



Duraglaze Upvc System

PRELIMINARY INFORMATION / REQUIREMENTS

Site dimensions must be taken and agreed to prior to the commencement of fabrication of the Duraglaze Upvc frames. All information should be read in conjunction with the approved drawings, specs and quotation.

UPVC GLASS ROOFLIGHTS:

- A self-supported system, for applications in commercial or residential buildings.
- The system is installed to a builder's kerb, finished by roofing membrane. Recommended minimum pitch is 5° to help shed water but can be installed flat.
- Double or triple glazed with hermetically sealed glass.
- Frames are manufactured from extruded Upvc in options of white and anthracite grey
- Epdm gasket seals
- Full Upvc frame construction giving excellent thermal performance and prevention of cold bridging

PRODUCT:

- Type: Fixed Solaglaze Upvc

Frame: Extruded Upvc

Kerb: Recommended 150mm high, minimum 60mm wide excluding finishes but designed by others.

Manufacturer:

Direct Rooflights Limited
Quantip House
Bedlington
Northumberland
NE22 7DQ

Tel: 01670 821166

Email: info@directrooflights.co.uk

Dirt Resistant coatings - Self Cleaning Coating – requires 10° kerb pitch or greater

Solar Control Options - SGG COOL-LITE SKN solar control range or similar approved

Body Tint Anti-sun - Pilkington Optifloat range or similar approved

Thermal Performance:

Double glazed total product U value = 1.4 W/m².K

Triple glazed total product U value = 1.2 W/m².K

Service:

Direct Rooflights would recommend that a Duraglaze unit should be installed to a minimum pitch of 5° This is to help facilitate water run-off thus reducing water ponding and to help alleviate the build-up of silt deposits.



Duraglaze Single Pane Rooflight

- Manufacturer: Direct Rooflights
 - Web: www.directrooflights.co.uk
 - Tel: +44 (1670 821 166)
 - Product reference: Duraglaze Fixed Rooflight
- Type: Rectangular or Square
 - Size: To Suit Overall Upstand Sizes as Below
 - 600 x 600
 - 750 x 750
 - 900 x 900
 - 1000 x 1000
 - 1200 x 1200
 - 600 x 900
 - 600 x 1200
 - 900 x 1200

(for sizes outside of the above and multi panel rooflights the Duraglaze aluminium system should be utilised – Please refer to individual data sheet)
- Frame finish: Self Finish White or Anthracite Grey Upvc
- Glazing:
 - Outer pane: 4mm, 6mm, 8mm toughened clear glass with Optional sand blasted or Black border
 - Cavity: 16mm argon filled, silicone bonded + warm edge spacer
 - Inner pane: 6.4mm, 8.8mm, 9.5mm laminated clear glass
 - Soft coat low E coating: Required
 - Additional requirements / options: Detailed site survey required prior to manufacture.
Rooflight to comprise 1 No. pane of glass.
High performance solar control options; seek advice.
Obscure glazing available, sandblast all over, coloured PVB interlayer or satin glass.
Body tint glass grey, blue or green.
Ritec Clearshield Easyclean coating.
Active self-cleaning glass if rooflight is installed at a greater pitch than 10°.
Wall abutment.
Triple glazed.



More about Duraglaze Fixed Rooflight:

- 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.
- Excellent protection against thermal bridging due to full Upvc frame construction
- Silicone jointed glazing for a flush outer surface.
- Designed to be installed to a weathered builder's kerb or fabricated kerb construction, minimum 5° pitch.
- laminated glass CWCT TN67 class 2 options available.
- Double or triple glazed units can be contained within a single frame to cater for a wide range of sizes.
- Elliptical and irregular shaped rooflights are also available (Duralaze aluminium system)
- 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.
- Frame weight = 2.5 kg/m per Lm

