

BI-FOLD WINDOWS

MAIN FEATURES

- For residential use
- Ideal for wide openings
- A wide range of configurations are available
- The bottom roller system allows greater load capacity and increased panel width
- An in-frame track provides optimum panel support
- A flat-faced frame for a clean, contemporary look
- For uncluttered decks a 'lay-back' option allows two panels to swing back against adjoining walls rather than project out at 90° - available in 2-panel and 2+2 configurations (NOTE: facing has to be within 15mm of final finished cladding line in order to achieve 180° opening)
- Square cut corners for improved aesthetics
- Miro or Urbo bi-fold handles are generally used for opening and locking.

FRAME TYPE

Open Out head and sill with guide channel, and jamb section.

PANEL TYPE

Standard box sections, bead glazed for single glazing and maximum 24mm double glazing.

TRANSOMS

Overlight Transom, box section, bead glazed for maximum 6.38mm single glazing and 24mm double glazing.

GLAZING BEADS

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

Flat (or Flush) where double glazing is used.

Sloped for single glazed sashes and fixed lights.

Square for fixed lights for single or double glazing are 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

FIRST 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

Double glazed units to a maximum of 24mm thickness are possible. Single glazing also available. Glass thicknesses should be in accordance with NZS4223: Glazing in Buildings. The full range of glass types can be included in this product. For further information consult your local FIRST manufacturer.

PERFORMANCE

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

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

SIZES

WANZ standard test size is 4-panel (2+2) 1400mm x 3200mm. A maximum panel weight of 50kg per leaf applies. A maximum sash height of 1800mm and width of 900mm is recommended. For advice on larger bi-fold sashes consult your FIRST manufacturer.

HARDWARE

FIRST bi-fold windows are generally supplied with Urbo or Miro bi-fold operators. Lockable versions of the operator are available. Black is the standard colour but hardware can be colour matched to the windows if desired. Elemental operators are available in silver or black anodised finish. Icon stainless steel bi-fold operators are also available.