

Products - SMART Duotherm Doors

Can't decide between aluminium or PVCu? Now you can have both. Our Duotherm door combines the durability, strength and slimline design of aluminium on the outside, with the warmth and insulation of PVCu on the inside.

Duotherm will complement the architecture of almost any home, whether traditional or modern. A wide range of styles and glazing options are available, as well as a choice of colours and finishes including mahogany or golden oak, and even a dual colour option.

Features

1. Combination of Aluminium & PVCu
2. Traditional Sculptured Timber Appearance on the inside
3. Choice of Laminated Finishes Available
4. Dual Colour available
5. Low threshold option available
6. Slim Sight Lines
7. Internally or Externally beaded
8. High thermal efficiency
9. Ovolo, chamfered or square main profile options
10. High security glazing and three point locking
11. Choice of Frame Fix or Direct Fix



Technical Details

Materials Aluminium alloy 6060/6063 T5/T6 to comply with BS EN 12020-2:2001/BS7599-9:2001

Internal PVC window grade profile to BS 7413

Glazing and weather seals comply with BS 4255 and BS 4255 Pt 1

Finishes Polyester powder coated paint to BS6496.
Dual colour available.
Standard RAL colours supplied.
Anodised finish AA25 to BS 3987.
Woodgrain finishes in Mahogany and Light Oak

Profile Width Various options depending on design considerations

Depth of Frame 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 914mm, 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 Designed for high thermal efficiency - Structural aluminium sections are clad internally with PVC profiles.
Ovolo, Chamfered or square main profile options
High security glazing and three point locking

Glazing 24mm

Sash Inserts Allows fully framed or low threshold door sashes

Performance Complies with Doc. L for thermal transmittance