LARBOND

Aluminium/Timber Composite

Stepped Top Swing

Specification Sheet July.2004

The AM Profiles' ALARBOND system is composite in design, incorporating aluminium structural extrusions externally and timber profiles internally. The aluminium and timber are adhered together to produce a permanent bond. The system combines the strength and rigidity of aluminium with the thermal performance of timber and is ideal for dual colour projects

INTERNAL

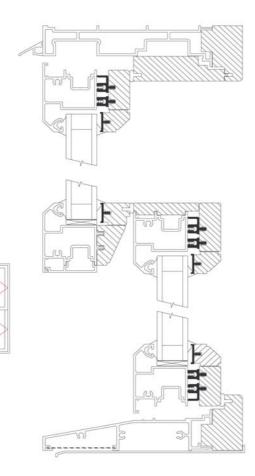
Choice of hardwoods or softwoods treated with clear IMPRALAN-GRUND G100 preservative primer, and finished with colourless IMPRALAN-LASUR S100 water based satin finish to 90 microns. Mitred and mechanically fixed.

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).

GLAZING

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



SYSTEM DETAILS

The ALARBOND Stepped Top Swing window is available in a wide range of styles including: -

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

Sight Lines

With the top sash closing onto the lower sash the window has similar sight lines as a traditional sash and case. The centre mullion sight line is only 52mm.

Weather-stripping with Schlegel "Q-Lon".

Furniture and fittings

The Peder Nielsen Top Swing UNI Hinge incorporates a twopoint safety restrictor, has powder coated tracks and yellow chromate arms with protective lacquer. Tested to BS 6375: Part 2: 1987.

Espagnolette locking system with a choice of colour coated and suited handles (locking or non locking).

Background Trickle ventilation options.

SECURITY

The glazing and hardware of the window has been independently tested to meet the PAS011 standard.

PERFORMANCE

All ALARBOND windows are manufactured by trained and approved fabricators. Products have been independently tested and 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

Samples exceeded the requirements of BS6375: Part 1 - 1989.

WIND RESISTANCE

Samples achieved the requirements of BS6375: - Part 1 - 1989.

ANCILLARY PROFILES

Cills, Frame Extension and Couplings are available.

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



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