



- Thermal Performance:

Double glazed total product U-value = 1.5 W/m².K but as low as 0.7 W/m².K to special order
Triple glazed total product U-value = 1.1 W/m².K but as low as 0.5 W/m².K to special order
Area weighted U-values based upon a typical 1m x 2m unit

- Service:

Roofglaze Rooflights can also provide a design and specification service and it is recommended that they are consulted early in the design process.

Roofglaze Rooflights would always recommend that a Flatglass unit should be installed to a minimum pitch of 5°, up to 2.0m span (down slope) and at a min. 10° over 2.0m span. This is to help facilitate water run-off thus reducing water ponding and to help alleviate the build-up of silt deposits. This is also required so that the unit drains properly.

Fixed Flatglass Protect +

Type 1

- Manufacturer: Roofglaze Rooflights Ltd
 - Web: www.roofglaze.co.uk
 - Tel: +44 (0)1480 474797
 - Product reference: Fixed Flatglass Protect+
- Type: Rectangular Square
 - Size: (Max. size 1.2m x 3.0m) As drawing:
- Frame finish: Standard Marine Grade Polyester Powder Coated RAL: Colour T.B.C.
- Glazing:
 - Outer pane: 6mm 8mm 10mm heat soak tested toughened glass with a sandblasted border
 - Cavity: 18mm 16mm 14mm 90% argon filled, silicone bonded + warm edge spacer
 - Inner pane: 8.8mm 9.5mm 10.8mm annealed laminated glass heat strengthened laminated
 - Soft coat Low-E coating: Always required to meet or exceed AD Part L target u-values
 - Additional requirements / options: Detailed site survey recommended prior to manufacture.
Min. 150mm high x 75mm thick structurally sound kerb not by Roofglaze.
Flashing of kerb, not by Roofglaze.
Rooflight to comprise 1 No. pane of glass.
High performance solar control options.
Obscure glazing available, sandblast all over, coloured PVB interlayer or satin glass.
Body tint glass grey, blue, bronze or green.
Ritec ClearShield easy clean coating.
Acoustic laminated glass.
Coloured laminated glass.
Improved U-values with super Low-E coating.
Low iron glass.
Heat strengthened laminate.
Clutch head tamper-proof fixing screws.
Wall abutment to head verge head & verge head & both verges.
One raked edge Multiple raked edges.



More about Fixed Flatglass Protect+:

- A self-supported rooflight for applications in commercial and residential buildings.
- Building Regulations (E&W) Approved Document L compliant design to achieve low U-value targets.
- Silicone jointed glazing for a flush outer surface.
- Building Regulations (E&W) Approved Document Q compliant with third party accreditation to Certisecure STS202 level BR2 by Warrington Fire and Exova, report available upon request.
- Product is enrolled in and approved by the Police Security Initiative, Secured by Design.
- Designed to be installed to a weathered builder's kerb, minimum 5° pitch.
- Non-fragile to ACR[M]:001 Class B and with laminated glass CWCT TN92 Class 2.
- Designed to standard loadings of 640 N/m² (wind) and 750 N/m² (snow) and in accordance with the following British Standards:
 - BS 6375-1: Weather tightness.
 - BS EN 1026: Air permeability.
 - BS EN 1027: Water tightness test.
 - BS EN 12211: Wind resistance test.
 - BS EN 12206-1:2004 Polyester Powder Coated aluminium.
- Third party Air Permeability and Weather testing carried out at the BRE, report available upon request.
- Fully thermally broken glazing frame giving superior protection against heat loss and condensation.
- AA fire rated: AA designation (National Class) designation or Broof(t4) (European class).
- Aluminium frame weight = 3.22 kg/m.
- **15 Year warranty.**