

GLAZING VISION

Sliding Over Roof Rooflight

602-TDS-UK-001 – v1.0 – 18 Oct 2019



Name: GV Standard Sliding Over Roof

Type: Sliding rooflight for access or ventilation

Description:

The Sliding Over Roof is a thermally efficient opening product designed to allow access from a stairwell to a roof terrace or similar. The product is available in either left or right hand opening formats – the entire glazed unit slides to one side over the roof to leave an uninterrupted opening. Glazing Vision highly recommends that for safety reasons a balustrade is installed (by others) around the Sliding Over Roof if it is to be used for access.

A variety of optional extras including a rain sensor, thermostat, remote control, Building Management System connectivity and built in proximity detectors are available. A solenoid security bolt is fitted as standard ensuring that the product remains secure in all situations.

This product is robust and long-lasting, boasting excellent thermal performance, air tightness and reliable operation.

Intended Use: Sliding rooflight to provide natural daylight, day-to-day ventilation and weather resistance. Also can be used for access - not recommended without an additional balustrade (by others) around the rooflight.

External Weathered Upstand Dimensions:	Min Span:	1300 mm	Max Span:	3100 mm
	Min Width:	750 mm	Max Width:	3690 mm
	Min Area:	0.97 m ²	Max Area:	4.80 m ²
	Min Upstand Pitch:	3°	Max Upstand Pitch:	45°

Note that the minimum and maximum span, width and pitch are dependent on various factors, your technical sales advisor will be happy to advise on these. Further information on upstand requirements and product dimensions can be found on our website or by contacting your technical sales advisor.

Glazing: A wide variety of glazing specifications are available for this product. Your technical sales advisor will be happy to answer any questions regarding specific glass specifications or glazing performance requirements. Otherwise, quotes include suitable and cost effective glazing proposals.

Standard Colours: Qualicoat approved RAL 7015 slate grey outer, RAL 9010 pure white inner.

Control, Power and Drive: The product is operated using a supplied wall mounted switch connected to a control box mounted inside the product framework via a flying lead.

The product's power requirements are fulfilled by direct mains power with a trickle charged backup battery pack mounted within the frame.

The unit is driven by a centrally driven pair of unobtrusive rack and pinion drives mounted at the top and bottom of the fall of the product. In the event of power failure, the product will continue to run on battery operation for a period of 60 minutes and can also be manually overridden.

Performance and Weathertightness:

The product comprises thermally broken aluminium sections consisting of polyamide thermal breaks and closed cell PIR insulation thermally isolating the inner and outer frame sections. Structural integrity is assured through the use of finite element analysis (FEA) and testing.

U-values are calculated for each product and will be supplied in our quote. Further information and specific performance details can be obtained from your technical sales advisor.

The product is sealed to the upstand using polybutyl and/or silicone and fixed in place with structural fixings which are concealed by a clip-on cover leaving a sleek external finish. Sealing between the base frame and the lid frame is achieved using a combination of rubber seals with PTFE sliding surfaces and PU seals with PE sliding surfaces.

The product has been thoroughly tested.

Security and Certification:

This product is designed with security as a priority. The product is fitted with an anti-lifting device to prevent disengagement of the drive mechanism. The mechanisms cannot be back driven and cannot be tampered with from the outside.

This product is tested to LPS2081 Issue 1:2015. It is approved by the Loss Prevention Certification Board (Cert/LPCB ref: 1347a) and Secured by Design:

Secure (Security Rating A)

The inner pane must be at least 8.8 mm PVB laminated glass (two 4 mm thick panes separated by an 0.8 mm thick PVB interlayer).

Optional Extras:

The following optional extras are available for this standard product at additional cost:

Easy Clean Coating:	A coating applied to the external face of the glass that facilitates water run-off. Helps the glass stay cleaner for longer and makes cleaning easier.
Special Colour(s):	This product has separate inner and outer colours as standard. Each can be swapped for a special colour.
Remote Control:	Allows the product to be opened and closed from a short range.
Rain Sensor:	Automatically closes the product when moisture is detected.
Rain Sensor Override:	Either an internally mounted wall switch or an externally mounted key switch that allows the rain sensor to be turned off so that it does not automatically close the product when moisture is detected.
Thermostat:	Automatically operates the product to regulate the temperature within the building.
Keypad or Key Switch:	Offers secure access either via an externally mounted four-digit numerical pass code keypad or a key switch.
Proximity Detection:	Sensors that immediately stop the product moving when an infrared light beam is broken.
BMS Connectivity:	Allows the product to be operated by contact closure of a third-party Building Management System.
Upstand Top Trim:	Cover designed to mask the top of upstands which may be visible through glass when viewed from above. Includes detail to recess standard plasterboard.

A suite of sales drawings is available.

Bespoke options may be available upon request but may incur additional design fees – contact your technical sales advisor for more information.

GLAZINGVISION

www.glazingvision.co.uk



+44 (0)1379 658300



technicalsales@glazingvision.co.uk