



Name:	Flushglaze (Triple Glazed)						
Code:	402						
Type:	Fixed Rooflight						
Description:	<p>A fixed glazing system comprising painted aluminium extrusion and triple glazed unit. Designed to be installed between 3° and 70° from horizontal. Available in either single or multipart format, the latter consisting of multiple sections of glazing.</p> <p>Flushglaze rooflights are designed to provide maximum daylight with minimal visible internal structure.</p>						
NEW Features:	<p>No visible fixings. Achieved using a Glazing Vision design clip-on detail which covers over structural fixings to leave a completely flush external finish.</p> <p>External insulated clip-on flashing on wall abutment detail to improve thermal performance and reduce risk of condensation forming internally.</p> <p>Increased strength for bonded frames through additional and improved cleating.</p> <p>New and improved product support data including; sales drawings, schedule and manufacturing information.</p> <p>New kerb cover extrusion to mask the structure of the kerb top from external visibility. This is an optional extra.</p>						
Standard Glass Specification:	<p>Outer: 6mm Clear Toughened Outer Spacer: 12mm Black Silicone Sealed Argon filled cavity with warm edge spacer Centre: 6mm Clear Soft Coat Low E Toughened Inner Spacer: 16mm Black Silicone Sealed Argon filled cavity. Inner: 6mm Clear Soft Coat Low E Toughened.</p> <p>Properties for standard glass specification:</p> <table><tr><td>Centre pane U-value = 0.77 W/m²K</td><td>Shading Coefficient = 0.62</td></tr><tr><td>Light Transmittance = 68%</td><td>Mass = 45 Kg/m²</td></tr><tr><td>Light Reflectance = 17.0%</td><td></td></tr></table>	Centre pane U-value = 0.77 W/m ² K	Shading Coefficient = 0.62	Light Transmittance = 68%	Mass = 45 Kg/m ²	Light Reflectance = 17.0%	
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Standard Colour:	RAL 7015 Grey						

Roolight Control: N/A
Power Supply: N/A
Drive Mechanism: N/A
Thermally Broken: Only on wall abutment detail.
Thermal Performance (U-Value): Overall U-Value = 1.003 Wm²K (1200mm x 1200mm Overall Kerb Dimension)
Seals: Combination of Silicone, Poly-Butyl and Rubber seals.
Security: Secured to kerb with structural fixings and poly-butyl adhesive.

Kerb Dimensions:
 Min Height = 150mm
 Min Thickness = 75mm
 Min Span = 450mm
 Min Width = 450mm
 Min Pitch = 3° (Recommended = 5°)

Max Span = 4200mm
 Max Width = 4200*mm
 Max Pitch = 70°
 Max Kerb Area = 5.2m² *
 (3.25m² * when laminated inner)

**For multipart, this is per section*

NOTE: MAXIMUM SPAN/WIDTH VARIES DEPENDANT ON THE OTHER.
 ALWAYS USE THE SCHEDULE TO CONFIRM SIZES.

Use for Access: N/A

Sales Drawings:	<u>Drawing Number</u>	<u>Description</u>
	402-ASS-024	Triple Glazed Flushglaze typical detail
	402-ASS-031	Multi-Part Triple Glazed Flushglaze with Glass Fin across fall (K – K)
	402-ASS-032	Multi-Part Triple Glazed Flushglaze with Glass Fin 3 - 5° (K – K)
	402-ASS-033	Multi-Part Triple Glazed Flushglaze with Glass Fin over 5° (K – K)
	402-ASS-034	Multi-Part Triple Glazed Flushglaze with Glass Fin across fall (W – K)
	402-ASS-035	Multi-Part Triple Glazed Flushglaze with Glass Fin 3 - 5° (W – K)
	402-ASS-037	Triple Glazed Flushglaze with silicone joint
	402-ASS-038	Triple Glazed Flushglaze with back-to-back angles
	402-ASS-039	Triple Glazed Flushglaze with wall abutment

Optional Extras

Remote Control:	N/A		
Rain Sensor:	N/A	Rain Sensor Overrides:	
		Internal mounted Isolator Switch:	N/A
		Frame mounted Push Button:	N/A
		External mounted Key Switch:	N/A
		External mounted Digital Keypad:	N/A
Solenoid Bolt:	N/A	Dual Colour:	YES
Thermostat:	N/A	Special Colour:	YES
BMS Integration:	N/A	Ritec Coating:	YES
Trickle Vents:	NO (Bespoke)	Downlighter:	NO
Wall Abutted:	YES	Multi-Part	YES
Round:	YES (But external fixings will be visible)	Multi-Part with Glass Fins	YES