



Technical Data Sheet

GLAZING VISION

Flushglaze Fire Rated

FG-FR-TDS-v1.4-31.08.2018

Name: Flushglaze (Fire Rated)

Code: 402

Type: Fixed Rooflight

Description:

A fixed glazing system comprising painted aluminium extrusion and double glazed fire rated unit. Designed to be installed between 3° and 70° from horizontal. Available in single part format. Flushglaze rooflights are designed to provide maximum daylight with minimal visible internal structure.

Features:

No visible fixings. Achieved using a Glazing Vision design clip-on detail which covers over structural fixings to leave a completely flush external finish. External insulated clip-on flashing on wall abutment detail to improve thermal performance and reduce risk of condensation forming internally.

Increased strength for bonded frames through additional and improved cleating. New and improved product support data including; sales drawings, schedule and manufacturing information.

New kerb cover extrusion to mask the structure of the kerb top from external visibility. This is an optional extra.

Kerb Dimensions:	Min Kerb Thickness:	75mm	Min Kerb Height:	150mm
	Min Span:	450mm	Max Span:	1500mm
	Min Width:	450mm	Max Width:	1500mm
	Min Pitch:	3° (rec. 5°)	Max Pitch:	70°
	Max Kerb Area	=	2.25m ²	

NOTE: MAXIMUM SPAN/WIDTH VARIES DEPENDANT ON THE OTHER. CHECK WITH SALES TEAM TO CONFIRM SIZES.



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Standard Glass Specification: Outer: 6mm Clear Soft Low E Toughened
Spacer: 20mm Black Silicone Sealed Argon Filled Cavity with Steel spacer bar.
Inner: 19mm Pyrobel Laminate.

Fire rating for standard glass specification: 30mins integrity – 30mins insulation. Tested by Building Research Establishment (BRE) Watford (13/11/2007) and approved by International Fire Consultants.
BRE Test report number 239658. Field of application report number IFCA/08008 Centre pane U-Value for standard glass specification: 1.1 W/m²K

Properties for standard glass specification:

Centre pane U-value = 1.1W/m²K
Light Transmittance = 62.0%
Light Reflectance = 11.0%

Shading Coefficient = 0.46
Mass 62 Kg/m²

Standard Colour: RAL 7015 Slate grey

Rooflight Control: N/A

Power Supply: N/A

Drive Mechanism: N/A

Thermal Performance (U-Value): Overall U-Value = 1.387 Wm²K (1200mm x 1200mm Overall Kerb Dimension)

Seals: Combination of fire rated silicone, ceramic fire rated tape and ceramic wool fire rated insulation.

Security: Secured to kerb with structural fixings, ceramic fire rated tape and fire rated silicone.

Use for Access: N/A



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CAD Drawings:

Drawing Number

Description

402-ASS-023

Fire Rated detail

Optional Extras:

Remote Control:	N/A	RITEC Coating:	Yes
Rain Sensor:	N/A	Dual Colour:	No
Solenoid Bolt:	N/A	Special Colour:	Yes
Thermostat:	N/A	Downlighter:	No
BMS Integration:	N/A	Multi-Part:	No
Trickle Vents:	No	Multi-Part with Glass Fins:	No
Wall Abutted:	No		
Round:	Yes (But external fixings will be visible)		



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