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## Products - SMART Duotherm Windows

Can't decide between aluminium or PVCu? Now you can have both. Our Duotherm window 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. Shootbolt Locking Systems
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** 51mm and 70mm

**Building Applications** Designed for use as fixed lights, tilt and turn, fully reversible side or top hung open out windows, internally or externally beaded for domestic and light/medium commercial applications.

**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** 20mm, 24mm, 28mm or 32mm

**Sash Inserts** Top or side hung opening, tilt and turn and top swing fully reversible options

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