



# Technical Data Sheet

# GLAZING VISION

## Ridgeglaze

FG-RG-TDS-v1.3-31.08.2018

Name: Flushglaze (Ridgeglaze)

Code: 402

Type: Fixed Rooflight

### Description:

A fixed glazing system comprising painted aluminium extrusion and double glazed unit. Designed for installation along the ridge of a roof. Can be installed on a ridge with between 3° and 50° from horizontal. 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.

Kerb top trim extrusion available 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:	500mm	Max Span:	3000mm
	Min Width:	400mm	Max Width:	2000mm
	Min Pitch:	10°	Max Pitch:	50°
	Max Kerb Area per side = 5.2m <sup>2</sup> (3.25m <sup>2</sup> when laminated inner)			

NOTE: MAXIMUM WIDTH/SPAN ARE INTERDEPENDENT. CHECK WITH SALES TEAM TO CONFIRM SIZES.

Example Glass Specification: Outer: 6mm Clear heat soak tested toughened.  
Spacer: 16mm Black silicone-sealed argon-filled cavity with warm edge spacer  
Inner: 6mm Clear heat soak tested soft low E toughened.

Thermal Performance (U-Value): Overall Ud-Value = 1.38 Wm<sup>2</sup>K (Based on 1200 Width x 1200 Span 1 x 1200 Span 2 dimensions with above example glass specification)

Thermally Broken: NO – however the low profile of extrusion combined with a EPDM bubble-gasket offers an exceptional thermal performance



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Standard Colour:	RAL 7015 Slate grey
Rooflight Control:	N/A
Power Supply:	N/A
Drive Mechanism:	N/A
Seals:	Combination of silicone, polybutyl and rubber seals.
Security:	Secured to kerb with structural fixings and polybutyl adhesive.
Use for Access:	N/A

CAD Drawings:	Drawing Number	Description
	402-ASS-001	Flushglaze typical kerb detail
	402-ASS-022	Double glaze ridge 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	Round:	No
	BMS Integration:	N/A	Downlighter:	No
	Trickle Vents:	Yes (bespoke)	Multi-Part:	Yes (bespoke)
	Wall Abutted:	Yes (bespoke)	Multi-Part with Glass Fins:	No

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