



RG-80 Hinged Flatglass Single Pane Rooflight

Generated on 21.08.2019

Detailed description

A self-supported rooflight for applications in commercial and residential buildings.

Features:

- Building Regulations (E&W) Approved Document L compliant design to achieve low U-value targets.
- Non-fragility to ACR(M):001 Class B.
- Natural Ventilation in accordance with Building Regulations (E&W) Approved Document F.
- Designed to be installed to a weathered builders kerb, minimum 5° pitch.
- A PVC-U upstand is also available for standard size rooflights.
- Square and rectangular rooflights are available in one glass pane, to suit variable kerb sizes up to 3 m² total size.
- Double glazed units contained within a single frame to cater for a wide range of sizes.
- Concealed actuators give superior aesthetics.
- 10 year guarantee.

Designed to standard loadings of 640 N/m² (wind) and 750 N/m² (snow) and in accordance with the following British Standards:

- BS 6375-1: Weather tightness.
- BS EN 1026: Air permeability.
- BS EN 1027: Water tightness test.
- BS EN 12211: Wind resistance test.

Product guidance - As Standard

Frame:

Manufactured from extruded aluminium section to BS EN 12020-1.

Kerb:

Recommended 150 mm high, minimum 75 mm wide.

Thermal performance (U-Value):

Double glazed total product U value 1.4 W/m²K.

Options

Size:

-



Electric operation rooflights: 1700 x 1700 mm or 3 m² maximum kerb dimensions.

- Manual operation rooflights 1700 x 1700 mm or 3 m² maximum kerb dimensions.
- Access hatch Rooflights 1500 x 1500 mm or 2.25 m² maximum kerb dimensions.

Glazing:

A wide range of glazing options are available, please consult Roofglaze for exact details.

- Standard specification (length should not be greater than Span x 3):

- Outer 6 mm toughened clear glass with sandblasted border.
- 16 mm cavity, argon filled, silicone bonded.
- Inner 6.8 mm laminated clear glass with soft coat low E coating (low E not required with Solar Control).

- Toughened/ Toughened specification:

- Outer 4 or 6 mm toughened clear glass with sandblasted border.
- 16 mm cavity, argon filled, silicone bonded.
- Inner 4 or 6 mm toughened clear glass with soft coat low E coating (low E not required with Solar Control).

Additional requirements:

- Body tint anti-sun: Pilkington Optifloat range.
- Self Cleaning / Easy Clean coating.
- Solar control: SGG COOL-LITE SKN solar control range.

Accessories:

Access hatch operation with gas spring assist, handle and locks.

- Operation:

- Electric operation: Two actuators with synchronisation box are required where the length is greater than 1.5 m, otherwise one actuator is required.
- Manual operation: Two spindles with link rod required where the length is greater than 1.2 m, otherwise one spindle is required.

Product specification

Manufacturer

- Name: Roofglaze Ltd
- Web: www.roofglaze.co.uk
- Email: estimating@roofglaze.co.uk

Roofglaze Ltd



- Tel: +44 (0)1480 474 797
- Fax: +44 (0)1480 474 774
- Address: 11 Howard Road, Eaton Socon, St Neots, Cambridgeshire PE19 8ET

Product reference RG-80 Hinged Flatglass Single Pane

Type Hexagonal
Rectangular
Square
Trapezoidal
Triangular

Size []

Frame finish Polyester powder coated RAL - Insert colour requirements, any RAL colour available. Standard colours are Grey RAL 7015, White RAL 9910, Black RAL 9005.

Glazing

- Outer pane 4 mm toughened clear glass - With sandblasted border.
6 mm toughened clear glass - With sandblasted border.

- Cavity 16 mm argon filled, silicone bonded
20 mm argon filled, silicone bonded

- Inner pane 4 mm toughened clear glass
6 mm toughened clear glass
6.8 mm laminated clear glass

Soft coat low E coating Not required - If specifying Solar control additional requirement.
Required

- Additional requirements None
Body tint anti-sun
Self Cleaning / Easy Clean coating
Solar control

Upstand Not required
Splayed
Vertical

Accessories [230 V AC actuator to electric hinged] - For hinged



rooflight.

[24 V DC actuator to electric hinged] - For hinged rooflight.

[24 V DC actuator to electric hinged] - For hinged rooflight.

[Access hatch operation with gas spring assist, handle and locks]

[Cockspur locking handle and gas spring] - For access hatch.

[Wormgear spindle and pole] - For manual hinged.