

# Sliding Flatglass Rooflights

*A high-end, retractable rooflight that creates bright and airy spaces with daylight, natural ventilation and roof access*



## Key Features & Benefits

- 15 year warranty\*
- Daylight, natural ventilation and roof access solution
- Ideal for rooftop areas where high wind loadings are apparent
- Operated by fully-concealed 24v electric chain linked actuators
- Fully thermally-broken aluminium 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 roof 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

## Frame Specification

- The Sliding Flatglass rooflight frame is manufactured from extruded aluminium section to BS 1474, EN 12020-1:2001
- Polyamide thermal break within the glazing frame makes the frame fully thermally-broken and extremely thermally-efficient
- Polyester Powder Coated Aluminium to BS EN 12206-1:2004
- **RAL Colours:** Anthracite Grey (RAL 7016) frames on standard rooflights
- White (RAL 9010) and Black (RAL 9005) frames are also available as standard options
- 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. Kerb Thickness:** Dependent on glass specification
- Max. Size:** 1200mm x 2000mm
- Min. Size:** 600mm x 600mm
- Min. Pitch:** 3°
- Chain Stroke:** 600mm, 800mm or 1000mm

## 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



## 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

## 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%

## Rooflight Control

- Touchpoint switch as standard
- Remote control included
- Rain sensor options available



## Glass Specification

### Double Glazed - Standard:

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

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

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

### Double Glazed - Laminated Inner:

**Outer:** 8mm Clear Heat Soak Tested Toughened glass with Soft Low-E coating to cavity face

**Cavity:** 18mm Argon filled with Swisspacer warm edge spacer silicone bonded

**Inner:** 8.8mm Laminated glass with PVB interlayer and polished edges

## Bespoke Glass Options

- Solar Control
- Privacy Glass
- Body Tinted
- Acoustic Laminate
- Coloured Glass
- Easy-clean Coatings (Ritec)
- CUIIN Advanced Thermal Performance



## Design Loadings

**Snow:** 640 N/m<sup>2</sup>

**Wind:** 750 N/m<sup>2</sup>

**Product Weight:** From 51 kg/m<sup>2</sup>

## Get in touch for Technical and Estimating Advice:

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