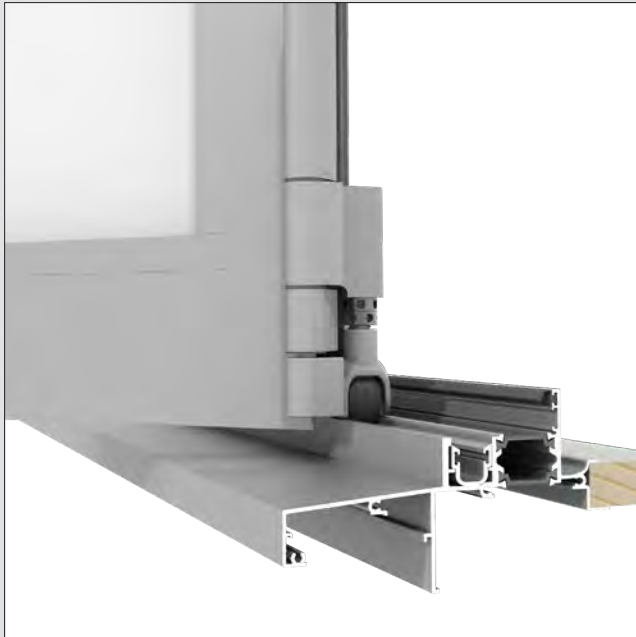


# Bi-fold Windows

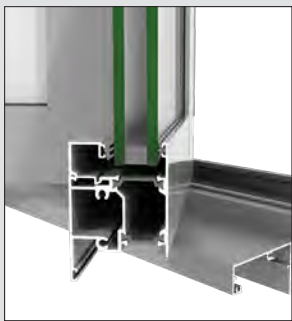
METRO SERIES THERMALHEART® WITH CENTRAFIX™  
APL



Bi-fold sill and panel roller.

## Key Features

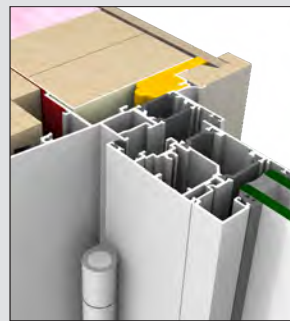
- Bottom rolling with an in-frame track for optimum panel support
- Panels are deeply set within the building wall, delivering a strong appearance
- A wide range of configurations available
- Assured smooth operation through enhanced adjustability
- Adjustable jamb pivots remove any stresses in bi-fold geometry
- A slender door stile and rail option is available to minimise visual intrusion
- The bi-fold window system uses the bi-fold door system with a smaller stile and top and bottom panel rail
- Overlights possible
- Maximum glass thickness of 44mm IGU – compliance with NZBC clause H1 Energy Efficiency requires high performing Low-E double glazing.



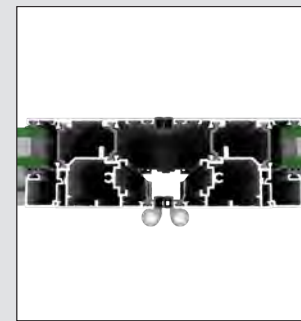
Narrow rail option.



Urbo, Miro and Icon bi-fold handle.



Bi-fold window stile.



Bi-fold window meeting stiles.

## Specifications

### Dimensions

Because they use the bi-fold door system, windows can be built to tall heights with a recommended panel size of 2000mm high by 900mm wide

### Maximum Glass Thickness

44mm IGU

### Thermal Values

Complies with the Construction R-values provided in NZBC clause H1, Appendix E, 1.1.1., table E1.1.1.

### Performance

Tested to Extra High wind zone

## Design Considerations

- Careful consideration of bi-fold use is required when projecting on to decks or pedestrian areas
- Consider the ease of reaching to the bi-fold handle if the window is placed beyond a bench
- A good option for maximum views and ventilation when open, but needs to be monitored if windy conditions occur
- Free-swinging panels are not recommended in bi-fold window applications
- In closed position bi-fold window stiles impact views
- Centrafix™ has a predefined distance to accommodate the building cavity and claddings, some bespoke claddings may not suit.