

SERIES 580 SYSTEM

The AM Profiles Series 580 Uni Top Swing Window has been designed to provide a high performance, cost effective solution for high rise and commercial properties where cleaning from the inside is required without the sash entering the room.

MATERIALS

Aluminium profiles 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.

THERMAL BARRIER

A polyurethane thermal barrier separates the external and internal surfaces reducing the thermal transistance to approx 3.1 W / m² / °C.

SYSTEM DETAILS

The AMTHERM UNI window 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

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.

Cockspur, Shootbolt, Espagnolette or Folding Openers with a choice of colour coated and suited handles (locking or non locking).

Background Trickle ventilation options.

GLAZING

Single, double or triple glazed options in accordance with BS 6262 from 4mm - 46mm. Sashes reversible for ease of cleaning and re-glazing.

SECURITY

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

PERFORMANCE

All AMTHERM UNI 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, achieving a test pressure class of 2400Pa.

FIRE ESCAPE

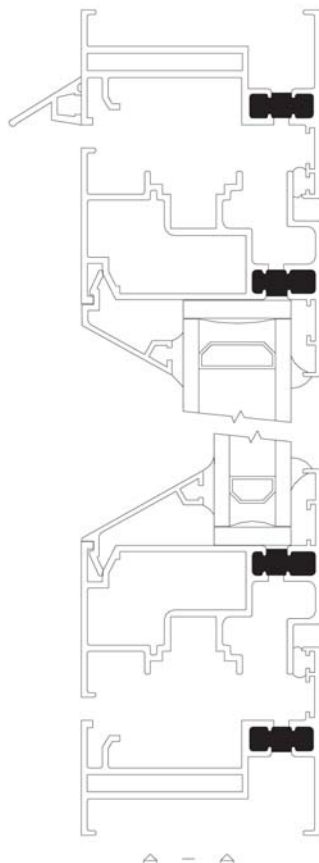
The AMTHERM UNI window allows for fire egress and easy clean within the same window.

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