

MAIN FEATURES

- Maximum 2.1m high doors in very high wind zones. For higher doors refer METRO SERIES (Section 4) or APL ARCHITECTURAL SERIES (Section 6)
- Single Sliding, Double Sliding and Multi Slider options
- The standard Single Sliding frame (SF - Single and Fixed) has a sliding panel on the inside of the sidelight. A variant, the Three Panel Slider (FSF), also has a single sliding door
- The Double Sliding frame (SS) has two sliding panels
- The Multi Slider comes as either a three panel unit (FSS), with two sliding panels, or a six-panel unit (FSS/SSF) with four sliding panels, providing expansive opening, with two panels moving one way and two moving the other
- A four panel slider is also available, three sliding and stacking behind a fixed light.
- Corner sliders without a corner post are possible
- Extra strong panels allow for a maximum 24mm double glazed unit
- A comprehensive range of surface-mounted and morticed sliding door locksets are available, including the Miro lock in two sizes.

FRAME TYPES

Single Sliding Door frames (Flat face and recessed).

Double Sliding Door frame.

Multi Slider Door frame.

Four Panel frame.

MULLIONS AND TRANSOMS

Standard Interlocker Mullion, box section, bead or pocket glazed.

Heavy Duty Interlocker Mullion, box section with box stiffener, bead or pocket glazed.

Three Panel (FSF) Mullion / Overlight Transom, box section, bead or pocket glazed.

Multi Slider Overlight Transom, box section, bead or pocket glazed.

SLIDING PANEL TYPES

Sliding Panel bead glazed for maximum 11mm single glazing or pocket glazed for 22mm double glazing (adaptor available to allow single pocket glazed).

Double Sliding Panel (SS), bead glazed for maximum 11mm single glazing or pocket glazed for 22mm double glazing.

Multi Slider (FSS), bead glazed for maximum 11mm single glazing or pocket glazed for 22mm double glazing.

Four Panel Slider (FSSJ) bead glazed for maximum 11mm single glaze or pocket glazed for 22mm double glazing.

A rail extender is available to deepen the look of bottom rails.

VISION RAILS

Box section, beaded or pocket glazed, with maximum 11mm single or 22mm double glazing.

FRAME COUPLING BARS

A range of coupling bars is available for joining the standard sliding and double frame slider to other door and window frames.

GLAZING BEADS

Beads come in three types to cater for different looks and glass thicknesses:

Flat (or Flush) where double glazing is used.

Sloped as standard for single glazed sashes and fixed lights.

Square to achieve a strong, solid look - when single glazing is used.

COLONIAL GLAZING BARS

These come in three bar widths -18mm, 24mm and 28mm. For single glazing the raised bar is adhered to the glass exterior with the matching size flat bar applied to the inside. For double glazing the flat bar must be used both internally and externally.

FLASHINGS

Altherm has a range of standard flashings.

FINISH / COLOUR

Powder Coated in a wide range of colours.

Anodised silver or bronze as standard, 12 micron thickness. Other colours and thicknesses are available.

GLASS

Minimum 5mm thickness, and double glazed units to a maximum of 22mm thickness are generally used. Glass thickness and type to be used is covered by the Human Impact Safety requirements of NZS4223. For further information consult your local Altherm manufacturer.

PERFORMANCE

Altherm complies with NZS4211: 2008 Performance of Windows. Certificates provided on request.

A guarantee for all Altherm products is provided under normal conditions of use against failure of materials and workmanship for five years from the date of practical completion.

SIZES

For standard sliding doors the WANZ minimum standard size for testing under NZS4211 is 2000mm high x 1200mm wide per sliding panel, 3 panel 2010mm high x 3610mm wide, 4 panel 2010mm high x 4810mm wide. Altherm sliders conform to the very high wind rating at these sizes. Tests indicate that Altherm standard sliding doors can be built to a height of 2400mm in very high wind zones in maximum panel widths of 1200mm. Some panel sizes will be possible in extra high wind zones. For larger doors designers should also consider using the METRO SERIES or APL ARCHITECTURAL SERIES.

For Multi Slider doors tests indicate conformance up to a maximum height of 2100mm at panel widths of 1200mm in very high wind zones. Larger panels will be possible in lower wind zones. REFER SPAN TABLES. For larger doors designers should also consider using the METRO SERIES or APL ARCHITECTURAL SERIES.

HARDWARE

A range of surface-mounted and morticed door locks is available. Locks generally come with different locking options e.g. non-locking (latching only), exterior key locking, interior key locking and double deadlocking.

Roller carriages are mounted in the bottom rail of each sliding panel and are easily replaced. The nylon roller bearing carriage has a 50kg rating.