



Signature Walk On

A safe, modern and attractive daylighting solution for roof terraces, enabling the enhancement of both outdoor and indoor living spaces

**Technical
Data
Sheet**
V.07-2021

Key Features & Benefits

- Fully thermally broken aluminium frame prevents cold bridging, reducing the risk of condensation
- Walk on glass designed to BS EN 1991-1-1 Loadings for Buildings
- Anti-slip glass coatings to provide safety in both wet and dry conditions
- Excellent thermal performance, with total system U Values as low as 0.4 W/m².K achievable
- Quick and easy to install. Cover cap for concealed fixings
- Compatible with both flat and pitched roofs, Flatglass rooflights are installed to a builder's kerb finished by roofing membrane

- Designed to be installed on all roof pitches and roof types
- Recommended minimum kerb pitch of 5° to help shed water
- Minimal framework: daylight is maximised while the visible framework is minimised
- More daylight = less artificial light = energy savings
- BIM Objects
- NBS/ SpecifyBy Specification documents
- Product CAD drawings
- Install guides
- More daylight leads to enhanced well-being
- Install and survey services

Frame Specification

- The Signature Walk On Flatglass rooflight frame is manufactured from extruded aluminium section to BS 1474, EN 12020-1:2001
- Polyamide thermal break to BS EN ISO 16396-2:2017 making 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) Matt
- White (RAL 9010) and Black (RAL 9005) Matt are also available as standard options
- Bespoke RAL colour options also available. Matt finish as standard

Glass Specification

Hermetically sealed Double Glazed – IGU (CWCT Class 0 Non-fragile):

Outer: At least three skins of Heat Soak Tested Toughened glass laminated together with either PVB or SGP interlayers

Cavity: 16mm Argon filled with Swisspacer warm edge spacer + silicone bonded for a fully UV resistant edge seal

Inner: Laminated or Heat Soak Tested Toughened Glass + Soft Coat Low-E for excellent thermal efficiency. For even better thermal efficiency, bespoke glass with ultra-low U Values is available to special order

Triple & Quadruple Glazed IGU's with hermetically sealed glass, and optional painted or sandblasted perimeter borders are available upon request.

Product Testing & Certification

- Non-fragility: CWCT Class 0
- AA Fire-rated: AA Designation (National Class) or Broof (T4) European Class and Euro Class A1 non-combustible
- Weather tested by BRE to CWCT Class A4 & Class R7
- Signature Flatglass Protect+ Rooflights Part Q compliant

Critical Kerb External Dimensions = Rooflight Order Size

Min. Kerb Height:

150mm (at the eaves end)

Min. Kerb Thickness:

87mm (including finishes) so frame is hidden from inside giving clean glass sight lines

Max. Size:

Dependent on glass specification

Min. Recommended Kerb Pitch:

5° to shed water

Bespoke Glass Options

- Privacy Glass
- Body Tinted
- Acoustic Laminate
- Coloured Glass
- Easy-Clean Coatings (Ritec)
- Triple Glazed
- Quadruple Glazed
- Integral Blind within cavity of glass IGU - zero maintenance
- Standard blind under glass or in lightwell
- Paint or Sandblast borders
- Low Iron Glass
- Artwork manifestations
- Company logo manifestations

British Standards Compliance

- BS EN 1991-1-1 Loading for Buildings
- BS 6375-1: 2015+A1:2016 Weathertightness
- BS EN 1026:2016 Air Permeability
- BS EN 1027: 2016 Watertightness
- BS EN 12211: 2016 Wind Resistance
- BS EN 12206-1:2004: Polyester Powder Coating
- BS EN ISO 16396-2:2017 Thermal Break
- BS 1474, EN 12020-1:2001 Extruded Aluminium Sections
- BS EN 14351-1: 2006 + A2: 2016 Window Performance
- BR443: 2019 Conventions for U Value Calculations

Rooflight Performance

- Building Regulations (E&W) Approved Document L compliant design to achieve low U Values
- U Values: As low as 0.4 W/m².K
- G-values: As low as 0.19
- Light Transmission: Up to 79.1%
- Thermal Modelling by WinIso

Design Loadings

Snow: 640 N/m²

Wind: 750 N/m²

1500 N/m² Uniformly Distributed Load & 2000 N Concentrated Load

Other loads to be specified by Client

Product Variations

- Single
- Multi-pane
- Square
- Rectangular
- Circular
- Elliptical
- Triangular
- Hexagonal
- Pentagonal
- Octagonal
- Totally bespoke shapes
- Wall abutment to up to three sides
- Flatglass Protect+ Doc Q compliant

Rooflight Cleaning & Maintenance

All our Signature Flatglass rooflights can be supplied with an Easyclean Coating, the Ritec ClearShield system provides an efficient solution to greatly reduce the need for cleaning.

'Non-stick', easy-clean rooflight protection provides:

- Reduced cleaning time, effort, and frequency
- Keeps rooflights looking like new, staying cleaner for significantly longer
- Resists glass staining and contamination from tree sap, bird droppings, traffic pollution and general dirt
- Helps to maintain Window Energy Ratings

Get in touch for Technical and Estimating Advice

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