

# Manual Access Rooflights

*An attractive and contemporary rooflight solution that provides daylight, natural ventilation and roof access*



## Key Features & Benefits

- 15 year warranty\*
- Fully thermally-broken aluminium glazing frame prevents cold bridging, reducing the risk of condensation
- Excellent thermal performance, with total system U-values as low as 0.6 W/m<sup>2</sup>K achievable
- Quick and easy to install on-site
- Designed to be installed on pitches from 3 degrees
- Recommended minimum pitch of 5 degrees to help shed water
- Minimal framework: daylight is maximised while the visible framework is minimised
- Shoot bolt locks as standard for additional security
- Gas ram assisted opening mechanism (to a maximum of 80°)

## Frame Specification

- The Manual Access Flatglass rooflight frame is manufactured from extruded aluminium section to BS 1474, EN 12020-1:2001
- Polyamide thermal break within the glazing frame makes it fully thermally-broken and thermally-efficient
- Polyester Powder Coated Aluminium to BS EN 12206-1:2004
- **RAL Colours:** Anthracite Grey (RAL 7016) rooflight frames
- White (RAL 9010) and Black (RAL 9005) frames are also available as standard
- Bespoke RAL colour options available

## Critical Kerb External Dimensions (Standard Glass Specification)

Min. Kerb Height: ( )  
 Min. Kerb Thickness: 75mm (excluding finishes)  
 Max. Size: 20 x 20  
 Min. Size: 5 x 650mm  
 Min. Pitch:  
 Max. Opening Angle: 80°

## British Standards Compliance

BS 6375-1: †  
 BS EN 1026: ° h  
 BS EN 1027: †  
 BS EN 12211: † k  
 BS EN 12206-1:2004: h h #



## Design Loadings

Snow: 640 N/m<sup>2</sup>  
 Wind: 750 N/m<sup>2</sup>

## Product Testing & Certification

- **Weathertightness:** CWCT Class A4 Air leakage, Resistance to Wind Class E2400 Pa and Watertightness Class R7
- **Non-fragility:** CWCT TN66/67 and TN92, with Class 1 and Class 2 compliant solutions available
- **AA Fire-rated:** AA Designation (National Class) or BROF (T4) European Class and Euro Class A1 non-combustible

## Glass Specification

### Double Glazed - Standard:

**Outer:** 4mm or 6mm Clear Heat Soak Tested Toughened glass

**Cavity:** 24mm or 20mm Argon filled with Swisspacer warm edge spacer silicone bonded

**Inner:** 4mm or 6mm Clear Heat Soak Tested Toughened glass with Soft Low-E coating to cavity face

## Rooflight Performance

Building Regulations (E&W) Approved Document L compliant design to achieve low U-values

**U-values:** As low as 0.6 W/m<sup>2</sup>K

**G-values:** As low as 0.19

**Light Transmission:** Up to 78.5%



## Bespoke Glass Options

- Solar Control
- Privacy Glass
- Body Tinted
- Acoustic Laminate
- Coloured Glass
- Easy-clean Coatings (Ritec)
- CUIIN Advanced Thermal Performance
- Triple Glazed and 8.8mm Laminated Inner options are available on request



## Get in touch for Technical and Estimating Advice:

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