**Specification for Metro Series Thermal Heart Windows & Doors**

1 July 2013

***ALTHERM – METRO SERIES THERMAL HEART***

**5.3 BI-FOLD WINDOWS**

*A wide range of open-out configurations are available including the ‘lay-back’ option for 2-panel formats, which allows the panels to open back against an adjacent wall.*

Windows shall be constructed using Metro Series Thermal Heart bi-fold window frames and an IGU thickness up to 24mm.

* All profiles are from the Metro Series Thermal Heart bi-fold door system, which is bottom rolling with an in-frame track.

*(* ***NOTE****; check the visible glass area when specifying Metro Series bi-fold windows for units below 1.00m in height)*

* All windows are externally beaded with square edge rather than sloped beads.

- Standard configuration

Applies to Window No’s... *(or refer to the window schedule drawing)*

* Lay-back configuration

*(only two panels per side can ‘lay-back’)*

Applies to Window No’s... *(or refer to the window schedule drawing)*

*For alternative options contact APL Technical Support*

**5.7 BI-FOLD DOORS**

*This robust bi-fold system is rated to 2.4m high in ‘very high’ wind zones and includes panels with square-cut corners and an in-frame track for direct frame support. A wide range of configurations are available including the ‘lay-back’ option for 2-panel formats, which allows the panels to open back against an adjacent wall.*

Doors shall be constructed using Metro Series Thermal Heart bi-fold door frames, utilising panels with an IGU thickness up to 24mm.

* Standard configuration

Open Out

Applies to Door No’s... *(or refer to the window schedule drawing)*

* Lay-back configuration

*(only two panels per side can ‘lay-back’)*

Applies to Door No’s... *(or refer to the window schedule drawing)*

* Sidelights and overlights are possible through the use of either an integral mullion/transom or by using a coupling bar with the Metro Series Thermal Heart bi-fold door frame.
* Options = ...

*(options = special requirements e.g. parliament hinges)*

Applies to Door No’s... *(or refer to the window schedule drawing)*

*For alternative options contact APL Technical Support*