Roofing Superstore

Modern and precisely engineered, Roofing Superstore's Flat Glass Rooflight is the ideal affordable solution for any project.

Technical Data

Thermal transmittance – Rooflight :

Rooflight with glazing insulating laminated glass:

- U_g = 1.1
- U_w = 1.26 W/m²K

Thermal Transmittance – Upstand:

Splayed uPVC upstand with PUR insulation:

- U_p = 0.88 W/m²K

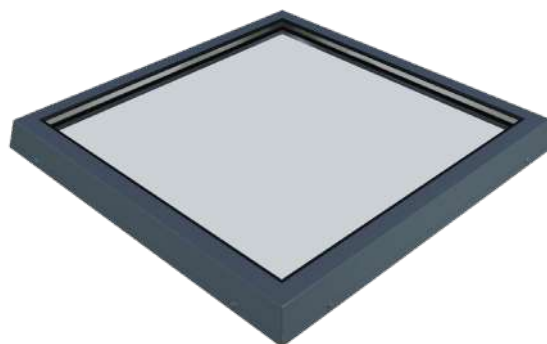Vertical uPVC upstand with PUR insulation:

- U_p = 0.92 W/m²K

Acoustic Performance: R_w = 31 (-1; -1) dB

Light Transmittance: 76%

Glazing:

- Double-glazed only
- 6mm Clear toughened outer
- 16mm Argon filled warm edge spacer silicone bonded
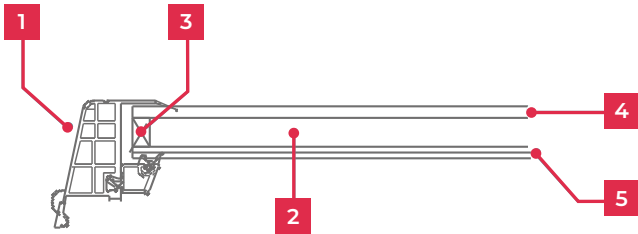- 8.8mm laminated inner pane with PVB interlayer

Frame: Rooflight frame is manufactured from extruded PVC profile with combination of insulating internal chambers and PUR insulation makes it fully thermally-broken and extremely thermally-efficient.

Features & Benefits

- Can be installed to a builder's upstand or proprietary uPVC upstand

- 14 sizes available from stock with next-day delivery on most sizes

- Combined unit U-Value 1.26W/m²K

- All sizes Non-fragile CWCT tested to Class 1 or 2 depending on size

- For use with a range of ventilation options – manual, electric and fixed

- Should be installed at an angle between 5° and 25° (we recommend minimum 10° angle to minimise water retention to edges)

- Available in Anthracite Grey (RAL 7016) or Standard White (RAL 9010)

Roofing Superstore

Product Diagram

1	Frame	PVC
2	Gas	Argon
3	Warm spacer	✓
4	Toughened outerpane	✓
5	Laminated innerpane	✓
	Install pitch (upstand)	5–25
	External framecolour	RAL 7016 anthracite grey RAL 9010 white
	U-Value	1.26W/m²K

Testing & Certification

Requirement	Result	Classification
Air Permeability	Class 2	EN 1873
Water Tightness	Pass (without penetration of water)	EN 1873
Up-effect Loading	UL 3000	EN 1873
Down-effect Loading	DL 2500	EN 1873
Impact Resistance	CWCT Class 1 (or 2 dependant on size up to R19	–
Fire Class	Class B – s2, d0	EN 1873

Guarantee

Roofing Superstore's product factories guarantee quality systems implementation process and environmental management systems.

Rooflight Performance

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

- **U-Values:** As low as 1.26 W/m²K
- **G-Values:** As low as 0.60
- **Light Transmission:** Up to 76%

Roof Pitch

Can be installed in roof up to 25° pitch

Options & Accessories

Standard comfort controls:

- For electric opening
- Option of retractive switch or comfort kit including a control panel, remote control and rain sensor

Premium comfort controls:

- For electric opening
- Wireless controls which include open/close manual switch and internal and external temperature
- Wireless weather station which includes wind and rain sensor
- Option of handheld remote

Product Variations

Ventilation options:

- Available as standard fixed unit
- Electrically opening units operated by 230v slimline chain actuator, white powder coated fitted within rooflight aperture
- Power requirements (amps): 230 VAC / 25 W
- Stroke length(mm): 200mm
- Motor cable 6 core 2.5m's length as standard
- Cable requirements: 4 core minimum (6 core if communication wires to be used for 2 tandem motors on same unit)
- Manually opening units incorporate winding spindle opening to approximately 200mm

Roofing Superstore

Cleaning & Maintenance

Any maintenance of rooflights must of course be carried out strictly in accordance with the relevant 'Health and Safety' regulations.

Glazing: Roofing Superstore rooflights are 'Non-Fragile' but should not be trafficked. Wash and rinse glazing at intervals, to be determined by the owner. Use a solution of 5% mild soap of detergent cleaning solution sprayed on to wash the glazing surface. Follow immediately with clean water and promptly remove excess rinse water with a clean squeegee. DO NOT use abrasive cloth, sponges, cleaner or solvent acid-based solution on the glazing. Should stronger cleaning compounds be needed to remove stubborn stains, consult Roofing Superstore for recommendations.

uPVC Curb: The curb is made of shock resistant PVC which does not need any additional finish. The curbs are equipped with a self-adhesive protection film on the inside, which must be removed at first use. When cleaning the curb, only use non-abrasive and neutral cleaning products, you will keep the smooth inner aspect.

Electric motors: Must be installed by qualified electrician. Test annually by an Approved Electrical Installations Testing Company. Physically check fixing brackets to ensure fixings are secure.

Note

We reserve the right to make technical changes. For more information on Flat Glass Rooflights and other Roofing Superstore products, visit roofingsuperstore.co.uk

Roofing Superstore

Size Chart

	Size ref	To suit external upstand size (mm)	To suit roof opening size (mm)
Square	RX S2	600 x 600	500 x 500
	RX S4	700 x 700	600 x 600
	RX S5	800 x 800	700 x 700
	RX S7	900 x 900	800 x 800
	RX S8	1000 x 1000	900 x 900
	RX S9	1100 x 1100	1000 x 1000
	RX S11	1300 x 1300	1200 x 1200
Rectangular	RX R5	700 x 1000	600 x 900
	RX R6	700 x 1300	600 x 1200
	RX R7	800 x 1100	700 x 1000
	RX R16	1000 x 1300	900 x 1200
	RX R17a	1100 x 1600	1000 x 1500
	RX R19	1100 x 2100	1000 x 2000
	RX R23c	1300 x 2300	1200 x 2200