

SERIES 520 SYSTEM

The AM Profiles Series 520 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.

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. Dual colour also available.

THERMAL BARRIER

A polyurethane thermal barrier separates the external and internal surfaces. The window meets the requirements of document L.

SYSTEM DETAILS

The AMTHERM 520 window is available in a wide range of styles including :-

- Tilt/Turn Open In
- Bottom Hung Open In
- Side Hung Open In
- Fixed Panes

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

Furniture and fittings

A choice of open in casement vent, standard or fully concealed Tilt-Turn hinges can be selected. All gearing and locking systems are positively located into the aluminium eurogroove.

Colour coated, suited, locking or non locking handles.

Background Trickle Ventilation options.

GLAZING

Single, double or triple glazing in accordance with BS 6262 from 4mm - 46mm. All glazing beads are fitted from the inside to maximise security and to allow for the safe removal / replacement of glazing on site.

SECURITY

The glazing and hardware of the window has been independently tested to meet the GGF specification 'improved security of window, Feb. 1995' or BSI PAS011.

PERFORMANCE

All AMTHERM windows are manufactured by trained and approved fabricators. Windows 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, achieving a test pressure class of 600 Pa (Severe rating is achieved at 300Pa).

WIND RESISTANCE

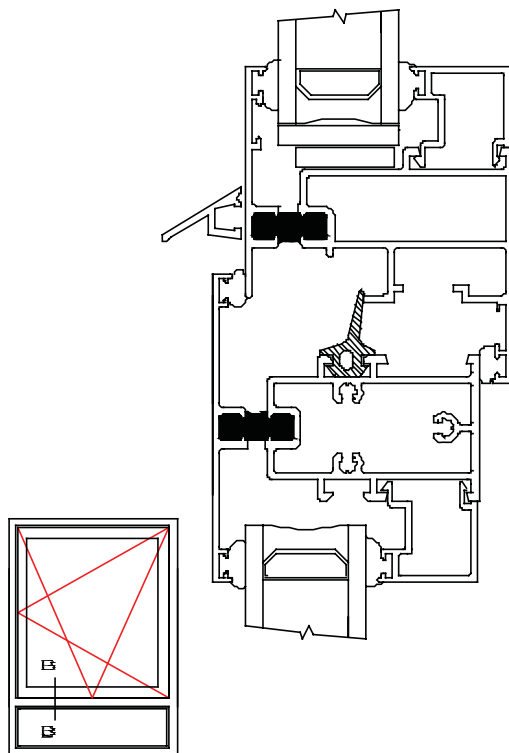
Samples achieved the requirements of BS6375: - Part 1 - 1989, achieving a test pressure class of Severe.

FIRE ESCAPE

The AMTHERM Tilt & Turn window allows for fire egress and easy clean within the same window.

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