



Technical Data Sheet

GLAZING

VISION

Sliding Over Fixed

SOF-TDS-v3.9-24.09.2018

Name:	GV Standard Sliding Over Fixed
Code:	603
Type:	Sliding rooflight
Description:	Single section of glazing sliding on rails over a fixed section of glazing.
BIM:	https://www.nationalbimlibrary.com/glazing-vision-ltd/sliding-over-fixed-rooflight

Features:

No visible kerb fixings through the use of extruded external clip on cover.

Excellent overall thermal performance from polyester powder coated aluminium extrusions integrated with 39mm polyamide thermal breaks, concealed closed cell PIR insulation and options for double or triple glazing as standard. Excellent air tightness achieved with unique dual sliding seal system.

Structural integrity assured through the use of finite element analysis (FEA) and testing.

Advanced electronic control system installed, offering low opening currents and a dedicated building management system (BMS) input.

Reliable operation through concealed twin drive mechanism with one way clutch and solenoid security feature as standard. Drive mechanism powered by two 12V batteries (24V) ensuring that the rooflight can be closed in the event of mains power failure. Batteries are trickle charged by the control board charging circuit. The control board requires a permanent connection to a 240V mains supply to ensure the batteries remain charged. In the event of prolonged loss of mains power leading to flat batteries the unit can be manually closed and internal mechanical override can be used to open the unit.

Large diameter carriage wheels and hard anodised tracks create a smooth operation. Side thrust carriages allow installation at pitches between 3° and 45° as standard.

Kerb Dimensions (solo):	Min Kerb Thickness:	see 603-ASS-402	Min Kerb Height:	150mm
	Min Span:	1300mm	Max Span:	3100mm
	Min Width:	1500mm	Max Width:	5000mm
	Min Pitch:	3°	Max Pitch:	45°

NOTE: MAXIMUM SPAN/WIDTH VARIES DEPENDANT ON THE OTHER. PLEASE CHECK WITH GLAZING VISION PRIOR TO ORDERING.

Example Glass Specification: Double glazed

Outer: 6mm HST Clear toughened.
 Spacer: 16mm Black warm edge silicone-sealed argon-filled cavity.
 Inner: 9.5mm Clear soft low E heat strengthened laminated.

OTHER GLASS SPECIFICATIONS ARE AVAILABLE



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Use for Access:	Not recommended without additional balustrade around rooflight (by others).
Standard Colour:	Qualicoat approved RAL 7015 slate grey outer, RAL9010 pure white inner.
Rooflight Control:	Glazing Vision control board and magnetic limit switches.
Power Supply:	24V Battery operated, 240V mains supply required for trickle charging batteries via control board.
Drive Mechanism:	Twin drive rack and pinion drive with solenoid security one way clutch as standard.
Thermally Broken:	39mm Polyamide thermal breaks on base, 30mm on lid. Concealed closed cell PIR insulation.
Security:	Tested to LPS2081 Issue 1:2015. Approved by the Loss Prevention Certification Board (Cert/ LPCB ref: 1347a) Approved Secured by Design.

CAD Drawings:	Drawing Number	Description
	603-ASS-400	Product overview
	603-ASS-401	Rain sensor and keypad positions
	603-ASS-402	Kerb detail
	603-ASS-403	Section through width
	603-ASS-404	Section through span
	603-ASS-405	Detail views Band C
	603-ASS-406	Detail view D
	603-ASS-407	Section through width (double glazed)
	603-ASS-408	Section through span (double glazed)
603-ASS-409	Detailed views B and C (double glazed)	
603-ASS-410	Detailed view D (double glazed)	

Optional Extras:	Remote Control:	Yes	RITEC Coating:	Yes
	Rain Sensor:	Yes	Dual Colour:	Standard
	Solenoid Bolt:	Standard	Special Colour:	Yes
	Thermostat:	Yes	Proximity Detection:	Yes
	BMS Integration:	Yes	Downlighter:	NA
	Trickle Vents:	NA	Multi-Part:	No
	Wall Abutted:	No	External mounted Key Switch:	Yes

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