

Sterlingbuild Ltd

Tel: 01304 219922

To be read with Preliminaries / General Conditions.

PRELIMINARY INFORMATION / REQUIREMENTS

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

COMPONENTS

ALUMINIUM 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 5-8° to help shed water but can be installed flat. The maximum recommended pitch is 35°.
- Double or triple glazed with hermetically sealed glass, finished with 78mm sand blasted perimeter as standard but any size available upon request. Painted border on toughened glass units only.
- Frames are manufactured from extruded aluminium section to EN 12020-1:2001.
- UPVC Thermal Barrier to glazing frame.

PRODUCT

- Type: Hinged Flatglass
- A Technical Data Sheet of this product is available from www.sterlingbuild.co.uk

Frame: Extruded aluminium section to BS1474

Kerb: Recommended 150mm high, minimum 75mm wide excluding finishes

- Manufacturer:

STERLINGBUILD LTD
Unit 14, Barnfield Road
Folkestone, Kent
CT19 5SU
Tel: 01304 219922
Web: www.sterlingbuild.co.uk
E-mail: enquiries@sterlingbuild.co.uk

Dirt Resistant coatings - Pilkington Activ Self Cleaning – requires 15° kerb pitch or greater
Below 15° pitch Ritec Clearshield Easyclean coating

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 = 1.4W/m².KTriple glazed total product U value = 1.2W/m².K

- Service:

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

Sterlingbuild would always recommend that a Flatglass unit should be installed to a minimum pitch of 5° up to 2.0m span and 10° over 2.0m in one panel. This is to help facilitate water run-off thus reducing water ponding and to help alleviate the build-up of silt deposits.

Flatglass Hinged Rooflight

Type 1

- Manufacturer: Sterlingbuild Ltd
 - Web: www.sterlingbuild.co.uk
 - Tel: +44 (0)1304 219922
 - Product reference: Hinged Flatglass
- Type: **Rectangular Square**
 - Size: **As drawing:**
- Frame finish: **Polyester powder coated RAL: Colour T.B.C.**
- Glazing:
 - Outer pane: **4mm 6mm 8mm toughened clear glass with sandblasted border**
 - Cavity: **20mm 16mm 14mm argon filled, silicone bonded + warm edge spacer**
 - Inner pane: **4mm 6mm 8mm heat soak tested toughened or 6.8mm 8.8mm laminated clear glass**
 - Soft coat low E coating: **Required**
 - Additional requirements / options: **Detailed site survey required prior to manufacture.
Min. 150mm high x 75mm thick structurally sound kerb not by Sterlingbuild.
Flashing of kerb, not by Sterlingbuild.
High performance solar control options; seek advice.
Obscure glazing available, sandblast all over, coloured PVB interlayer or satin glass.
Body tint glass grey blue green. Ritec Clearshield Easyclean coating.
Active self-cleaning glass if rooflight is installed at a greater pitch than 15°.
Triple glazed available; seek advice on sizes.
Electric 230v or 24v concealed chain link actuators.
Temperature + rain sensor, multi rooflight control, remote opening, AOV control.
Switches: Single gang, single gang with temperature control,
double gang with temp & rain sensor.
Access hatch with gas ram assist, min. kerb span 650mm, locks & handle.
Manual opener with wormgear and telescopic pole operation, max eaves kerb 80mm thick.
Acoustic laminated glass.**

More about Hinged Flatglass:

- 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.
- Ventilation option for natural ventilation in accordance with Building Regulation (E&W) Approved Document F available.
- Automatic Opening Vents (AOV) for natural ventilation can also be accommodated.
- 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 TN67 class 2.
- 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.
- 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.
- Aluminium frame weight = 4.91 kg/m