

AM Profiles launch composite Sliding Folding Door

AM Profiles has extended its range of timber aluminium composite products to include a high quality Sliding Folding Door system. The new composite product compliments the windows, hinged door and curtain wall already available under the Design-5 banner. The premier composite system has stainless steel bearings in the pivots and carriers allowing even the largest doors to be moved with fingertip ease.

The Design-5 sliding folding door is available fully fabricated from AM Profiles and registered manufacturers or can be supplied in a 'flat pack' easy to assemble kit form. The aluminium bar length profiles are available as a 'system' to aluminium fabricators or constructed aluminium squares can be supplied to joinery manufacturers.

The composite sliding folding door accommodates the Centor hardware system which offers a high degree of vertical and lateral adjustment. Panels up to 3000mm high by 1000mm wide, and 80kg in weight can be produced. The system is designed to accommodate up to 16 door panels within a frame so an opening of 16 metres is possible.



Design-5 Window goes from strength-to-strength



Design-5 is our highly competitively priced composite window system featuring market leading test performance. Sales of composite products is increasing at a strong and steady pace and we are keen to talk to our existing purchasing partners about how we can develop timber aluminium composite sales together.

Our range of composite solutions include:-

Open Out Windows

- Top & Side swing reversible
- Top & Side hung open out casement
- Fixed lights beaded on the inside or outside

Open In Windows

- Tilt & Turn

Doors

- Hinged single or double open in or open out
- Sliding Folding ● In-line Patio ● Tilt & Slide Patio

Curtain Wall

An advanced 'true' curtain wall design featuring laminated beam mullions and transoms with aluminium face capping extrusions and glass, panel or composite window inserts.

AM offer new standards in aluminium window technology

The need for a very high performance aluminium window system with astonishing design flexibility has been identified by AM Profiles. The new FRAME+ product, soon to be offered in a fabricated form by AM, will be such a product. Market leading thermal performance and adaptability at exceptionally competitive rates.

With its modular set-up, innovative system components and adaptable thermal insulation FRAME+ sets new standards for aluminium windows:

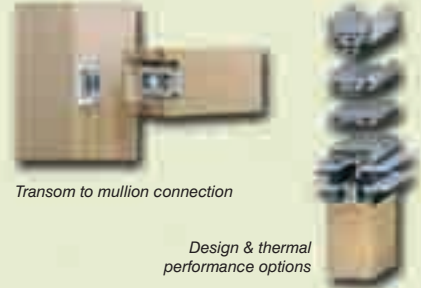
- 'THERMORIT' insulation bar technology with an adaptable Uf value from 2,0 down to 1,3 W/m²K, for maximum energy conservation
- A window system and a window façade system from one range of compatible and adaptable profiles



An Education in Composite Curtain Wall

AM is supplying the timber aluminium curtain wall for the futuristic extension block at Northbury School in Essex. The laminated timber beam curtain wall structure, with aluminium capping and sophisticated gasket design, has a contract value in excess of £500,000 to AM Profiles. The composite curtain wall has been extensively and successfully tested at CWCT and at Rosenheim Germany. If required the system can also meet the PassivHaus thermal requirement of 0.8W/m²K.

The 56mm wide by 260mm and 220mm deep laminated timber mullions and transoms are factory prepared on AM Profiles' recently commissioned SCM machining centre to ensure precision engineering of all components. The aluminium front sections are also precisely machined and joined to the laminated timber before the ready to erect profiles are delivered to site in stick form. All sections are supplied by AM Profiles fully finished, so, for the installer, the 'build' of the system is very similar to an aluminium curtain wall. The advanced hidden connection method between transoms and mullions ensures accurate and neat completion and will facilitate glass loadings of up to 450kg per panel area.



AM Profiles' Structural Silicone Glazing for 'Amazing' Dalry School



AM Profiles have recently supplied Kaye Hinchliffe System 65SG Structural Silicone Glazing for the new Primary School and Community Centre in the town of Dalry Ayrshire. Robert Noble, AM Profiles' Technical Director commented 'this project has been one of the most interesting ever – the building is so radical - we worked closely with Radbury, our client and the architects and now feel that the glass wall effect of the silicone glazing, within this novel building, looks amazing'.

The purchase of Kaye Hinchliffe a few years ago massively increased the range of aluminium systems AM can offer. The Structural Silicone Glazing solution included in the Kaye Hinchliffe range offered exclusively by AM Profiles was exactly what North Ayrshire required for the Dalry School as it has the aesthetics that the design team required and offered a cost saving against the European based system originally considered.

Silicone Glazing can be a very interesting architectural feature with the glass units appearing to stand on their own with only a thin silicone seal between each pane. No structural aluminium members are visible externally as the aluminium 'skeleton' is behind the glass.

Did you know we also sell the following?

- Secondary aluminium glazing system
- Bond on aluminium astragal bars – available in two sizes
- Aluminium guttering
- Patent Glazing
- Secured-by-Design accredited products
- Composite and aluminium systems
- Fabricated products from our large modern facility
- Aluminium door kits cut-to-size at no extra cost
- Shop-front system

We have many hundreds of aluminium dies to extrude from so if you are looking for an aluminium product look no further, just contact AM sales on 01246 856000



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Certificate number 808



Glass and Glazing Federation



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