

New APL Products Rolling Out

New releases from APL (Architectural Profiles Ltd) enhance functionality and aesthetics across a range of window and door products.

The new releases are available through Altherm, First and Vantage window and door manufacturers nationwide.

THERMAL HEART ROOF WINDOW

This product minimises condensation that is sometimes experienced with non-thermally broken rooflights.



The Thermal Heart window has many positives, apart from its thermal advantages. It comes with a self-cleaning 24mm IGU structurally glazed into the sash or fixed light frame with double-sided tape and sealants. It has no beads and therefore no potential to trap or pond rainwater. Thus supply at low roof pitches is possible.

Profiles have a square, flush appearance and there is no overlapping cowl on the outside of the opening version. Like other Thermal Heart products the roof window will be capable of dual colour treatment.

METRO SLIDER OPENING WINDOW

An awning window integrated with the Metro Sliding Door is also being released. It can be incorporated into the sliding panel in two-panel formats and into the outer panel on stackers.



A special fastener has been developed that lies flush with the vision rail in the closed position. To open the window a cam lever is released on one side of the handle and then the handle itself is pushed.



This releases the sash and at the same time the handle extends to act as a finger grip for closing (see photo above). A trickle vent position is available just by releasing and closing the cam lever. The fastener is made by Assa Abloy and is in diecast zinc. The striker is in black acetal.

APL ARCHITECTURAL SERIES 3-PANEL BYPASS

This is a stacking door that can be opened from either jamb. The central panel is not a 'floater' - capable of independent movement - but is always the second stacking panel. The key visual feature of this product offering is the open tracks at sill and head. There are no thresholds.



It is also available in a 6-panel configuration. In this multi-option brainteaser the user can open three panels on the left or right, two panels bi-parting in the centre, or one panel at each jamb together with the two bi-parting central panels.

As with the 2-panel bypass the wider options have a reduced weathering performance compared with the standard slider offering.

GLAZED PLASMA DOOR



APL's new Plasma entrance door offering is the ultimate in a clean architectural look. Its flat sheet interior and exterior aluminium facing provides a stunning surface for powder coatings, two-pot laquer finishes or anodising.

Now glazed inserts can be included (as shown above) with position and sizing by customer request.

A high-density polystyrene fill makes the Plasma door one of the lightest solid entrance doors in aluminium on the market. It has excellent thermal, acoustic and strength characteristics, and dual colour is also available.