Name: Flushglaze (Double Glazed)
Code: 402
Type: Fixed Rooflight
Description: A fixed glazing system comprising painted aluminium extrusion and double glazed unit. Designed to be installed at between 3º and 70º from horizontal. Available in either single or multipart format, the latter consisting of multiple sections of glazing. Flushglaze rooflights are designed to provide maximum daylight with minimal visible internal structure.
NEW 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.
Standard Glass Specification:
Outer: 6mm Clear Toughened.
Spacer: 16mm Black Silicone Sealed Argon filled cavity with warm edge spacer
Inner: 6mm Clear Soft Low E Toughened.
Properties for standard glass specification:
Centre pane U-value = 1.1W/m²K
Light Transmittance = 77.0%
Light Reflectance = 11.3%
Shading Coefficient = 0.71
Sound Insulation (Rw) = 31dB
Mass 30 Kg/m²
Standard Colour: RAL 7015 Grey
Rooflight Control: N/A
PRODUCT DATA SHEET

Power Supply: N/A
Drive Mechanism: N/A
Thermally Broken: Only on wall abutment detail.
Thermal Performance (U-Value):
Overall U-Value = 1.387 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°
Max Span = 4000mm
Max Width = 4000mm
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: 

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<th>Drawing Number</th>
<th>Description</th>
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<td>Standard Flushglaze Cross Section</td>
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<td>402-ASS-004</td>
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<td>402-ASS-013</td>
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<tr>
<td>402-ASS-047</td>
<td>Boat Installation Typical Kerb Detail</td>
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</table>

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
Round: YES (But external fixings will be visible)
Multi-Part with Glass Fins: YES