

Products - SMART Alitherm Doors

The Alitherm range of windows offers all you would expect from a quality system – Greater comfort, better insulation, minimal maintenance, aesthetically pleasing appearance and enhanced security. In short, the Alitherm product range offers you peace of mind but even more it represents a sound investment in your property.

Our unique style of windows are available in a choice of finishes and colours externally including luxurious mahogany and rich golden oak as well as a white finish internally.

Features

1. High security sash with two aluminium walls for extra rigidity
2. External or internal bead options
3. Hooded bead
4. 24, 28, or 32mm double glazed units
5. Captive bead gasket
6. High security interlocking bead
7. High performance weather stripping prevents air and water ingress
8. Soft contoured internal frame, with concealed stainless steel stays for variable opening
9. Elegant ovolo interior design in aluminium
10. Polyamide thermal break for high resistance to cold transfer and condensation
11. Dual colour option allowing different colours on the internal and external face



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

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

Polyamide PA 6.6.25% reinforced with glass fibre

Finishes Polyester powder coat paint to BS6496 in a wide choice of colours. Woodgrain laminate in Mahogany & Light Oak Anodised to BS3987, Grade AA25.

Building Applications Designed for use as fixed lights and open out windows, internally or externally beaded for domestic and light/medium commercial applications.

Special Features Designed for high thermal efficiency using slimline profiles
Ovolo, chamfered or square main profile options
High security glazing and shoot-bolt locking options.

Glazing External or Internal, aluminium glazing beads and flexible gaskets to BS6262. Beads and gaskets will accommodate a range of glazing options.

Glazing Bead Clip in aluminium glazing beads to accommodate a range of glazing options

Glazing Gaskets Internal wedge gasket and Captive bead gasket
High performance weather stripping

Locking Mechanism Windows accommodate internally fitted and face mounted shoot-bolt locking systems

Handles Key operated locking handles

Hinges Concealed stainless steel projecting friction

Performance Tests Successfully weather tested in accordance with BS6375 Pt 1. Complies with Doc. L for thermal transmittance