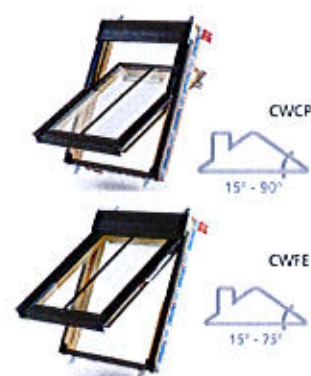


Conservation Roof Windows

The Keylite Conservation Roof Window is designed to complement both renovation and new build projects in a traditional site.



Features

- ▶ **Traditional Features** - The black central glazing bar and low profile external flashing maintain the traditional character of the building, whilst still accommodating the flow of natural light to the interior below. The glazing bar can be removed upon request.
- ▶ **Classic Design** - While traditional in its external appearance, the standard Conservation Roof Window benefits from all of the advanced Keylite features listed below.
- ▶ **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.
- ▶ **Flick-Fit Brackets** - Keylites 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.
- ▶ **Click-Fit Hood** - Simply click the hood under the clips and secure. The cover flashings now require 50% fewer screws than before.
- ▶ **Recessed Fit as Standard** - Every Keylite Futuretherm window is recessed as standard, sitting lower in the roof than ever before.
- ▶ **Low Profile Hood** - Keylite's new hood has a lower profile and features a more sculptured design, enhancing its appearance in the roof.
- ▶ **Warm Edge Glazing** - Every Keylite Futuretherm window now has a warm edge glazing unit as standard, to enhance the windows performance and reduce the occurrence of condensation.
- ▶ **Ventilation handle** - Keylite's slimline ventilation handle has a new contemporary style, designed to provide comfortable opening of both the window and the ventilation flap.
- ▶ **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.
- ▶ **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 top frame 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 pane.

Operation

- ▶ **CW-CP** - The Keylite Conservation 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.
- ▶ **CW-TH** - The Keylite Conservation Top Hung/ Fire Escape roof window is operated manually as standard, through rotating the handle, located along the bottom of the sash.

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** - Pine
White (WF)
- ▶ **Exterior** - Grey
Conservation Black (CW)



Installation and Accessory Products

- ▶ **Flashings** -
 - Single Installation:
 - Tile (CWTRF)
 - Deep Tile (CWDTRF)
 - Slate (CW-SRF)
 - Plain Tile (CW-PTRF)
 - Corrugated Roof (CW-CRF)
 - Combination Installation:
 - Combi Tile (CW-CTRF)
 - Combi Slate (CW-CSRF)
 - Combi Plain Tile (CW-CPTRF)
 - Bi-Lite Tile (CW-BLTRF)
 - Bi-Lite Slate (CW-BLSRF)
 - Quad Lite Tile (CW-QLTRF)
 - Quad Lite Slate (CW-QLSRF)
- ▶ **Installation Products** -
 - Underfelt Collar (FC)
 - Vapour Collar (VC)
- ▶ **Accessories** -
 - 2 meter window pole (WP2M)
 - 3 meter window pole (WP3M)
 - Premium electric kit (PEK1W)
 - Standard electric kit (SEK1W)
 - Opening restrictor (OR)
 - Security lock (SL)
- ▶ **Blinds** -
 - Integral Blind (I-CP)
 - Dim out Blind (SA/D)
 - Black out Blind (SA/B)

Window Sizes (WxH)	550x780	550x980	660x1180	780x1180	780x1400	1340x980	550x980	660x1180	780x1180	780x1400
Pine Finish										
Thermal Product Code	Centre Pivot					Top Hung	Fire Escape			
	CW-CP-01-T	CW-CP-02-T	CW-CP-03-T	CW-CP-05-T	CW-CP-06-T	CW-CP-09-T	CW-TH-02-T	CW-FE-03-T	CW-FE-05-T	CW-FE-06-T
Hi Therm Product Code	-	CW-CP-02-HT	CW-CP-03-HT	CW-CP-05-HT	CW-CP-06-HT	CW-CP-09-HT	CW-TH-02-HT	CW-FE-03-HT	CW-FE-05-HT	CW-FE-06-HT
White Finish										
Note: To order White Finish please insert the reference "WF" to the code ie. CW-WF-CP-04-T.										

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

Glazing

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

Centre pane **U-Value = 1.0 w/m²K.**

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

Centre Pane **U-Value = 1.0 w/m²K.**

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

Centre pane **U-Value = 0.6 w/m²K.**

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

Centre pane **U-Value = 1.0 w/m²K.**

Maintenance

- ▶ The glazing pane of a Keylite Centre Pivot 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	Hi-Therm	Triple Glazed
UV	transmittance (%)	t_{UV}	= 35,0	= 3,7	= 19,9
	transmittance for standard Illuminant D65 (%)	t_v	= 80,1	= 79,5	= 70,9
	reflectance for standard Illuminant D65 (%) (*)	ρ_v	= 12,2	= 12,2	= 15,2
	reflectance for standard Illuminant D65 (%) (**)	ρ_v	= 12,3	= 12,2	= 17,8
	general colour rendering index (%)	R_a	= 97,4	= 97,1	= 95,6
Energy	solar direct transmittance (%)	t_e	= 54,5	= 51,4	= 41,8
	solar direct reflectance (%) (*)	ρ_e	= 28,8	= 28,7	= 33,3
	solar direct reflectance (%) (**)	ρ_e	= 27,8	= 23,8	= 30,9
	solar direct absorption (%) (*)	a	= 16,7	= 19,9	= 24,9
	secondary internal heat transfer factor (%) (*)	q_i	= 8,3	= 11,1	= 11,0
	total solar energy transmittance (solar factor) EN 410 (%) (*)	g	= 62,8	= 62,5	= 52,7
	total solar energy transmittance (solar factor) DIN 67507 (%) (*)	g	= 59,8	= 59,5	= 49,8
	shading coefficient (e.g. DIN 67507) (%)	sc	= 0,69	= 0,68	= 0,57

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