

Products - SMART Alitherm Doors

Alitherm doors are designed for use as open out or open in, single or double doors, internally or externally beaded with side-light and low threshold options.

Elegant, yet strong and durable Alitherm doors enhance the beauty of your home, keep in the warmth and let in more light because of the slim sightlines. Peace of mind is ensured by the enhanced security provided by a multi-point locking system.

Features

1. High security interlocking bead - extremely difficult to remove once glazed
2. Available in a choice of colours and finishes
3. Range of glazing options
4. Internal wedge gasket
5. Concealed stainless steel stay for variable opening
6. Elegant ovolo internal frame
7. High performance weather stripping



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

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 47mm or 70mm

Building Applications Designed for use as open out or open in, single or double doors, Internally or externally beaded with side-light options for domestic and light/medium commercial applications.

Single Door : Max width 900mm, Max height 2400mm
Double Door : Max width 1800mm, Max height 2400mm
Subject to agreement it is possible to exceed these limitations depending on design criteria.

Special Features Polyamide thermally break allowing dual colour option

Glazing 24mm, 28mm and 32mm

Sash Inserts Allows fully framed or low threshold door sashes

Performance Weather tested in accordance with BS 6375 Pts 1
Complies with Doc. L for thermal transmittance