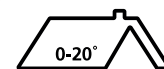
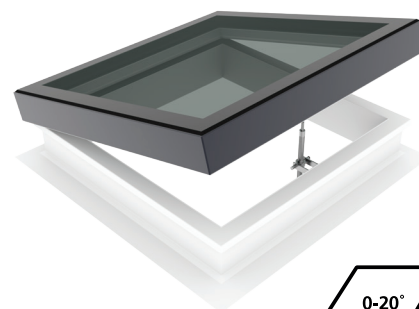


# Premium Flat Glass Rooflight

With its anthracite grey, fully thermally broken design and welded aluminium frame with its edge to edge double glazed finish, the Keylite Premium Flat Glass Rooflight provides a contemporary alternative to Polycarbonate flat roof products.



\*See note for below 5°

## Features

- ▶ **Thermal Performance** - All Keylite Premium Flat Glass Rooflights are supplied with an insulated PVC upstand for increased thermal efficiency and a reduction in heat loss. They boast an impressive 1.23 W/m<sup>2</sup>.K U-Value for the overall unit.
- ▶ **Warm Edge Glazing** - Every Keylite Premium Flat Glass Rooflight has a warm edge glazing unit incorporated into it as standard, to enhance the windows performance and reduce the occurrence of condensation.
- ▶ **Additional Safety** - The glazing unit of all Keylite Premium Flat Glass Rooflights comprises of a 6mm Toughened outer pane, 16mm Argon gas filled cavity and an 8.8mm laminated inner pane. The lamination between the two inner panes means that were an object to make contact with the glass, if the force is sufficient enough to shatter the glass the lamination ensures the glazing unit remains intact and does not fall causing potential harm to the occupants below.
- ▶ **Increased Security** - The unique patented security screw-bolts that mechanically fix the glazed top to the PVC upstand provide the occupiers with increased peace of mind that the unit cannot be breached through simply removing the glazed top.
- ▶ **Operation** - Keylite Premium Flat Glass Rooflights are supplied fixed shut as standard; however additional upgrades to manual and electric operation are also readily available.
- ▶ **Installation** - All Keylite Premium Flat Glass Rooflights are intended to be installed on roof pitches between 5° - 20°.

## Application

- ▶ Keylite recommend installing the Premium Flat Glass Rooflights on a 5° incline as this will allow any surface water to run off the glass effectively to ensure the unit remains watertight. Where the roof pitch is below that, an additional upstand at 5° is required.
- ▶ For installation of roof windows above 2.2m Keylite also recommend electrical operation and a laminated inner safety pane.

## Maintenance

- ▶ The glazing pane of a Keylite Flat Glass Rooflights can be cleaned with a soft, clean cloth/chamois or non-metal squeegee. Clean water will be sufficient for cleaning the pane.
- ▶ The PVC upstand is manufactured from shock resistant PVC and similar to the Glazing Pane, can be cleaned with non-abrasive clothes and clean water. Where stronger cleaning compounds are required in order to remove more stubborn stains please consult the Keylite Technical Department.

## Guarantee

- ▶ **10 Years** - Keylite's hassle free guarantee on windows and flashings.
- ▶ **3 Years** - Keylite's hassle free guarantee on blinds, accessories and electrics.

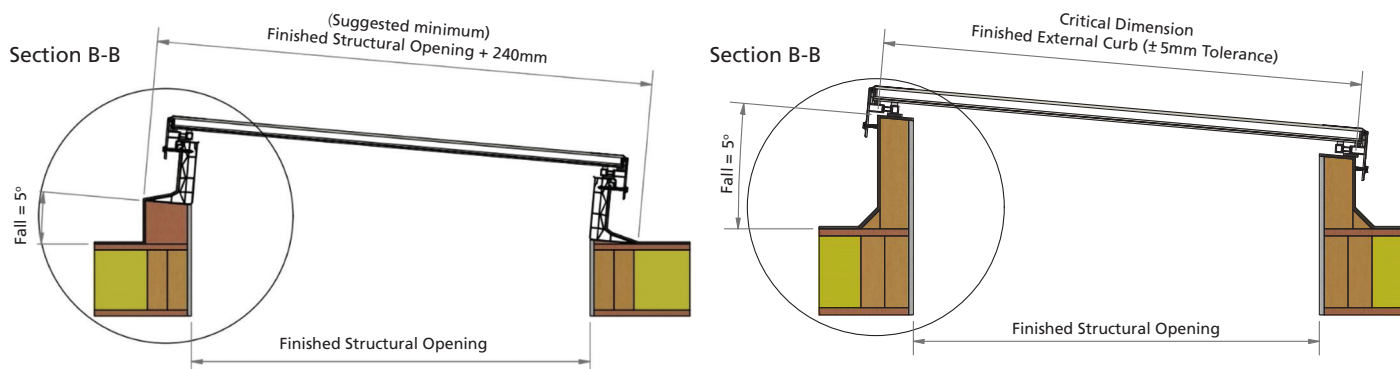
## Finish Options

- ▶ **Interior** - White
- ▶ **Exterior** - Grey



\* This product can be installed on roof pitches below 5° when mounted to an additional upstand at 5°. Were the unit is to be installed below 5° then there is an increased risk of water and dirt lying on the glass where over time there is a chance this could lead to some minor discoloration of the glass.

## Technical Information



## Technical Data

Characteristic	Values
Thermal transmittance of rooflight - Rooflight with glazing insulating laminated glass	$U_g = 1.1$ , $U_w = 1.23 \text{ W/m}^2\cdot\text{K}$
Thermal transmittance of upstand - Splayed PVC upstand with PUR insulation - Vertical PVC upstand with PUR insulation	$U_p = 0.92 \text{ W/m}^2\cdot\text{K}$ $U_p = 1.00 \text{ W/m}^2\cdot\text{K}$
Acoustic performance	$R_w = 37 (-1; -1) \text{ dB}$
Air permeability	Class 2
Watertightness	Pass (without penetration of water)
Up-effect loading	UL 3000
Down-effect loading	DL 2500
Impact resistance	CWCT Class 1
Fire rating	Class B-s2, d0
Light transmittance	76%
Glazing	Double glazed 6mm toughened outer 8.8mm laminated inner pane

## Size Range

	S6	R69	S8	S9	R912	S10	R1015	S12
Code								
Size WxH (mm)	600x600	600x900	800x800	900x900	900x1200	1000x1000	1000x1500	1200x1200
Structural Opening Size	625x625	625x925	825x825	925x925	925x1225	1025x1025	1025x1525	1225x1225

Window Type	Window Size	Unit Size		Structural Opening Size Required	
		(mm)		(mm)	
		W	H	W	H
PFRG	S6	600	600	625	625
PFRG	R69	600	900	625	925
PFRG	S8	800	800	825	825
PFRG	S9	900	900	925	925
PFRG	R912	900	1200	925	1225
PFRG	S10	1000	1000	1025	1025
PFRG	R1015	1000	1500	1025	1525
PFRG	S12	1200	1200	1225	1225
PFRG	S5	500	500	525	525
PFRG	R64	600	400	625	425
PFRG	R65	600	500	625	525
PFRG	R74	700	400	725	425
PFRG	R75	700	500	725	525
PFRG	R76	700	600	725	625
PFRG	S7	700	700	725	725
PFRG	R84	800	400	825	425
PFRG	R85	800	500	825	525
PFRG	R86	800	600	825	625
PFRG	R87	800	700	825	725
PFRG	R94	900	400	925	425
PFRG	R95	900	500	925	525
PFRG	R96	900	600	925	625
PFRG	R97	900	700	925	725
PFRG	R98	900	800	925	825
PFRG	R104	1000	400	1025	425
PFRG	R105	1000	500	1025	525
PFRG	R106	1000	600	1025	625
PFRG	R107	1000	700	1025	725
PFRG	R108	1000	800	1025	825
PFRG	R109	1000	900	1025	925
PFRG	R114	1100	400	1125	425
PFRG	R115	1100	500	1125	525
PFRG	R116	1100	600	1125	625
PFRG	R117	1100	700	1125	725
PFRG	R118	1100	800	1125	825
PFRG	R119	1100	900	1125	925
PFRG	R1110	1100	1000	1125	1025
PFRG	S11	1100	1100	1125	1125
PFRG	R124	1200	400	1225	425
PFRG	R125	1200	500	1225	525
PFRG	R126	1200	600	1225	625
PFRG	R127	1200	700	1225	725
PFRG	R128	1200	800	1225	825
PFRG	R1210	1200	1000	1225	1025
PFRG	R1211	1200	1100	1225	1125
PFRG	R134	1300	400	1325	425
PFRG	R135	1300	500	1325	525
PFRG	R136	1300	600	1325	625
PFRG	R137	1300	700	1325	725
PFRG	R138	1300	800	1325	825
PFRG	R139	1300	900	1325	925
PFRG	R1310	1300	1000	1325	1025
PFRG	R1311	1300	1100	1325	1125
PFRG	R1312	1300	1200	1325	1225
PFRG	S13	1300	1300	1325	1325
PFRG	R144	1400	400	1425	425
PFRG	R145	1400	500	1425	525

Window Type	Window Size	Unit Size		Structural Opening Size Required	
		(mm)		(mm)	
		W	H	W	H
PFRG	R146	1400	600	1425	625
PFRG	R147	1400	700	1425	725
PFRG	R148	1400	800	1425	825
PFRG	R149	1400	900	1425	925
PFRG	R1410	1400	1000	1425	1025
PFRG	R1411	1400	1100	1425	1125
PFRG	R1412	1400	1200	1425	1225
PFRG	R1413	1400	1300	1425	1325
PFRG	S14	1400	1400	1425	1425
PFRG	R154	1500	400	1525	425
PFRG	R155	1500	500	1525	525
PFRG	R156	1500	600	1525	625
PFRG	R157	1500	700	1525	725
PFRG	R158	1500	800	1525	825
PFRG	R159	1500	900	1525	925
PFRG	R1511	1500	1100	1525	1125
PFRG	R1512	1500	1200	1525	1225
PFRG	R1513	1500	1300	1525	1325
PFRG	R1514	1500	1400	1525	1425
PFRG	S15	1500	1500	1525	1525
PFRG	R164	1600	400	1625	425
PFRG	R165	1600	500	1625	525
PFRG	R166	1600	600	1625	625
PFRG	R167	1600	700	1625	725
PFRG	R168	1600	800	1625	825
PFRG	R169	1600	900	1625	925
PFRG	R1610	1600	1000	1625	1025
PFRG	R1611	1600	1100	1625	1125
PFRG	R1612	1600	1200	1625	1225
PFRG	R1613	1600	1300	1625	1325
PFRG	R1614	1600	1400	1625	1425
PFRG	R1615	1600	1500	1625	1525
PFRG	S16	1600	1600	1625	1625
PFRG	R174	1700	400	1725	425
PFRG	R175	1700	500	1725	525
PFRG	R176	1700	600	1725	625
PFRG	R177	1700	700	1725	725
PFRG	R178	1700	800	1725	825
PFRG	R179	1700	900	1725	925
PFRG	R1710	1700	1000	1725	1025
PFRG	R1711	1700	1100	1725	1125
PFRG	R1712	1700	1200	1725	1225
PFRG	R1713	1700	1300	1725	1325
PFRG	R1714	1700	1400	1725	1425
PFRG	R1715	1700	1500	1725	1525
PFRG	R1716	1700	1600	1725	1625
PFRG	S17	1700	1700	1725	1725
PFRG	R184	1800	400	1825	425
PFRG	R185	1800	500	1825	525
PFRG	R186	1800	600	1825	625
PFRG	R187	1800	700	1825	725
PFRG	R188	1800	800	1825	825
PFRG	R189	1800	900	1825	925
PFRG	R1810	1800	1000	1825	1025
PFRG	R1811	1800	1100	1825	1125
PFRG	R1812	1800	1200	1825	1225
PFRG	R1813	1800	1300	1825	1325
PFRG	R1814	1800	1400	1825	1425

Window Type	Window Size	Unit Size		Structural Opening Size Required	
		(mm)		(mm)	
		W	H	W	H
PFRG	R1815	1800	1500	1825	1525
PFRG	R1816	1800	1600	1825	1625
PFRG	R1817	1800	1700	1825	1725
PFRG	S18	1800	1800	1825	1825
PFRG	R194	1900	400	1925	425
PFRG	R195	1900	500	1925	525
PFRG	R196	1900	600	1925	625
PFRG	R197	1900	700	1925	725
PFRG	R198	1900	800	1925	825
PFRG	R199	1900	900	1925	925
PFRG	R1910	1900	1000	1925	1025
PFRG	R1911	1900	1100	1925	1125
PFRG	R1912	1900	1200	1925	1225
PFRG	R1913	1900	1300	1925	1325
PFRG	R1914	1900	1400	1925	1425
PFRG	R1915	1900	1500	1925	1525
PFRG	R1916	1900	1600	1925	1625
PFRG	R1917	1900	1700	1925	1725
PFRG	R1918	1900	1800	1925	1825
PFRG	S19	1900	1900	1925	1925
PFRG	R204	2000	400	2025	425
PFRG	R205	2000	500	2025	525
PFRG	R206	2000	600	2025	625
PFRG	R207	2000	700	2025	725
PFRG	R208	2000	800	2025	825
PFRG	R209	2000	900	2025	925
PFRG	R2010	2000	1000	2025	1025
PFRG	R2011	2000	1100	2025	1125
PFRG	R2012	2000	1200	2025	1225
PFRG	R2013	2000	1300	2025	1325
PFRG	R2014	2000	1400	2025	1425
PFRG	R2015	2000	1500	2025	1525
PFRG	R2016	2000	1600	2025	1625
PFRG	R2017	2000	1700	2025	1725
PFRG	R2018	2000	1800	2025	1825
PFRG	R2019	2000	1900	2025	1925
PFRG	S20	2000	2000	2025	2025
PFRG	R214	2100	400	2125	425
PFRG	R215	2100	500	2125	525
PFRG	R216	2100	600	2125	625
PFRG	R217	2100	700	2125	725
PFRG	R218	2100	800	2125	825
PFRG	R219	2100	900	2125	925
PFRG	R2110	2100	1000	2125	1025
PFRG	R2111	2100	1100	2125	1125
PFRG	R2112	2100	1200	2125	1225
PFRG	R2113	2100	1300	2125	1325
PFRG	R2114	2100	1400	2125	1425
PFRG	R2115	2100	1500	2125	1525
PFRG	R2116	2100	1600	2125	1625
PFRG	R2117	2100	1700	2125	1725
PFRG	R2118	2100	1800	2125	1825
PFRG	R2119	2100	1900	2125	1925
PFRG	R2120	2100	2000	2125	2025
PFRG	S21	2100	2100	2125	2125
PFRG	R224	2200	400	2225	425
PFRG	R225	2200	500	2225	525
PFRG	R226	2200	600	2225	625

Window Type	Window Size	Unit Size		Structural Opening Size Required	
		(mm)		(mm)	
		W	H	W	H
PFRG	R227	2200	700	2225	725
PFRG	R228	2200	800	2225	825
PFRG	R229	2200	900	2225	925
PFRG	R2210	2200	1000	2225	1025
PFRG	R2211	2200	1100	2225	1125
PFRG	R2212	2200	1200	2225	1225
PFRG	R2213	2200	1300	2225	1325
PFRG	R2214	2200	1400	2225	1425
PFRG	R2215	2200	1500	2225	1525
PFRG	R2216	2200	1600	2225	1625
PFRG	R2217	2200	1700	2225	1725
PFRG	R2218	2200	1800	2225	1825
PFRG	R2219	2200	1900	2225	1925
PFRG	R2220	2200	2000	2225	2025
PFRG	R234	2300	400	2325	425
PFRG	R235	2300	500	2325	525
PFRG	R236	2300	600	2325	625
PFRG	R237	2300	700	2325	725
PFRG	R238	2300	800	2325	825
PFRG	R239	2300	900	2325	925
PFRG	R2310	2300	1000	2325	1025
PFRG	R2311	2300	1100	2325	1125
PFRG	R2312	2300	1200	2325	1225
PFRG	R2313	2300	1300	2325	1325
PFRG	R2314	2300	1400	2325	1425
PFRG	R2315	2300	1500	2325	1525
PFRG	R2316	2300	1600	2325	1625
PFRG	R2317	2300	1700	2325	1725
PFRG	R2318	2300	1800	2325	1825
PFRG	R2319	2300	1900	2325	1925
PFRG	R244	2400	400	2425	425
PFRG	R245	2400	500	2425	525
PFRG	R246	2400	600	2425	625
PFRG	R247	2400	700	2425	725
PFRG	R248	2400	800	2425	825
PFRG	R249	2400	900	2425	925
PFRG	R2410	2400	1000	2425	1025
PFRG	R2411	2400	1100	2425	1125
PFRG	R2412	2400	1200	2425	1225
PFRG	R2413	2400	1300	2425	1325
PFRG	R2414	2400	1400	2425	1425
PFRG	R2415	2400	1500	2425	1525
PFRG	R2416	2400	1600	2425	1625
PFRG	R2417	2400	1700	2425	1725
PFRG	R2418	2400	1800	2425	1825
PFRG	R254	2500	400	2525	425
PFRG	R255	2500	500	2525	525
PFRG	R256	2500	600	2525	625
PFRG	R257	2500	700	2525	725
PFRG	R258	2500	800	2525	825
PFRG	R259	2500	900	2525	925
PFRG	R2510	2500	1000	2525	1025
PFRG	R2511	2500	1100	2525	1125
PFRG	R2512	2500	1200	2525	1225
PFRG	R2513	2500	1300	2525	1325
PFRG	R2514	2500	1400	2525	1425
PFRG	R2515	2500	1500	2525	1525
PFRG	R2516	2500	1600	2525	1625

Window Type	Window Size	Unit Size		Structural Opening Size Required	
		(mm)		(mm)	
		W	H	W	H
PFRG	R2517	2500	1700	2525	1725
PFRG	R2518	2500	1800	2525	1825
PFRG	R264	2600	400	2625	425
PFRG	R265	2600	500	2625	525
PFRG	R266	2600	600	2625	625
PFRG	R267	2600	700	2625	725
PFRG	R268	2600	800	2625	825
PFRG	R269	2600	900	2625	925
PFRG	R2610	2600	1000	2625	1025
PFRG	R2611	2600	1100	2625	1125
PFRG	R2612	2600	1200	2625	1225
PFRG	R2613	2600	1300	2625	1325
PFRG	R2614	2600	1400	2625	1425
PFRG	R2615	2600	1500	2625	1525
PFRG	R2616	2600	1600	2625	1625
PFRG	R2617	2600	1700	2625	1725
PFRG	R274	2700	400	2725	425
PFRG	R275	2700	500	2725	525
PFRG	R276	2700	600	2725	625
PFRG	R277	2700	700	2725	725
PFRG	R278	2700	800	2725	825
PFRG	R279	2700	900	2725	925
PFRG	R2710	2700	1000	2725	1025
PFRG	R2711	2700	1100	2725	1125
PFRG	R2712	2700	1200	2725	1225
PFRG	R2713	2700	1300	2725	1325
PFRG	R2714	2700	1400	2725	1425
PFRG	R2715	2700	1500	2725	1525
PFRG	R2716	2700	1600	2725	1625
PFRG	R284	2800	400	2825	425
PFRG	R285	2800	500	2825	525
PFRG	R286	2800	600	2825	625
PFRG	R287	2800	700	2825	725
PFRG	R288	2800	800	2825	825
PFRG	R289	2800	900	2825	925
PFRG	R2810	2800	1000	2825	1025
PFRG	R2811	2800	1100	2825	1125
PFRG	R2812	2800	1200	2825	1225
PFRG	R2813	2800	1300	2825	1325
PFRG	R2814	2800	1400	2825	1425
PFRG	R2815	2800	1500	2825	1525
PFRG	R2816	2800	1600	2825	1625
PFRG	R294	2900	400	2925	425
PFRG	R295	2900	500	2925	525
PFRG	R296	2900	600	2925	625
PFRG	R297	2900	700	2925	725
PFRG	R298	2900	800	2925	825
PFRG	R299	2900	900	2925	925
PFRG	R2910	2900	1000	2925	1025
PFRG	R2911	2900	1100	2925	1125
PFRG	R2912	2900	1200	2925	1225

Window Type	Window Size	Unit Size		Structural Opening Size Required	
		(mm)		(mm)	
		W	H	W	H
PFRG	R2913	2900	1300	2925	1325
PFRG	R2914	2900	1400	2925	1425
PFRG	R2915	2900	1500	2925	1525
PFRG	R2916	2900	1600	2925	1625
PFRG	R304	3000	400	3025	425
PFRG	R305	3000	500	3025	525
PFRG	R306	3000	600	3025	625
PFRG	R307	3000	700	3025	725
PFRG	R308	3000	800	3025	825
PFRG	R309	3000	900	3025	925
PFRG	R3010	3000	1000	3025	1025
PFRG	R3011	3000	1100	3025	1125
PFRG	R3012	3000	1200	3025	1225
PFRG	R3013	3000	1300	3025	1325
PFRG	R3014	3000	1400	3025	1425
PFRG	R3015	3000	1500	3025	1525
PFRG	R3016	3000	1600	3025	1625
PFRG	R314	3100	400	3125	425
PFRG	R315	3100	500	3125	525
PFRG	R316	3100	600	3125	625
PFRG	R317	3100	700	3125	725
PFRG	R318	3100	800	3125	825
PFRG	R319	3100	900	3125	925
PFRG	R3110	3100	1000	3125	1025
PFRG	R3111	3100	1100	3125	1125
PFRG	R3112	3100	1200	3125	1225
PFRG	R3113	3100	1300	3125	1325
PFRG	R3114	3100	1400	3125	1425
PFRG	R3115	3100	1500	3125	1525
PFRG	R3116	3100	1600	3125	1625
PFRG	R324	3200	400	3225	425
PFRG	R325	3200	500	3225	525
PFRG	R326	3200	600	3225	625
PFRG	R327	3200	700	3225	725
PFRG	R328	3200	800	3225	825
PFRG	R329	3200	900	3225	925
PFRG	R3210	3200	1000	3225	1025
PFRG	R3211	3200	1100	3225	1125
PFRG	R3212	3200	1200	3225	1225
PFRG	R3213	3200	1300	3225	1325
PFRG	R3214	3200	1400	3225	1425
PFRG	R3215	3200	1500	3225	1525
PFRG	R3216	3200	1600	3225	1625

Note: R3111 Denotes the size is a stock size.

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