

Flatglass

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/m²K 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: 150mm (at the eaves end)
 Min. Kerb Thickness: 75mm (excluding finishes)
 Max. Size: 1200mm x 1200mm
 Min. Size: 650mm x 650mm
 Max Pitch: 3°
 Max. Opening Angle: 80°

British Standards Compliance

BS 6375-1: Weathertightness
 BS EN 1026: Air Permeability
 BS EN 1027: Watertightness
 BS EN 12211: Wind Resistance
 BS EN 12206-1:2004: Polyester Powder Coating

Design Loadings

Snow: 640 N/m²
 Wind: 750 N/m²



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

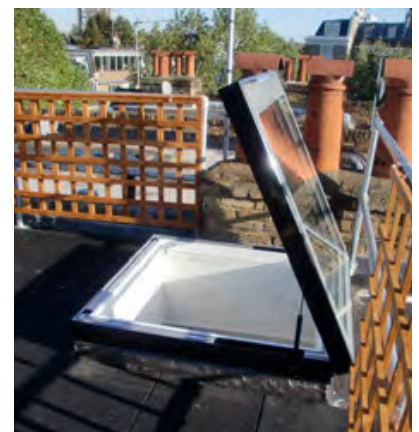
U-values: As low as 0.6 W/m²K

G-values: As low as 0.19

Light Transmission: Up to 78.5%

Bespoke Glass Options

- Solar Control
- Privacy Glass
- Body Tinted
- Acoustic Laminated
- 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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