

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 two-point 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*

