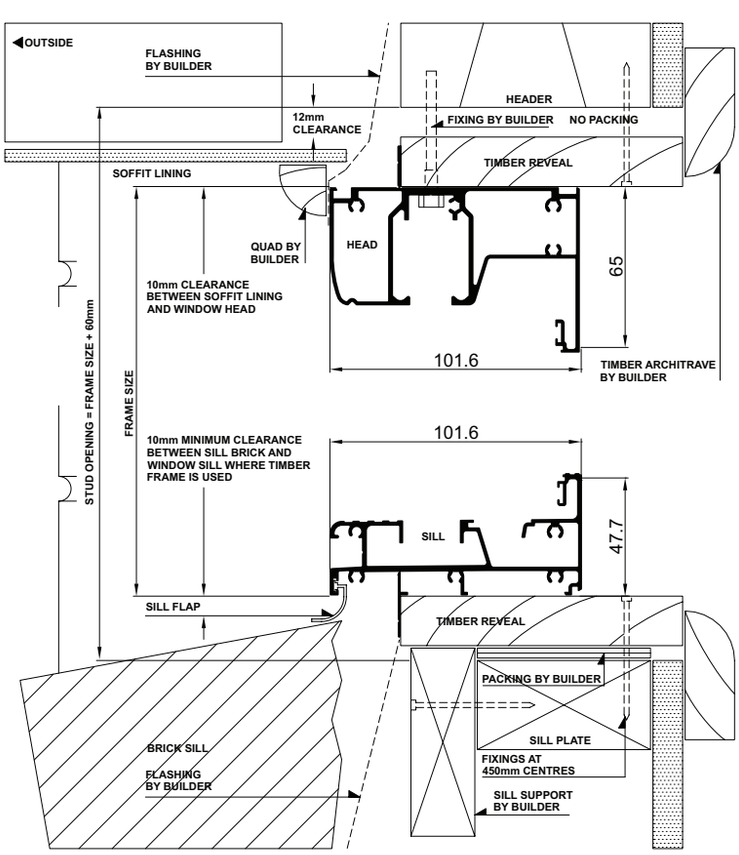
Building In Detail | **Brick Veneer - 240mm wall**

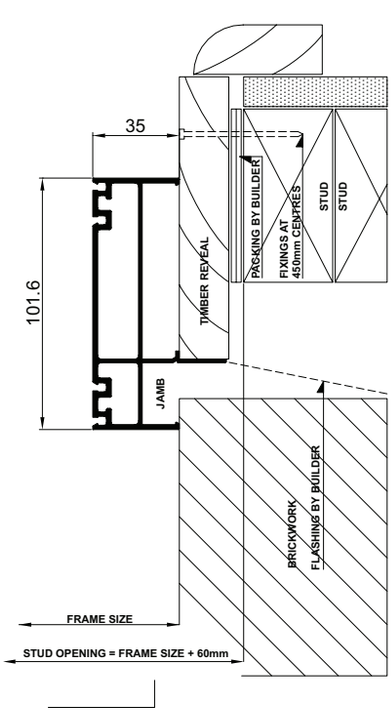
INSTALLING FRAME CORRECTLY

- Fit flashing to window 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 + 60mm
Width = Frame Size + 60mm

- Secure aluminum windows by nailing through reveal into studwork - fixing at 450mm maximum centres.
- Sill bricks should be at least 10mm clear of window frame to allow settlement in brick veneer construction.
- 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 window, install sill support (refer to drawings below).
- **Build-in 3mm camber to head.**
- **Bifolds top-hung - beam must support weight.**





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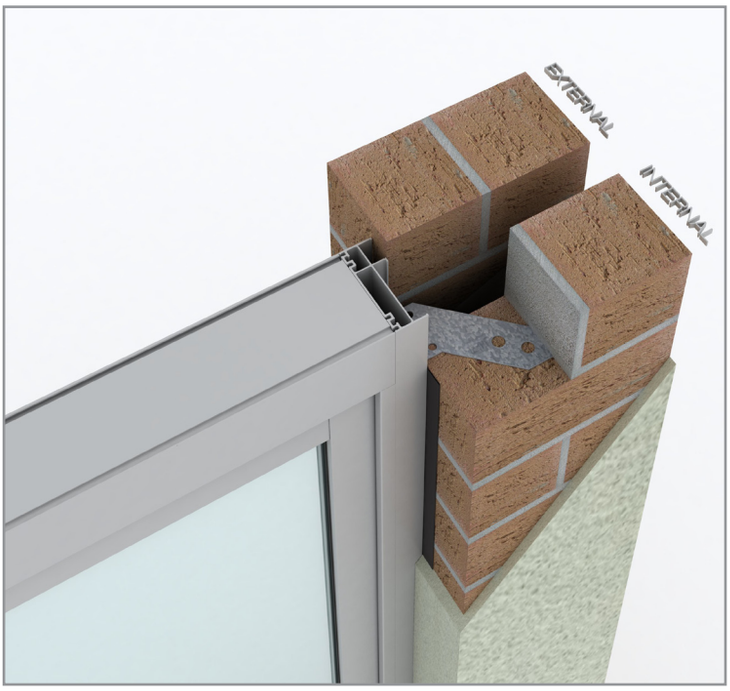
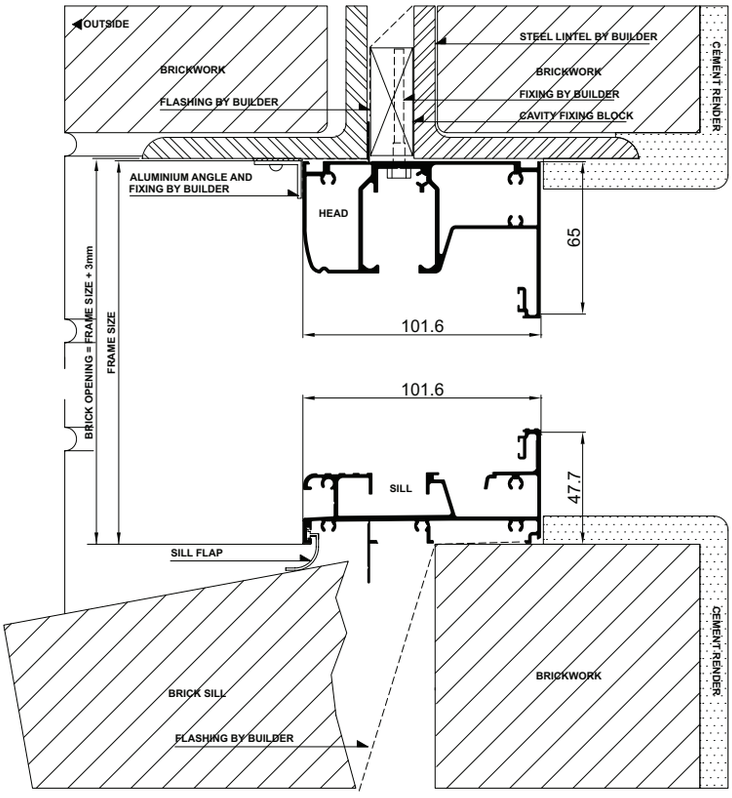


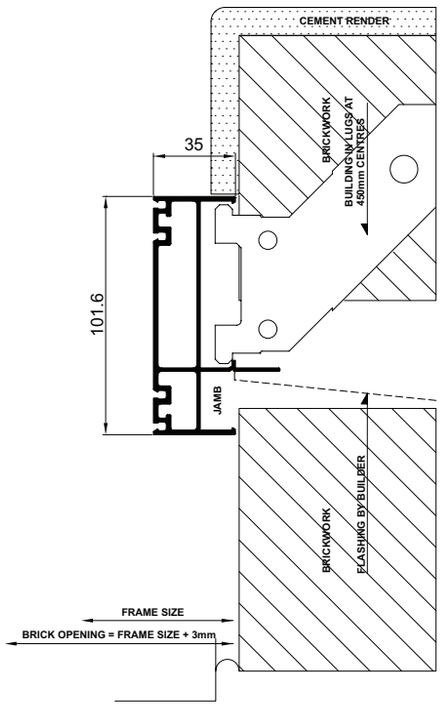
INSTALLING FRAME CORRECTLY

- Fit flashing to window 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 windows by using building lug - fixing at 450mm maximum centres.
- Sill bricks should be at least 10mm clear of window frame to allow settlement in brick veneer construction.
- Do not permit weight of eaves or arch bars to bear on any window or door frame. **(Windows and doors are not load bearing.)**
- **Build-in 3mm camber to head.**
- **Bifolds top-hung - beam must support weight.**

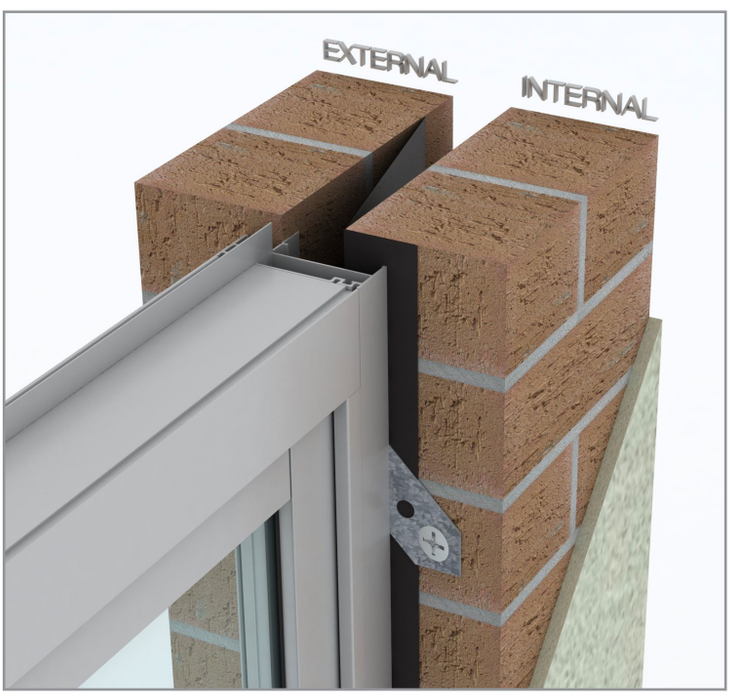




Please note that drawings displayed are not to scale

Bifold Window - Installation

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

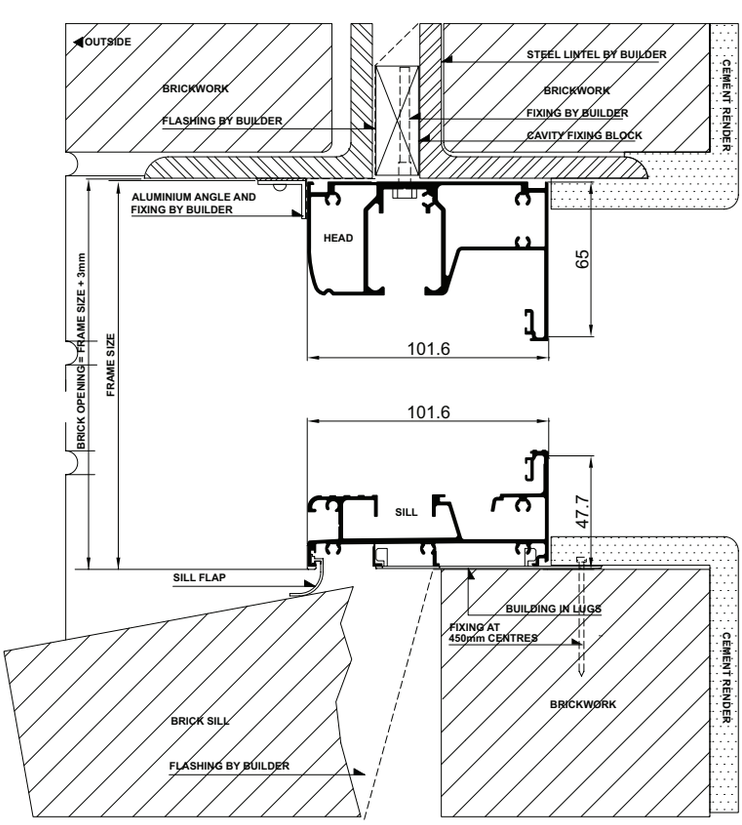


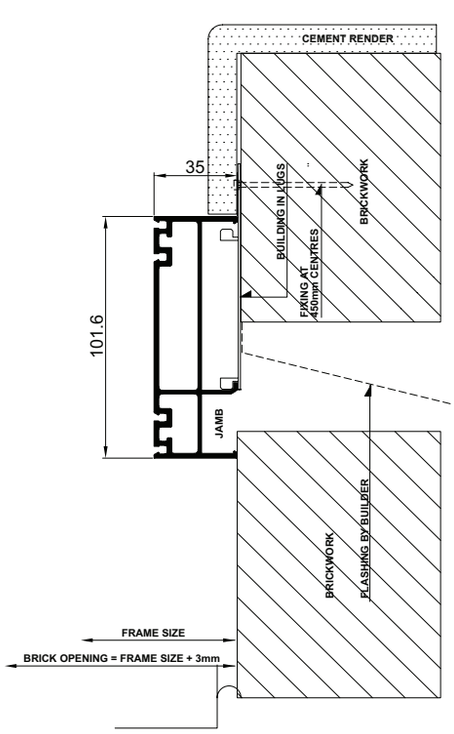
INSTALLING FRAME CORRECTLY

- Fit flashing to window 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 windows by using building lug - fixing at 450mm maximum centres.
- Sill bricks should be at least 10mm clear of window frame to allow settlement in brick veneer construction.
- Do not permit weight of eaves or arch bars to bear on any window or door frame. **(Windows and doors are not load bearing.)**
- **Build-in 3mm camber to head.**
- **Bifolds top-hung - beam must support weight.**





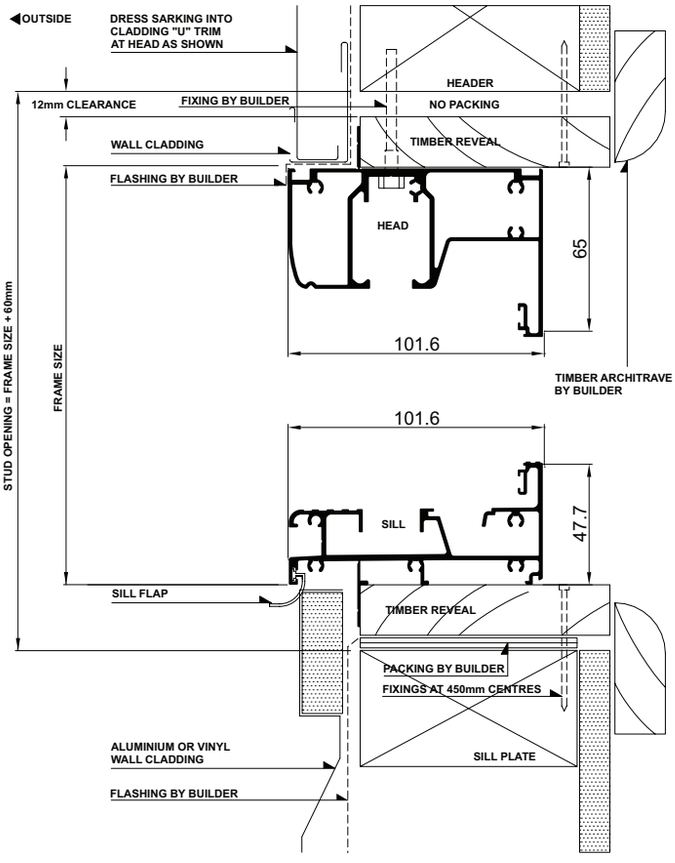
Please note that drawings displayed are not to scale

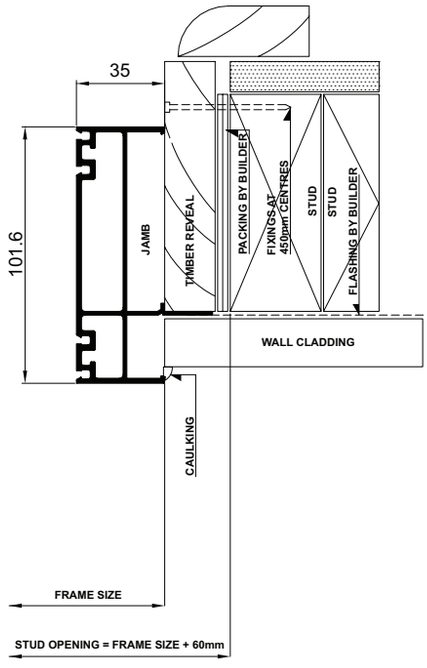
INSTALLING FRAME CORRECTLY

- Fit flashing to window 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 + 60mm
Width = Frame Size + 60mm

- Secure aluminum windows 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 windows, install sill support (refer to drawings below).
- **Build-in 3mm camber to head.**
- **Bifolds top-hung - beam must support weight.**





Please note that drawings displayed are not to scale

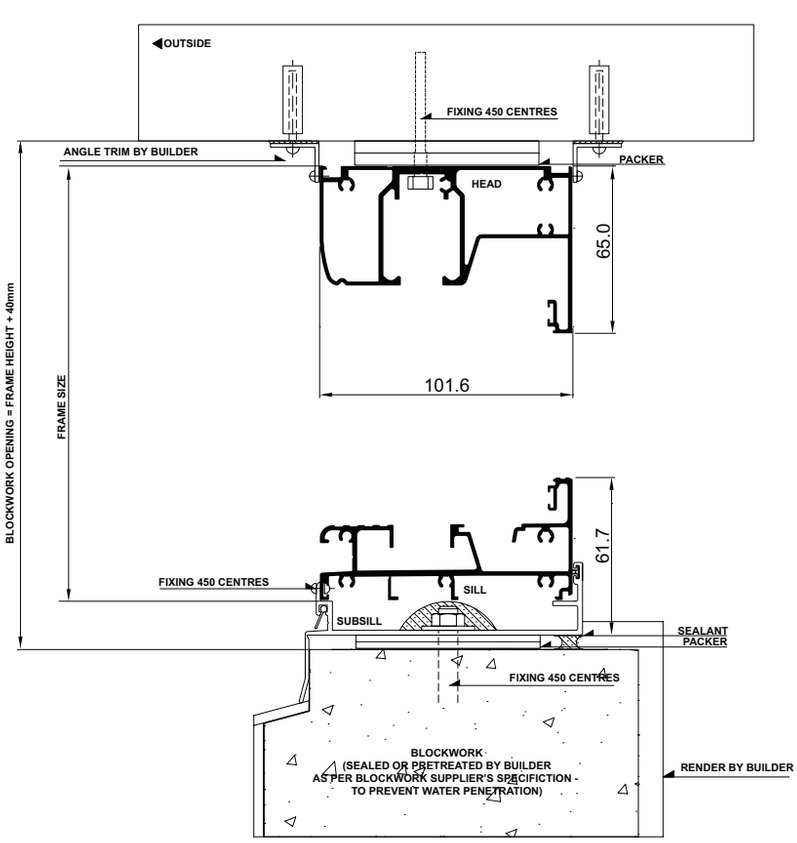
Bifold Window - Installation

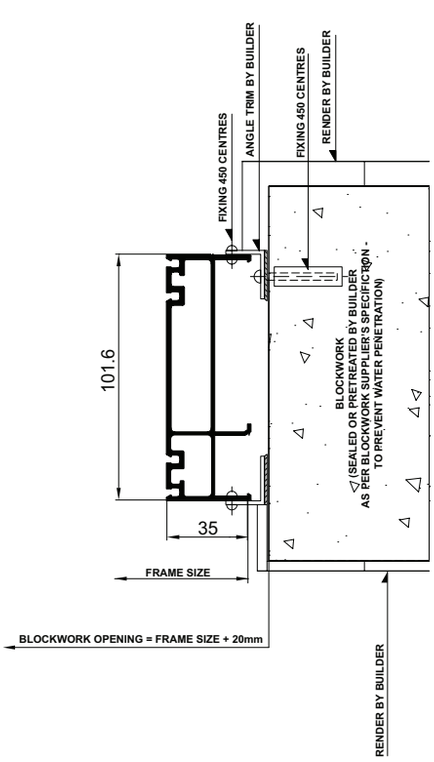
INSTALLING FRAME CORRECTLY

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

  Blockwork Opening:
  Height = Frame Size + 40mm
  Width = Frame Size + 20mm

- Fit subframe to opening and seal fixings.
- Seal ends of subsill with angle.
- Fit window to subframe (screw or pop-rivet).
- Do not permit weight of eaves or arch bars to bear on any window or door frame. **(Windows and doors are not load bearing.)**
- **Build-in 3mm camber to head.**
- **Bifolds top-hung - beam must support weight.**





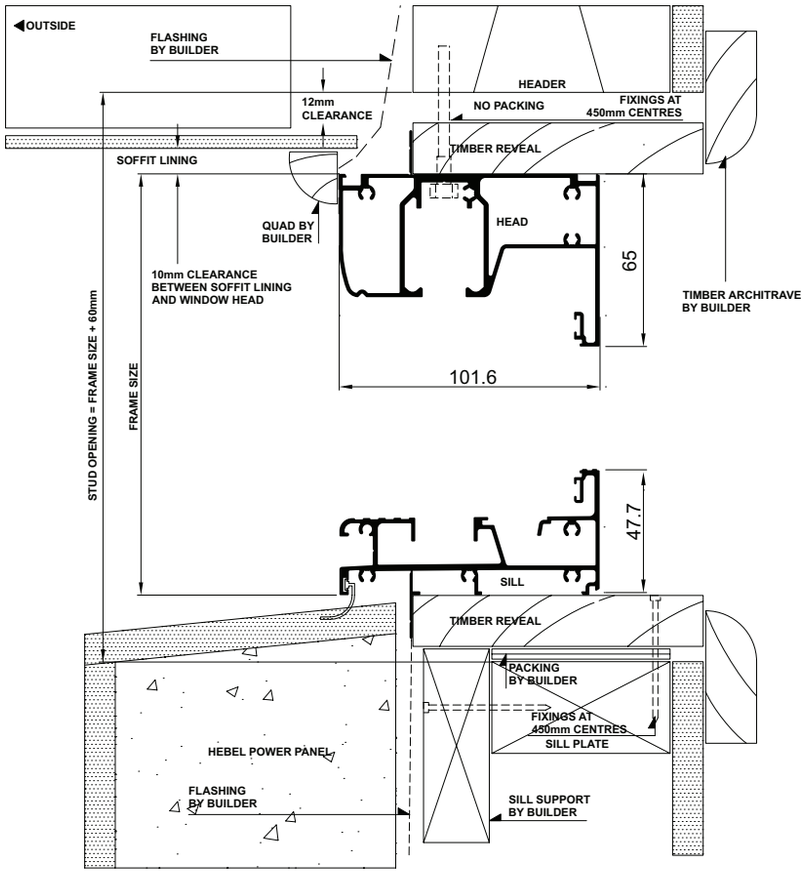
Please note that drawings displayed are not to scale

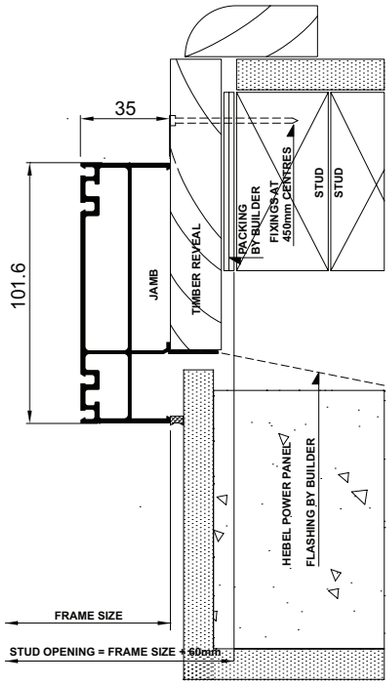
INSTALLING FRAME CORRECTLY

- Fit flashing to window 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 + 60mm
Width = Frame Size + 60mm

- Secure aluminum windows by nailing through reveal into studwork - fixing at 450mm maximum centres.
- Caulk between render and frame.
- 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 windows, install sill support (refer to drawings below).
- **Build-in 3mm camber to head.**
- **Bifolds top-hung - beam must support weight.**





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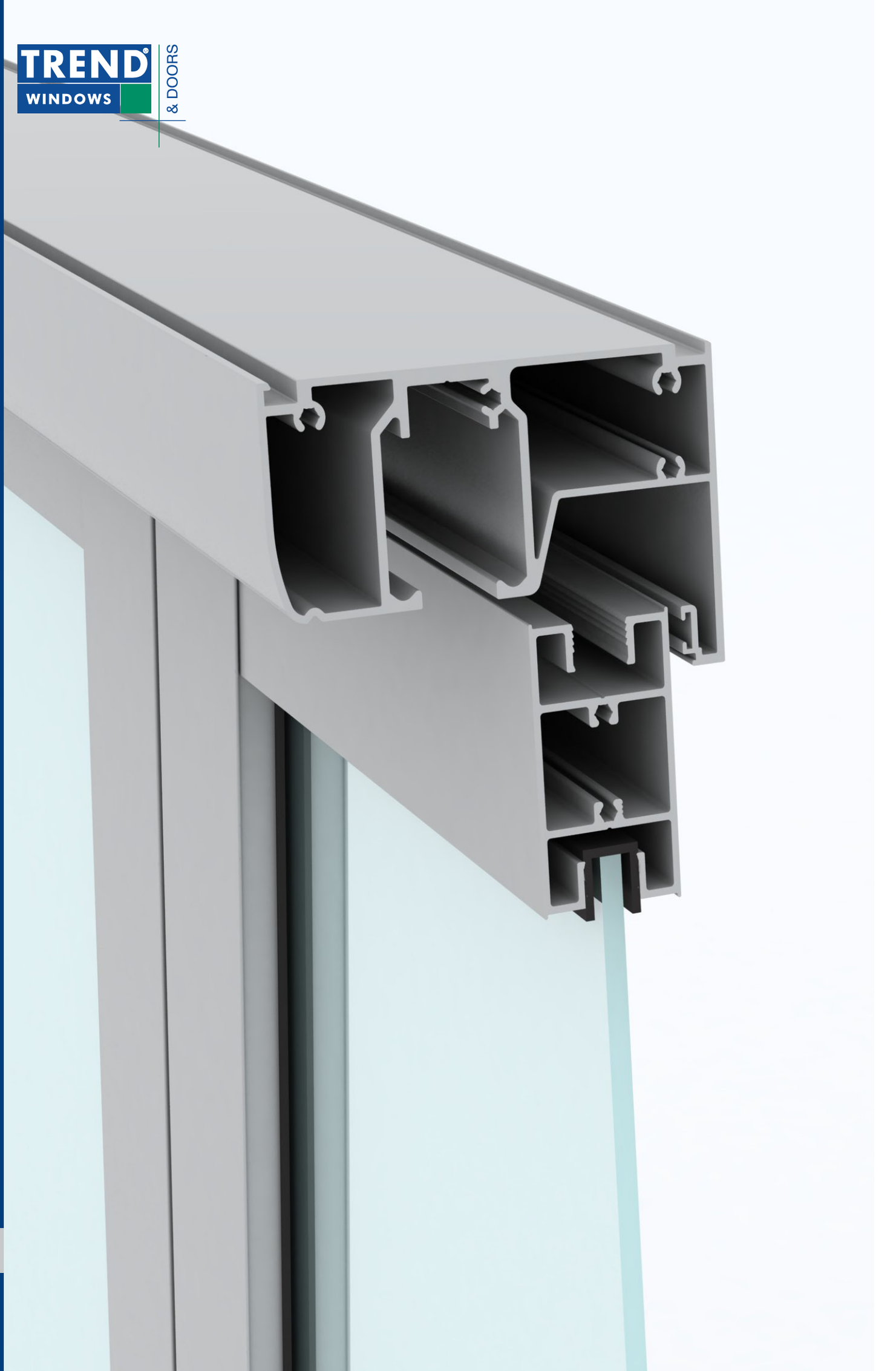
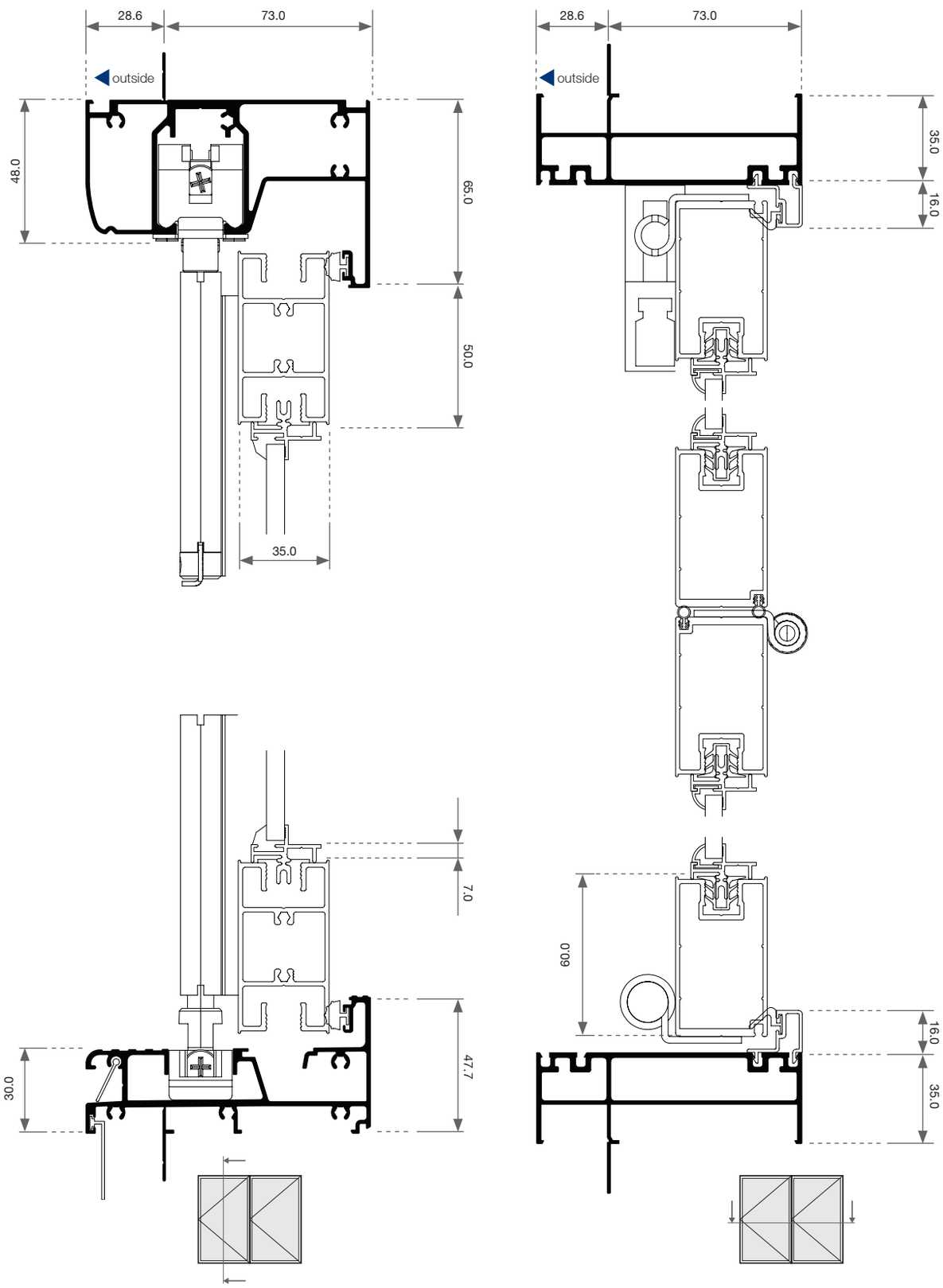


Quantum® Bifold Window

Cross Sectional Views

Bifold Window - Cross Sectional View

Two Lite



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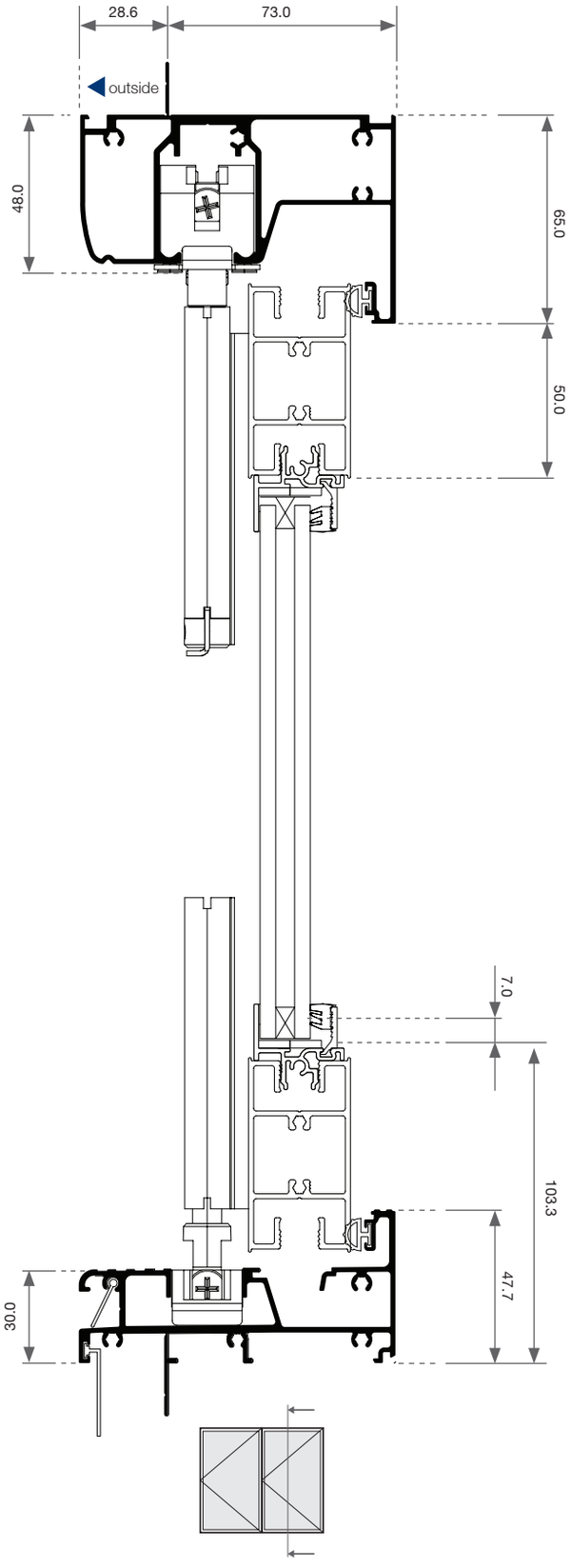
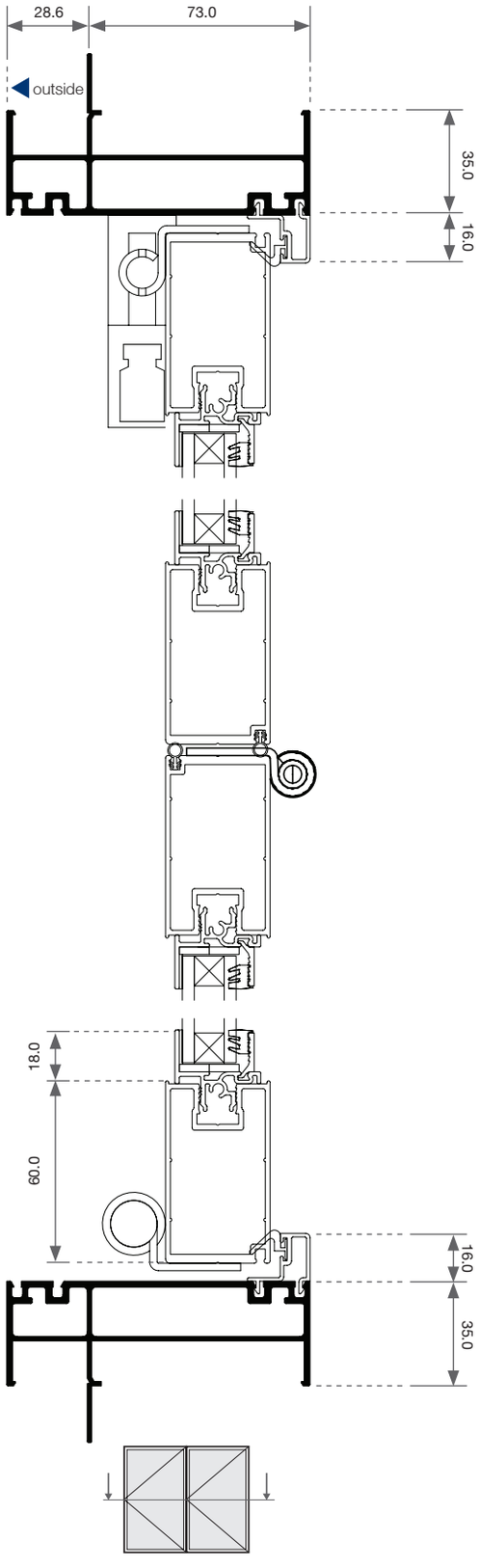
Bifold Window - Cross Sectional View

Two Lite | Double Glazed





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