

PRODUCT RANGE

AM Profiles' ALARBOND Tilt & Turn composite system is available in a wide range of styles including: -

- Tilt/Turn Opening Window
- Bottom Hung Open In
- Side Hung Open In
- Tilt/Slide Patio Doors
- 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 JOINTING COMPOUND

3M - 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)

Anodised to BS 3987 or

Wrapped with PVC-U veneers onto powder paint

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 of the following: -

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.

Weather-stripping with Schlegel "Q-Lon" and intermediate wiper seal.

Furniture and fittings

Choice of standard or fully concealed Tilt-Turn hinges.

Colour coated and suited handles.

Locking or Non Locking Handle option.

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 approved fabricators. Products have been manufactured and independently tested and have achieved the following results.

AIR INFILTRATION

Samples satisfied the requirements of BS6375: Part 1 - 1989 achieving the highest pressure class of 600Pa Class C

WATER PENETRATION

Exceeding the requirements of BS6375: Part 1 - 1989, a test pressure class of 1000 Pa was achieved (Severe rating is 300Pa)

WIND RESISTANCE

Samples exceeded the requirements of BS6375: - Part 1 - 1989, achieving a test pressure class of 3200 Pa (Severe rating is achieved at 2000Pa)

Full test reports are available on request

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

Drawing not to scale

