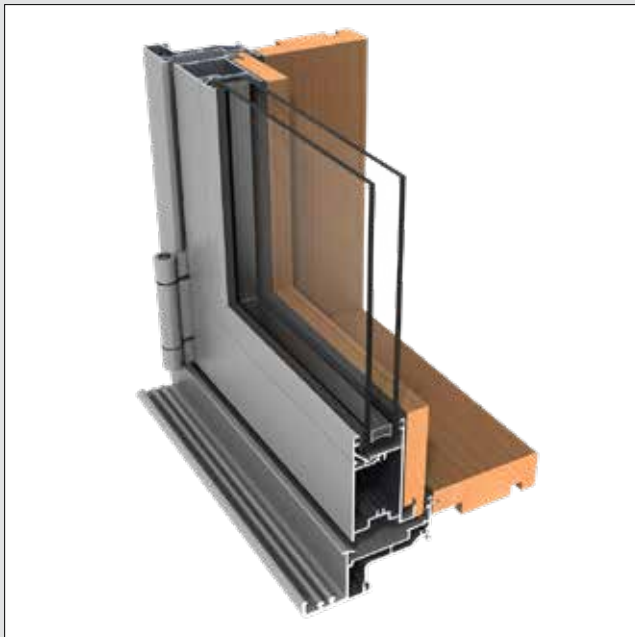


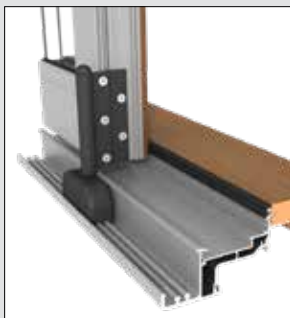
Bi-fold Windows



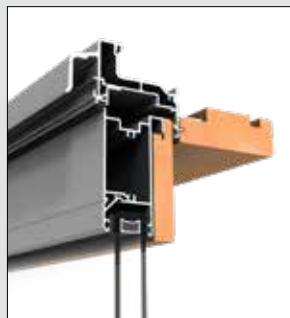
Bi-fold sill, rail and stile section.

Key Features

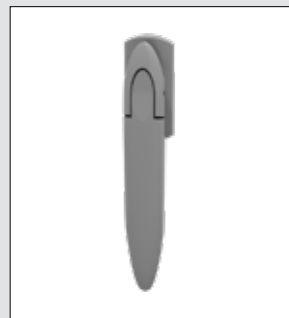
- The Smartwood bi-fold window system is bottom rolling for optimum panel support
- Rollers run on an external track
- The bi-fold window uses the bi-fold door frame and track but the panels have smaller rails and stiles
- A minimum panel width of 650mm applies
- Generous 24mm weather cover on frame
- Smartwood bi-fold windows are generally supplied in multiples of two i.e. 2-panel, 4-panel, 6-panel (free-swinging third panels are not recommended in bi-fold window applications).



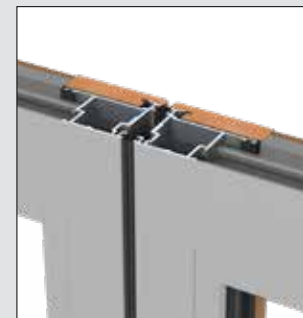
Sill track and panel roller.



Bi-fold window head.



Miro bi-fold handle.



Bi-fold window meeting stiles.

Specifications

Dimensions

Recommended maximum panels of 1800mm high x 900mm wide. A minimum panel width of 650mm is required

Maximum Glass Thickness

32mm IGU

Thermal Values

U-value 4.518 R-value 0.221

Performance

Tested to Very High wind zone

Design Considerations

- Smartwood products need sealing after installation with an appropriate finish e.g. oiled, varnished, stained or painted - regular care and restoration recommended
- 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.

