

Vertical Bi-Lite Window System

The Keylite Vertical Bi-Lite is a vertical window combined with a Keylite Roof Window to produce an attractive glazing feature.



Features

- ▶ **Complete Kit** - Within the Keylite Vertical Bi-Lite System the following are included:
 - ▶ Vertical element and application of your choice.
 - ▶ All associated Vertical Bi-Lite flashings required.
 - ▶ Roof windows of your choice.
- ▶ **Flexibility** - The Keylite Vertical Bi-Lite System is available throughout the entire Keylite Roof Window range. The Vertical element can be provide fixed shut, tilt only or tilt and turn depending on the application required.
- ▶ **Futuretherm Technology** - All Keylite Vertical Bi-Lite System are now provided with Keylite's new innovative **Futuretherm** Technology.
- ▶ **Operation** - The vertical element is opened with a handle at the top or side of the sash depending on the application required. The Roof Windows can be operated manually or alternatively with Keylite Electric Operation.
- ▶ **Appearance** - Seamless combination at eaves level due to Keylite's unique flashing.

Installation and Accessory Products

- ▶ **Accessories**
 - 2 metre window pole (WP2M)
 - 3 metre window pole (WP3M)
 - Premium electric kit (PEK1W)
 - Standard electric kit (SEK1W)
 - Opening restrictor (OR)
 - Security lock (SL)
- ▶ **Blinds**
 - Integral Blind (I-CP or I-TH)
 - Dim out Blind (SA/D)
 - Black out Blind (SAVB)

Vertical Bi-Lite Sizes and Dimensions

Length of Roof Window(s) (mm)	980, 1180, 1400
Height of Vertical Window(s) (mm)	600, 950
Width of Vertical Bi-Lites (mm)	
Single	780
Double	780
Triple	780
Pitch	Min 20°, Max 55°
Tilt + Turn is only available on 780mm wide, 950mm high vertical windows (single, double & triple)	

For VBL Systems outside the above please contact Keylite Sales Team

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.

Maintenance

- ▶ The glazing pane of a Keylite 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.

Finish Options

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

Guarantee

- ▶ **10 Years** - Keylite's hassle free guarantee on windows and all associated flashings.
- ▶ **3 Years** - Keylite's hassle free guarantee on blinds, accessories and electrics.
- ▶ **U Value** - Thermal & Hi-Therm Glazing: 1.3 w/m²K, Triple Glazed: 1.0 w/m²K

			
	Single	Double	Triple
(nominal) WxH mm	780mm Wide	1570mm Wide	2370mm Wide
PINE FINISH			
H = 600mm tilt only	VBL-780X600-T	DVBL-780X600-T	TVBL-780X600-T
H = 950mm tilt only	VBL-780X950-T	DVBL-780X950-T	TVBL-780X950-T
H = 950mm tilt+turn	VBL-780X950-TT	DVBL-780X950-TT	TVBL-780X950-TT
WHITE FINISH			
To order White Finish please insert the reference "WF" to the code ie. VBL-WF-780X950-TT			

Technical Information

Vertical Element Cross Section

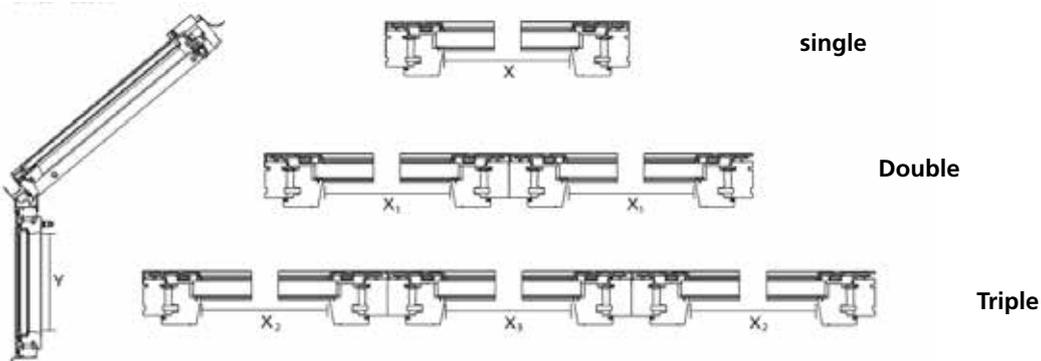
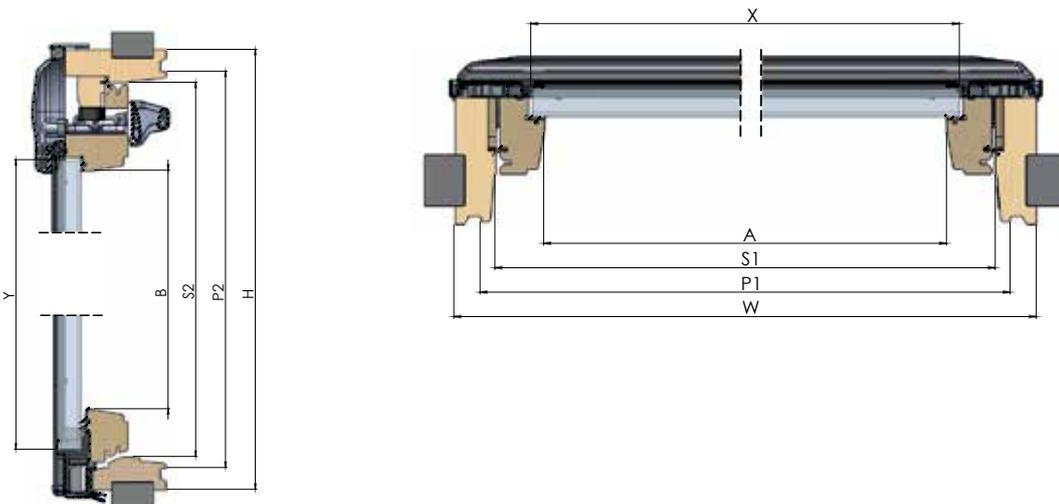


Table to show the visible Glazing, vertical window of a vertical bi-lite

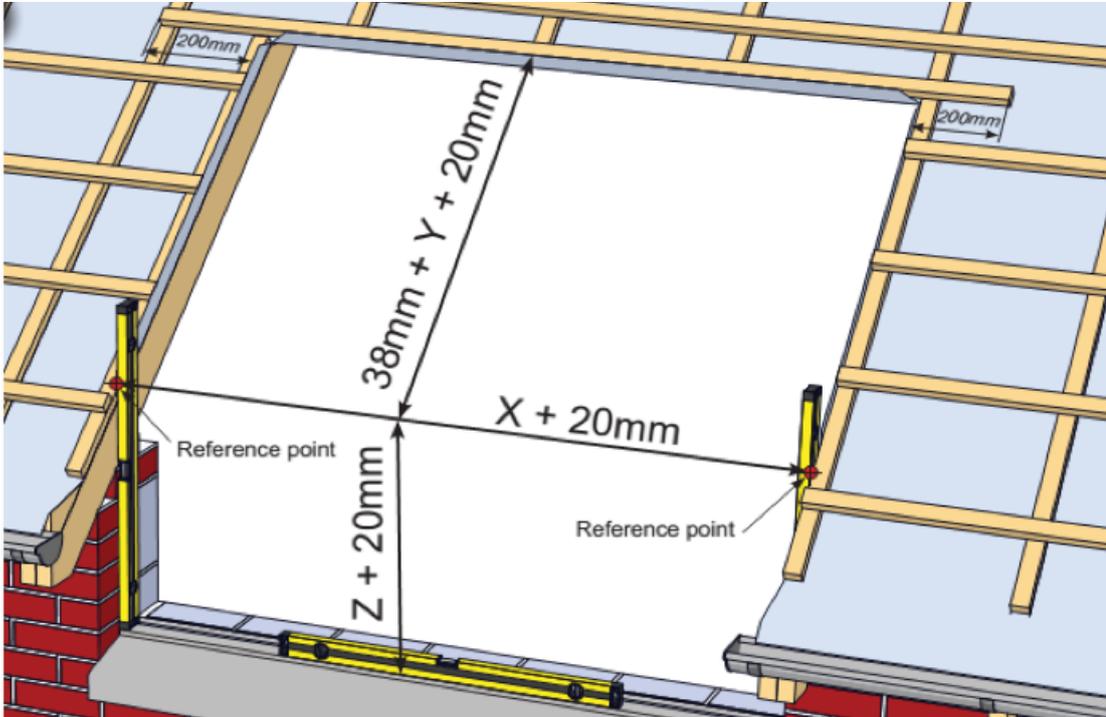
vertical window size	Single		Double		Triple		
	x 200mm	y	y	x ¹	y	x ²	x ³
600	565 200mm	385	355 575mm	585	385	595	615
950	565 200mm	735	735 643mm	585	375	595	615

Roof Window Cross Section



Technical Information

Structural Opening Sizes



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