

Products - SMART Sliding Folding Door (E-fold)

The thermally broken sliding folding door system is designed to allow for maximum throughfare through an opening.

The system is built up using a frame in which moveable parts or elements are placed in such a way that it is possible to fold the elements to the left or right. These elements or sashes are supported and hinged to a mullion.

At the bottom the mullion is supported by a roller mechanism which slides along the sill profile while at the top, the mullion is guided by another roller mechanism. There are several possible combinations of elements and opening sashes.

Features

1. Polyamide thermal break for superior insulation
2. Security locking on main doors and intermediate stiles
3. Maximum sash weight up to 80Kg
4. High performance weathering
5. Internally beaded
6. Virtually maintenance free
7. Opening inside or outside of building
8. Choice between standard cill or low cill
9. Accommodate many styles and opening options
10. Slide left or right in opening



Technical Details

Materials Aluminium alloy 6060/6063 T5/T6 in condition F22 to NBN P21-001 and DIN 1725

Thermal Break : Polyamide strips PA 6.6.
25% reinforced with glass fibre

Glazing seals : EPDM to DIN 7863, TV 110 NFP 85301, ISO 3994

Weather Seals : Woolpile and EPDM

Finishes Polyester powder coated to BS6496/APA-Quolicoat guidelines. Anodised satin or bronze colours with EWAA/EURAS-Qualinod quality label.

Dual colour available.

Profile Width Various options depending on design considerations

Depth of Frame 70mm

Building Applications Designed for use as doors for single/double (open in or out), Sliding and folding screens (open in or out)
Internally beaded for use on domestic and all commercial applications

Special Features All applications are internally glazed with square or round edge beads
Polyamide thermally break allowing dual colour option

Glazing From 4mm to 38mm

Sash Inserts Visoline window types

Performance Tests conducted in accordance with STS 52.0.
Complies with Doc. L for thermal transmittance