

PRODUCT RANGE

The AM Profiles ALARBOND UNI Top Swing system is available in a wide range of styles including :-

- Fully Reversible Top Swing
- Fully Reversible Side Swing
- Top or Side Hung Open Out
- Fixed Panes

INTERNAL

Choice of hardwoods or softwoods treated with clear IMPRALAN-GRUND G100 preservative primer, and finished with colourless IMPRALAN-LASUR S100 water based satin finish to 90 microns. Mitred and mechanically fixed.

INTERMEDIARY

PVC extrusions between aluminium and timber are bonded with moisture curing polyurethane adhesive.

EXTERNAL

Aluminium extruded from alloy 6063 T6 in accordance with BS1474-1987. Polyester powder coated to BS 6496 - 1984 (Full RAL and BS Range available) or anodised to BS 3987.

SYSTEM DETAILS

The timber and aluminium sections are bonded together using a patented jointing method. Unprotected profiles have been subjected to the following accelerated weathering cycle to BS (EN) 29142 D3. The BS (EN) 29142 test comprises 28 days of:

15hrs	+40°C	@ 95% Relative Humidity
4 hrs	-40°C	
4 hrs	+70°C	@ 50% R.H.

The force required to split the two materials apart was, in the case of both Deal & Meranti, greater after the cycle than that of the room temperature control sample. In the case of Meranti after the cycle the wood split and the profile deformed without any cohesive failure of the adhesive.

Weatherstripping with Schlegel "Q-Lon".

Furniture and fittings

PN-Uni hinge incorporating two point safety restrictor, powder coated track and yellow chromated arms with protective lacquer.

Shootbolt or espagnolette with a choice of colour coated handle.

Locking or Non Locking Handle option.

Background Trickle ventilation options.

GLAZING

Single, double or triple glazed options in accordance with BS 6262 from 4mm - 32mm.

All glazing beads are fitted from the inside allowing for the safe removal / replacement of glazing on site.

PERFORMANCE

All ALARBOND windows are manufactured by trained and registered fabricators. Products have been manufactured and independently tested and have achieved the following results.

AIR INFILTRATION

Samples satisfied the requirements of BS EN 12207: 1999, achieving the highest positive pressure class of 600 Pa Class 4 and class 3 at negative pressures.

WATER PENETRATION

Samples exceeded the requirements of BS EN 12208:2000, achieving a test pressure class of 7A at 300 Pa (Severe rating is achieved at 300 Pa)

WIND RESISTANCE

Exceeded the requirements of BS EN 12210:2000, a test pressure classification of 5C AT 3000 Pa was achieved (Severe rating is 2000 Pa)

SECURITY

The PN Hinges and Maco hardware have been fitted to windows and have reached the requirements of BS 7950.

Full test reports are available on request.

FIRE ESCAPE

The ALARBOND range includes a fully reversible side swing window allowing for fire egress and easy clean within the same window.

AM Profiles Ltd reserve the right to change designs and specification without prior notification

Drawing not to scale

