

Modular Rooflights



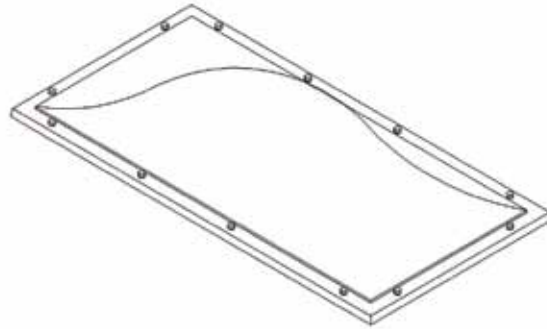
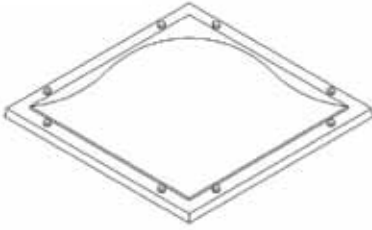
The Roofglaze range of high quality rooflights are designed to provide the maximum efficient distribution of natural light, together with a variety of ventilation options.

- Building Regulation Part L compliant design to achieve low U-value targets
- Non Fragile in accordance with British Regulations
- Ventilation options for Natural Ventilation in accordance with Building Regulation Part F
- Automatic Opening Vents for Smoke Ventilation
- Bespoke sizes and configurations available on request

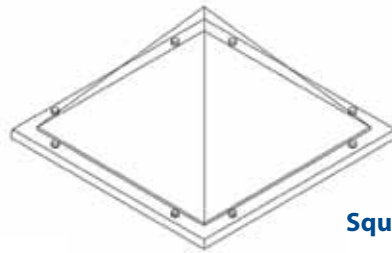
Total Product
U-values as low as
1.30
W/m²k
(using a triple skin dome
& UPVC upstand)

Glazing is thermoformed from enhanced UV protected polycarbonate, in a variety of shapes:

Square Dome

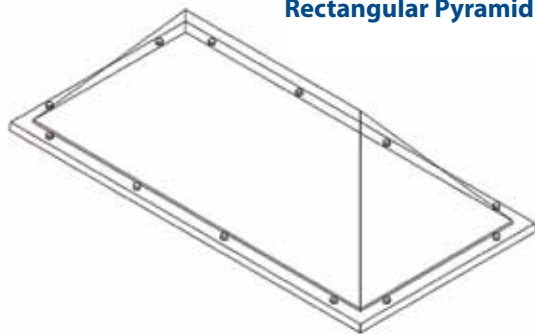
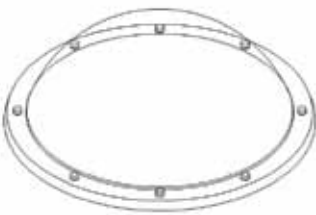


Rectangular Dome



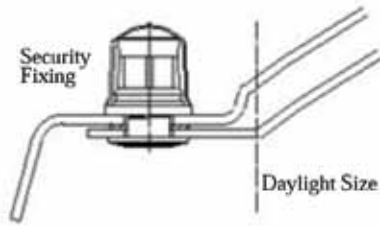
Square Pyramid 30°

Circular Dome / Low Rise

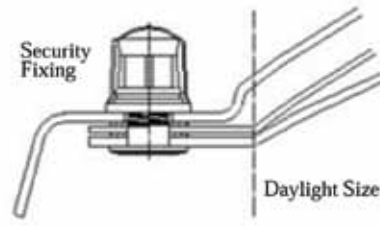


Rectangular Pyramid 30°

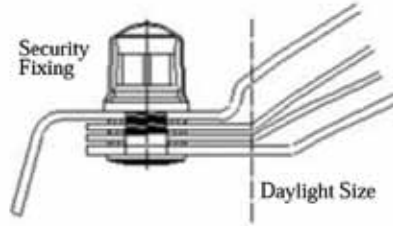
All Glazing is available in Double, Triple or Quadruple glazed options



Double Glazed



Triple Glazed



Quadruple Glazed

Glazing	Glazing Options	U-Value	Light Transmission	G-Value
Double Glazed	- Clear - Opal - Tinted Bronze - Cool & Clear	2.8 W/m ² K	77% 62% 63% 66%	0.77 0.67 0.70 0.44
Triple Glazed	- Clear - Opal - Tinted Bronze - Cool & Clear	1.9 W/m ² K	68% 55% 56% 58%	0.68 0.59 0.62 0.39
Quadruple Glazed	- Clear - Opal - Tinted Bronze - Cool & Clear	1.5 W/m ² K	60% 48% 49% 51%	0.60 0.52 0.55 0.34

A Triple Glazed RG Dome Rooflight, together with a 150mm high polystyrene filled uPVC upstand, has a total product U-value of 1.31 W/m².°K

Tested in accordance with BS EN 12567-2 using a Hot Box constructed to BS EN 8990

The above figures are based on standard dome rooflights moulded from 3mm polycarbonate

Performance Standard

RG Modular Rooflights are Non-Fragile, tested to European Regulation EN 1873.

RG Modular Rooflights are Class 1 surface spread of flame, TPa and have an AA designation.

RG Modular Triple Skin Rooflights, give an Acoustic Reduction of RW 22 dB

Roofglaze Limited offer a 10 year warranty against discolouration of the polycarbonate. Which is underwritten by the glazing manufacturer.

Ventilation

RG Modular Rooflights complete with Upstand, can be supplied with a Hinged Top, operated by either a manual spindle or electric actuator, 230Vac or 24Vdc.

A Trickle Ventilation option is also available.

Automatic Opening Vents for Smoke Ventilation, operated by 24Vdc actuators are also available.

Installation and Maintenance

Fixing and maintenance instruction are included with every delivery.

The rooflight is simply screw fixed to the roof, through the foot of the upstand.

The upstand is then weathered using the same roofing material as the main roof.

RG Modular Rooflights are suitable for use with all standard roofing materials.

In normal weather conditions, only occasional cleaning is necessary.

Firstly, spray the rooflight with clean water, to wash away any surface dust.

Then clean the rooflight using a soft non-abrasive cloth and dilute household detergent.

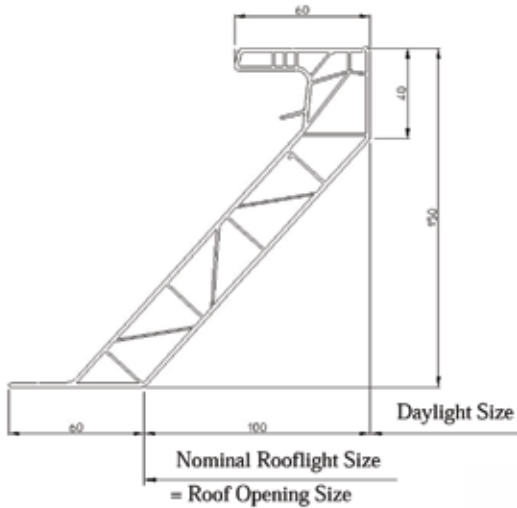
Lastly, rinse well with clean water.

Do not use chemical solvent or abrasive cleaners.

Do not clean in full sunshine.

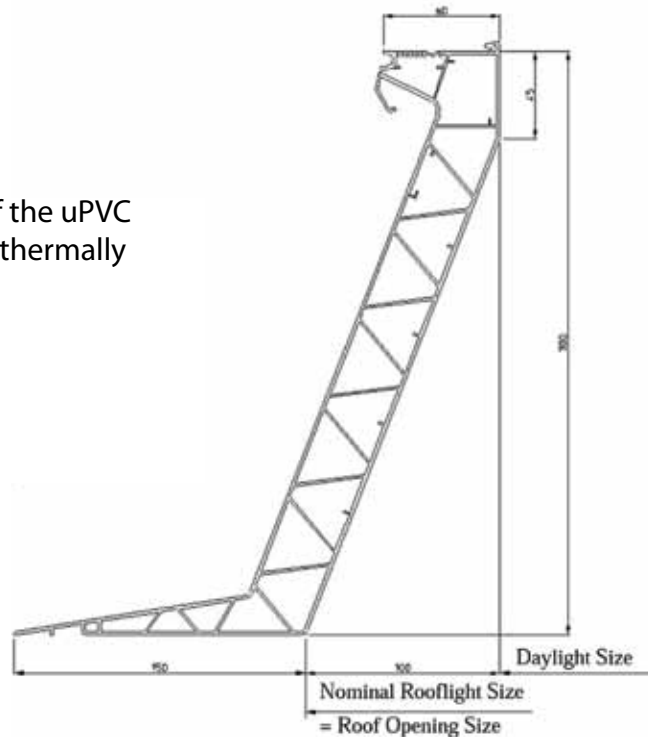
Upstands

The RG range of Upstands are designed to be used with RG Dome and Pyramid Rooflights.
 uPVC Upstands for Square or Rectangular Rooflights, are body coloured white.
 GRP Upstands for Circular Rooflights are finished white internally.
 All Upstands are compatible with all forms of roof finishing.



150mm uPVC Upstand

The multi-chambered construction of the uPVC extruded upstand gives a robust and thermally efficient performance



300mm uPVC Upstand

Thermal Transmission:

uPVC Upstands Polystyrene Filled: $1.0 \text{ W/m}^2 \cdot \text{°K}$

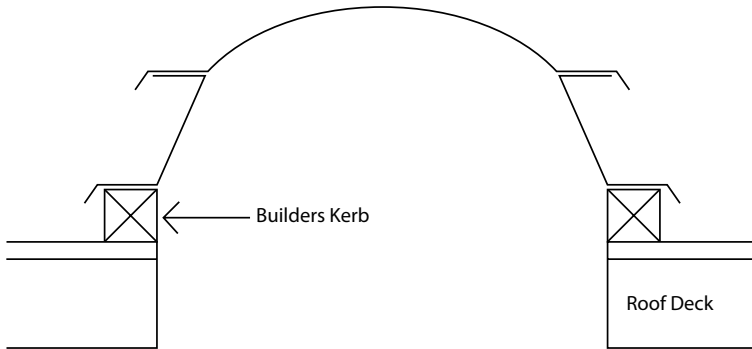
uPVC Upstands Air Filled: $2.8 \text{ W/m}^2 \cdot \text{°K}$

Upstands

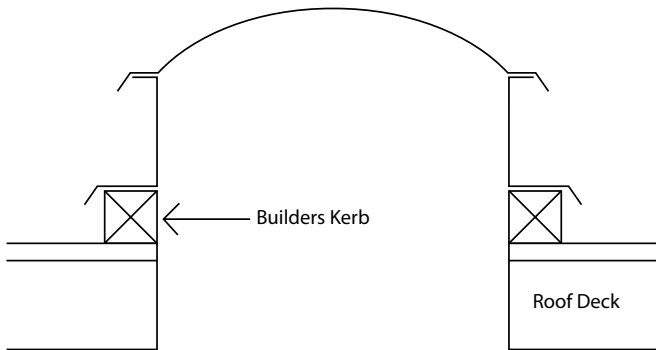
Thermally broken aluminium upstands
Vertical UPVC upstands

Kerb Adaptors

Kerb adaptors are required when fitting to an existing builders kerb.
The adapter can be manufactured in thermally broken aluminium or UPVC.

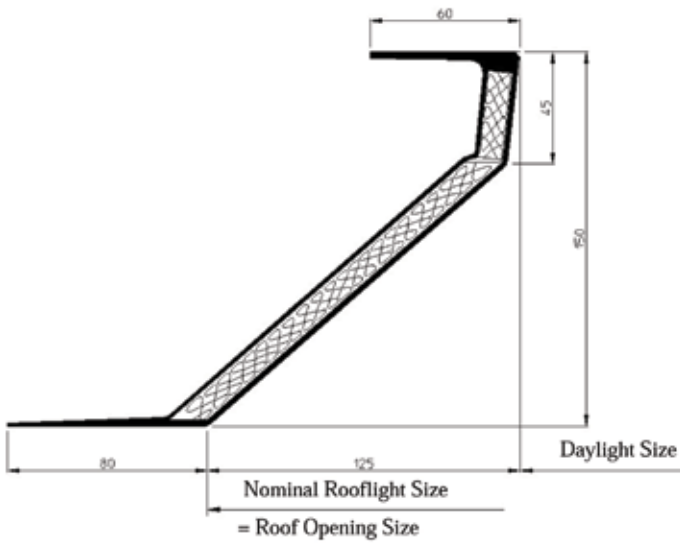


Aluminium



UPVC

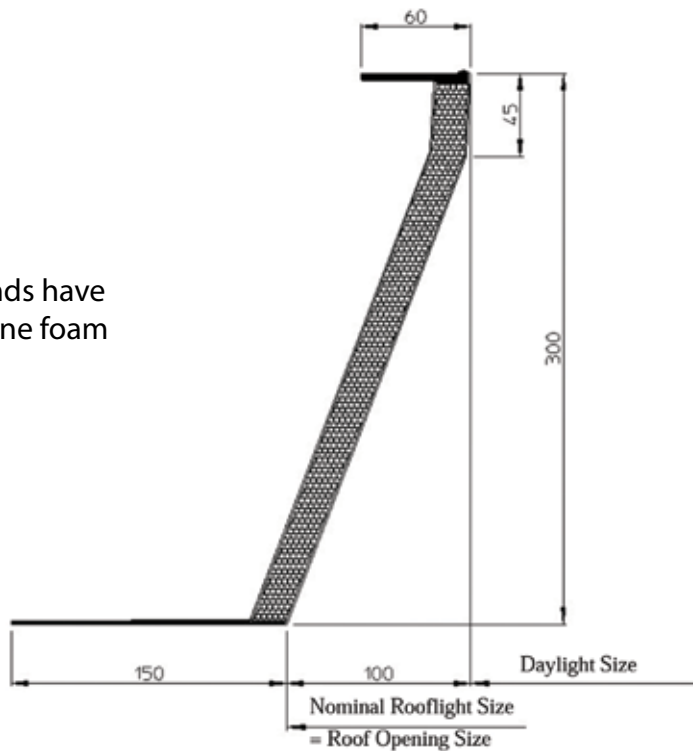
GRP Circular Upstands



Standard 150mm GRP Upstands have a 10mm polyurethane foam insulation core.

150mm GRP Upstand

300mm GRP Upstands have a 20mm polyurethane foam insulation core



300mm GRP Upstand

Thermal Transmission:

GRP Upstands 10mm thick: $1.60 \text{ W/m}^2\cdot\text{K}$

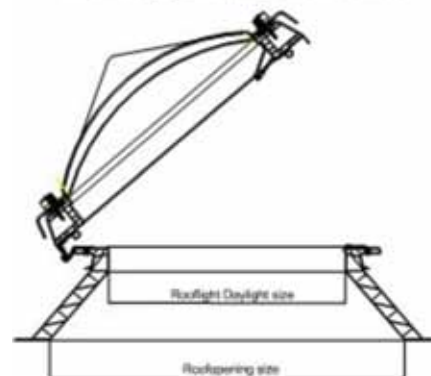
GRP Upstands 20mm thick: $0.95 \text{ W/m}^2\cdot\text{K}$

*RG Rooflight Schedule

Daylight sizes Domes		Height Domes	Height Pyramids	PVC Upstand	Roofopening sizes Upstands		PVC Window frame	Daylight sizes circular domes	Height Circular Domes	GRP Upstand	Roofopening sizes Upstands	
					150 high	300 high					150 high	300 high
400	400	80	-	x	600	600	x/S	400	180	xx	650	600
400	700	80	-	x	600	900	x/S	500	240	xx	750	700
500	500	90	150	x	700	700	x/S	600	270	xx	850	800
500	1000	90	-	x	700	1200	x/S	700	320	xx	950	900
600	600	100	180	x	800	800	x/S	800	360	xx	1050	1000
600	900	100	-	x	800	1100	x/S	900	400	xx	1150	1100
600	1200	100	-	x	800	1400	x/S	1000	450		1250	1200
700	700	120	210	x	900	900	x/S	1200	540		1450	1400
700	1000	120	-	x	900	1200	x/S	1300	580		1550	1500
700	1300	120	-	x	900	1500	x/S	1600	720		1850	1800
750	750	120	-	x	950	950	x/S	1800	810		2050	2000
750	1250	120	-	x	950	1450	x/S	2000	900		2250	2200
750	1750	150	-	x	950	1950	x/T					
800	800	130	230	x	1000	1000	x/S					
800	1300	130	230	x	1000	1500	x/S					
800	1600	150	230	x	1000	1800	x/T					
800	1800	160	-	x	1000	2000	x/T					
800	2200	160	-	x	1000	2400	x/T					
800	2300	160	-	x	1000	2500	x/T					
800	2800	160	-	x	1000	3000	x/T					
900	900	150	260	x	1100	1100	x/S					
1000	1000	160	290	x	1200	1200	x/S					
1000	1300	160	-	x	1200	1500	x/S					
1000	1600	200	-	x	1200	1800	x/T					
1000	1900	200	-	x	1200	2100	x/T					
1000	2000	200	-	x	1200	2200	x/T					
1000	2200	200	290	x	1200	2400	x/T					
1000	2300	200	-	x	1200	2500	x/T					
1000	2500	200	-	x	1200	2700	x/T					
1000	2800	200	-	x	1200	3000	x/T					
1200	1200	180	350	x	1400	1400	x/T					
1300	1300	190	380	x	1500	1500	x/T					
1300	1600	260	-	x	1500	1800	x/T					
1300	1900	260	-	x	1500	2100	x/T					
1300	2200	260	-	x	1500	2400	x/T					
1300	2300	260	-		1500	2500	x/T					
1300	2500	260	-		1500	2700	x/T					
1300	2800	260	-		1500	3000	x/T					
1400	1400	280	410		1600	1600	x/T					
1500	1500	300	440		1700	1700	x/T					
1600	1600	320	470		1800	1800	x/T					
1600	2200	320	-		1800	2400	x/T					
1600	2300	320	-		1800	2500	x/T					
1600	2500	320	-		1800	2700	x/T					
1600	2800	320	-		1800	3000	x/T					

- x = Available
 S = Solo operated
 T = Tandem operated
 Sizes in mm
■ Available next day of 48h
■ Available within 5-7 days
 other sizes available on demand

RG Rooflights: Domes and Pyramids



* Subject to change dependent on range of Roof light.

Please contact sales office for specific information.

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