

Left Hand Exit

Right Hand Exit

Technical Data Sheet

Sliding Over Roof Rooflight

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Name: Sliding Over Roof

Type: Electrically operated sliding rooflight

Description:

The Sliding Over Roof is a thermally efficient opening product designed to provide ventilation and maintenance access. The product is available in either left- or right-hand opening formats - the entire section of glazing retracts onto the roof space to leave an uninterrupted opening.

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, weather resistance and maintenance access. It can also be used for access subject to the installation of suitable balustrading (by others) that meets the requirements of your local building control officers.

External Weathered Upstand Dimensions:

Min Span:	1100 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:	30°

Glazing Vision recommends a pitch of at least 5°.

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.

Also supplied is an externally housed Power Supply Unit requiring connection to the main power supply. It is recommended that this is housed somewhere accessible.

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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 and, in the event of power failure, 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 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 Isolator:	An internally mounted wall 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 the light sensor beam is broken.
Battery Backup:	Allows full operation of the product for a limited period in the event of a power failure.
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.

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