

# White Painted Roof Window

The Keylite White Painted Roof Window range is considered ideal for kitchens, bathrooms or any other room that may be prone to smoke, dust or steam.



## Features

- ▶ **Bright White** - Keylite's White Painted range blends in perfectly with white ceilings to maximise the use of natural light within the room.
- ▶ **Click-Fit Hood** - Simply click the hood under the hood hooks and secure into position by clicking the hood in at each end. The cover flashings now require 50% fewer screws than before.
- ▶ **Recessed Fit as Standard** - Every Keylite Roof Window is recessed as standard, sitting lower in the roof than ever before.
- ▶ **New Profile Hood** - Keylite's new hood features a more sculptured design, enhancing its appearance in the roof.
- ▶ **Integrated Thermal Collar** - Unlike other roof windows Keylite's thermal collar is integrated into the frame. The collar is activated by simply pulling the release tabs for a fast insulation solution, combating cold bridging.
- ▶ **Warm Edge Glazing** - Every Keylite Roof Window now has a warm edge glazing unit as standard, to enhance the windows performance and reduce the occurrence of condensation.
- ▶ **Flick-Fit Brackets** - Keylite's unique Flick-Fit brackets are prefitted so you can lift the window straight from the box to the roof and simply select the setting for tile or slate.
- ▶ **Ventilation handle** - Keylite's slimline ventilation handle has a new contemporary style, designed to provide comfortable opening of both the window and the ventilation handle.
- ▶ **All Weather Ventilation** - Keylite Roof Windows all provide trickle ventilation, even with the window fully closed and securely locked. The built in ventilation filter ensures no insects pass into the room, only clean fresh air.
- ▶ **Sash Finger Springs** - The sash hinge finger spring allows the sash to be installed back into the frame in one smooth effortless motion.
- ▶ **Maintenance Free Hinge** - The hinge being the most vital component of the window, is the only operational part that moves. Keylite has eliminated the maintenance requirement of this component.

## Application

- ▶ Keylite recommend installing the window so that the frame top is between 1.85 - 2.20m above the floor for ease of operation.
- ▶ For installation of roof windows above 2.2m Keylite also recommend electrical operation and a laminated inner safety pane.

## Operation

- ▶ **WCP** - The Keylite White Painted Centre Pivot Roof Window is operated manually as standard, through the full width use of our ventilation handle, located along the top of the sash. Electric operation is also available as an additional accessory.
- ▶ **WTH/WFE** - The Keylite White Painted Top Hung/ Fire Escape roof window is operated manually as standard, through rotating the handle, located along the bottom of the sash. The Keylite Top Hung/Fire Escape Roof Window retains its ventilation flap and centre pivoting hinge for cleaning purposes.

## Guarantee

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

## Installation and Accessory Products

- ▶ **Flashings**
  - Single Installation:
    - Tile (TRF)
    - Deep Tile (DTRF)
    - Slate (SRF)
    - Plain Tile (PTRF)
  - Combination Installation:
    - Combi Tile (CTRF)
    - Combi Slate (CSRF)
    - Combi Plain Tile (CPTRF)
    - Bi-Lite Tile (BLTRF)
    - Bi-Lite Slate (BLSRF)
    - Quad Lite Tile (QLTRF)
    - Quad Lite Slate (QLSRF)
- ▶ **Additional Installation Products** -
  - Underfelt Collar (FC)
  - Vapour Collar (VC)
- ▶ **Accessories** -
  - 2 metre window pole (WP2)
  - 3 metre window pole (WP3)
  - Solar Powered electric kit (SPEK)\*
  - Premium electric kit (PEK)\*
  - Standard electric kit (SEK)\*
  - Opening restrictor (OR)
  - Security lock (SL)
- ▶ **Blinds** -
  - Integral Blind (I)
  - Dim out Blind (D)
  - Black out Blind (B)

\*Available on CP windows ONLY





Window Sizes (WxH)	550x780	550x980	550x1180	660x1180	780x980	780x1180	780x1400	940x1400	940x1600	1140x1180	1340x980	1340x1400
	<b>Centre Pivot</b>											
<b>Thermal</b> Product Code	WCP 01 T	WCP 02 T	WCP 01C T	WCP 03 T	WCP 04 T	WCP 05 T	WCP 06 T	WCP 07F T	WCP 07 T	WCP 08 T	WCP 09 T	WCP 10 T
<b>Hi Therm</b> Product Code	WCP 01 HT	WCP 02 HT	WCP 01C HT	WCP 03 HT	WCP 04 HT	WCP 05 HT	WCP 06 HT	WCP 07F HT	WCP 07 HT	WCP 08 HT	WCP 09 HT	WCP 10 HT
<b>Triple Glazed</b> Product Code	WCP 01 KTG	WCP 02 KTG	WCP 01C KTG	WCP 03 KTG	WCP 04 KTG	WCP 05 KTG	WCP 06 KTG	WCP 07F KTG	WCP 07 KTG	WCP 08 KTG	WCP 09 KTG	-
	<b>Top Hung</b>		<b>Fire Escape</b>									
<b>Thermal</b> Product Code	-	WTH 02 T	WFE 01C T	WFE 03 T	WFE 04 T	WFE 05 T	WFE 06 T	WFE 07F T	WFE 07 T	WFE 08 T	WFE 09 T	WFE 10 T
<b>Hi Therm</b> Product Code	-	WTH 02 HT	WFE 01C HT	WFE 03 HT	WFE 04 HT	WFE 05 HT	WFE 06 HT	WFE 07F HT	WFE 07 HT	WFE 08 HT	WFE 09 HT	WFE 10 HT

Note: Due to the opening size of an 02 roof window it must not be used as a means of escape.

Other sizes are available, please contact the Keylite Sales Team for details of full range.

## Thermal Performance

		Thermal [T]	Hi Therm [HT]	Triple [KTG]	Frosted [T-FR]
<b>Window U value</b>	U <sub>w</sub> [W/m²K]	1.3	1.3	1.0	1.3
<b>Centre pane U value</b>	U <sub>g</sub> [W/m²K]	1.1	1.1	0.6	1.1

## Glazing

**Thermal (T)** - Double glazed, toughened outer pane, argon gas filled cavity, float inner pane.

**Hi-Therm (HT)** - Double glazed, toughened outer pane, argon gas filled cavity, laminated inner pane with enhanced noise reduction.

**Triple Glazed (KTG)** - Triple glazed, toughened outer pane, krypton gas filled cavity, float centre pane, krypton gas filled cavity, float inner pane with enhanced sound and thermal insulation.

**Frosted (FR)** - Double glazed, toughened outer pane, argon gas filled cavity, frosted float inner pane.

Note: Self-cleaning glass available upon request. For further information, please contact the Keylite technical team.

## Maintenance

- ▶ The glazing pane of a Keylite White Finish Roof Window can be cleaned with a soft, clean cloth/chamois or non-metal squeegee. Clean water will be sufficient for cleaning the pane.
- ▶ The sash can be rotated through 180° where the outer pane can become available for cleaning once locked in position using the plastic locking mechanism located along the top of the sash.

## Glazing Option

Glazing Option - Results			Thermal [T]	Hi Therm [HT]	Triple [KTG]	Frosted [FR]
UV	Transmittance (%)	$\tau_{uv}$	44	0	31	43
	Transmittance for standard illuminant D65 (%)	$\tau_v$	82	81	74	80
Light	Reflectance for standard illuminant D65 (%) <sup>(*)</sup>	$\rho_v$	12	12	16	12
	Reflectance for standard illuminant D65 (%) <sup>(**)</sup>	$\rho_v$	12	12	16	12
	General colour rendering index (%)	R <sub>a</sub>	98	98	97	96
	Solar direct transmittance (%)	$\tau_e$	58	53	46	57
Energy	Solar direct reflectance (%) <sup>(*)</sup>	$\rho_e$	28	28	33	27
	Solar direct reflectance (%) <sup>(**)</sup>	$\rho_e$	27	23	32	26
	Solar direct absorption (%) <sup>(*)</sup>	a	14	19	21	14
	Total solar energy transmittance (Solar Factor) EN410 (%) <sup>(*)</sup>	g	64	64	55	63
	Shading coefficient (+g_DIN0.87) <sup>(*)</sup>	sc	0.74	0.73	0.64	0.73

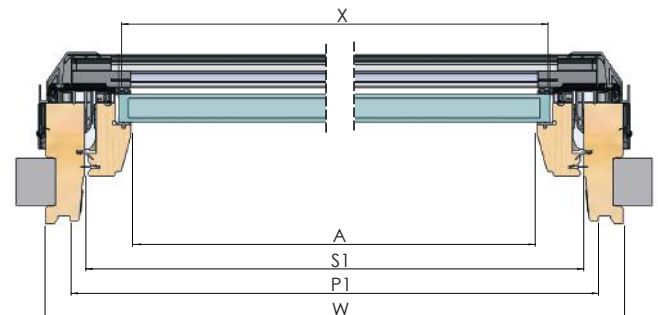
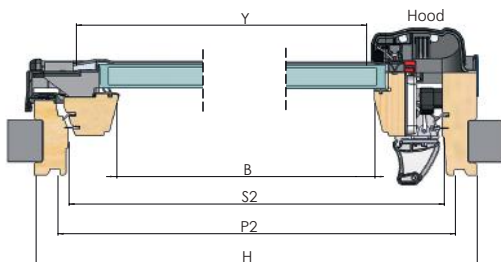
(\*) Incident Radiation from the outside    (\*\*) Incident Radiation from the inside

**Technical Information**

Window Type	Window Size	External Frame Size		Sash Size		Glazing Size		Visible Glazing Size		Plasterboard		Natural Daylight Area	Equivalent Ventilation Area	Structural Opening Size Required	
		(mm)		(mm)		(mm)		(mm)		(mm)		(m <sup>2</sup> )	(mm <sup>2</sup> )	(mm)	
		W	H	S1	S2	X	Y	A	B	P1	P2			W	H
WCP	01	550	780	460	690	396	593	370	558	496	720	0.206	3,879	590	820
WCPWTH*	02	550	980	460	890	396	793	370	758	496	920	0.280	3,879	590	1020
WCPWFE	01C	550	1180	460	1090	396	993	370	958	496	1120	0.354	3,879	590	1220
WCPWFE	03	660	1180	570	1090	506	993	480	958	606	1120	0.460	4,658	700	1220
WCPWFE	04	780	980	690	890	626	793	600	758	726	920	0.455	6,567	820	1020
WCPWFE	05	780	1180	690	1090	626	993	600	958	726	1120	0.575	6,567	820	1220
WCPWFE	06	780	1400	690	1310	626	1213	600	1178	726	1340	0.707	6,567	820	1440
WCPWFE	07F	940	1400	850	1310	786	1213	760	1178	886	1340	0.895	7,914	980	1440
WCPWFE	07	940	1600	850	1510	786	1413	760	1378	886	1540	1.047	7,914	980	1640
WCPWFE	08	1140	1180	1050	1090	986	993	960	958	1086	1120	0.920	9,597	1180	1220
WCPWFE	09	1340	980	1250	890	1186	793	1160	758	1286	920	0.879	11,281	1380	1020
WCPWFE	10	1340	1400	1250	1310	1186	1213	1160	1178	1286	1340	1.366	11,281	1380	1440
WCP	01XS	550	550	460	460	396	363	370	328	496	490	0.121	3,879	590	590
WCP	01S	550	700	460	610	396	513	370	478	496	640	0.177	3,879	590	740
WCPWFE	01F	550	1400	460	1310	396	1213	370	1178	496	1340	0.436	3,879	590	1440
WCPWFE	01G	550	1600	460	1510	396	1413	370	1378	496	1540	0.510	3,879	590	1640
WCP	03XS	660	550	570	460	506	363	480	328	606	490	0.157	4,658	700	590
WCP	03S	660	700	570	610	506	513	480	478	606	640	0.229	4,658	700	740
WCP	03A	660	780	570	690	506	593	480	558	606	720	0.268	4,658	700	820
WCPWTH*	03B	660	980	570	890	506	793	480	758	606	920	0.364	4,658	700	1020
WCPWFE	03F	660	1400	570	1310	506	1213	480	1178	606	1340	0.565	4,658	700	1440
WCPWFE	03G	660	1600	570	1510	506	1413	480	1378	606	1540	0.661	4,658	700	1640
WCP	04XS	780	550	690	460	626	363	600	328	726	490	0.197	6,567	820	590
WCP	04S	780	700	690	610	626	513	600	478	726	640	0.287	6,567	820	740
WCP	04A	780	780	690	690	626	593	600	558	726	720	0.335	6,567	820	820
WCPWFE	04G	780	1600	690	1510	626	1413	600	1378	726	1540	0.827	6,567	820	1640
WCP	07XS	940	550	850	460	786	363	760	328	886	490	0.249	7,914	980	590
WCP	07S	940	700	850	610	786	513	760	478	886	640	0.363	7,914	980	740
WCP	07A	940	780	850	690	786	593	760	558	886	720	0.424	7,914	980	820
WCPWFE	07B	940	980	850	890	786	793	760	758	886	920	0.576	7,914	980	1020
WCPWFE	07C	940	1180	850	1090	786	993	760	958	886	1120	0.728	7,914	980	1220
WCP	08XS	1140	550	1050	460	986	363	960	328	1086	490	0.315	9,597	1180	590
WCP	08S	1140	700	1050	610	986	513	960	478	1086	640	0.459	9,597	1180	740
WCP	08A	1140	780	1050	690	986	593	960	558	1086	720	0.536	9,597	1180	820
WCPWFE	08B	1140	980	1050	890	986	793	960	758	1086	920	0.728	9,597	1180	1020
WCPWFE	08F	1140	1400	1050	1310	986	1213	960	1178	1086	1340	1.131	9,597	1180	1440
WCPWFE	08G	1140	1600	1050	1510	986	1413	960	1378	1086	1540	1.323	9,597	1180	1640
WCP	09XS	1340	550	1250	460	1186	363	1160	328	1286	490	0.380	11,281	1380	590
WCP	09S	1340	700	1250	610	1186	513	1160	478	1286	640	0.554	11,281	1380	740
WCP	09A	1340	780	1250	690	1186	593	1160	558	1286	720	0.647	11,281	1380	820
WCPWFE	09C	1340	1180	1250	1090	1186	993	1160	958	1286	1120	1.111	11,281	1380	1220
WCPWFE	09G	1340	1600	1250	1510	1186	1413	1160	1378	1286	1540	1.598	11,281	1380	1640

\*Note: Top Hung only, not a fire escape window

**Cross Section**



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