

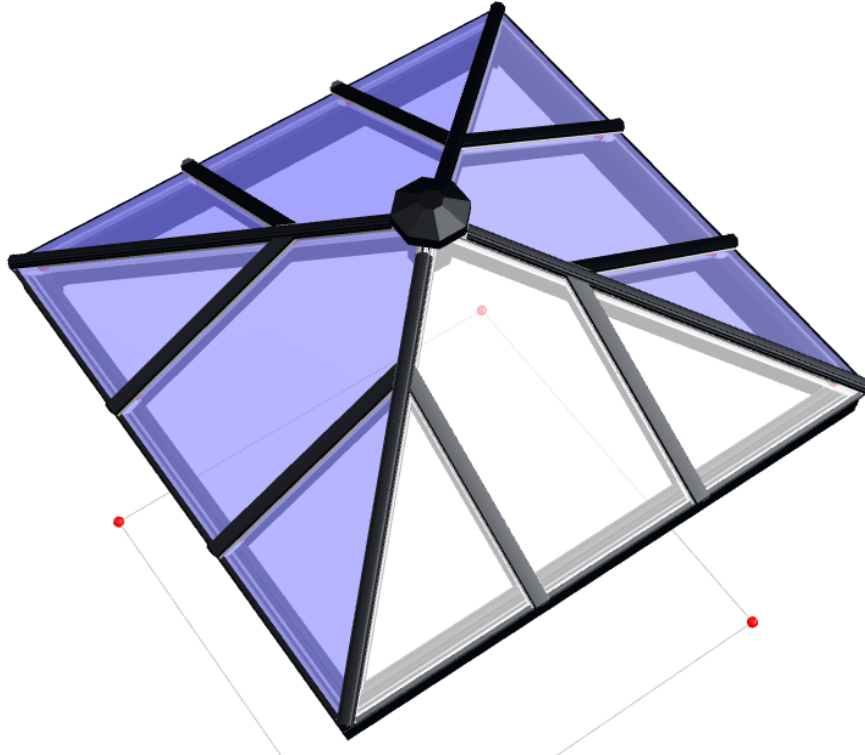
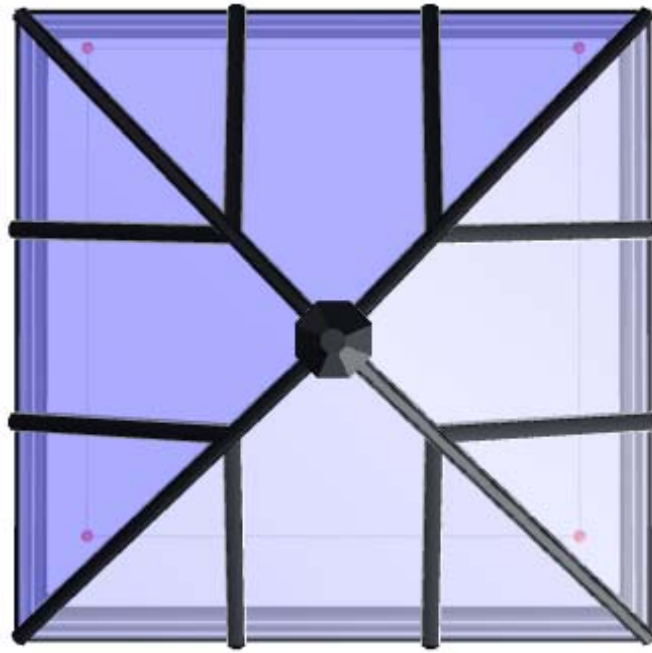


## **PYRAMID ROOFLIGHTS**

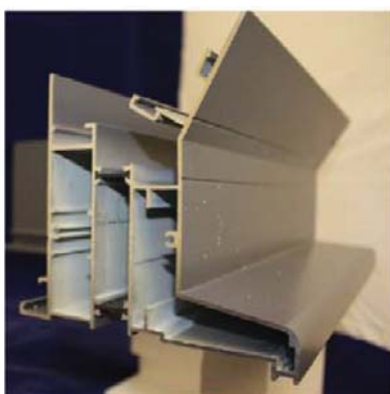
THERMALLY BROKEN ALUMINIUM  
ROOFLIGHTS

(Scaled 3D Image) Roof Light 1550mm x 1550mm @ 30 Deg Pitch

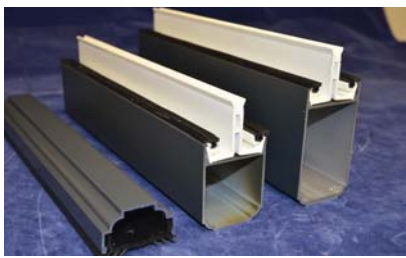
External View



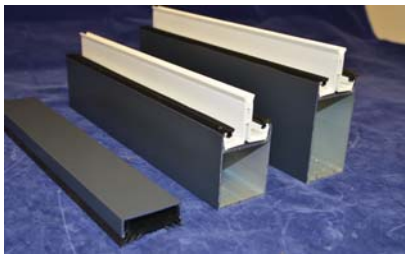
TYPICAL KERB DETAIL



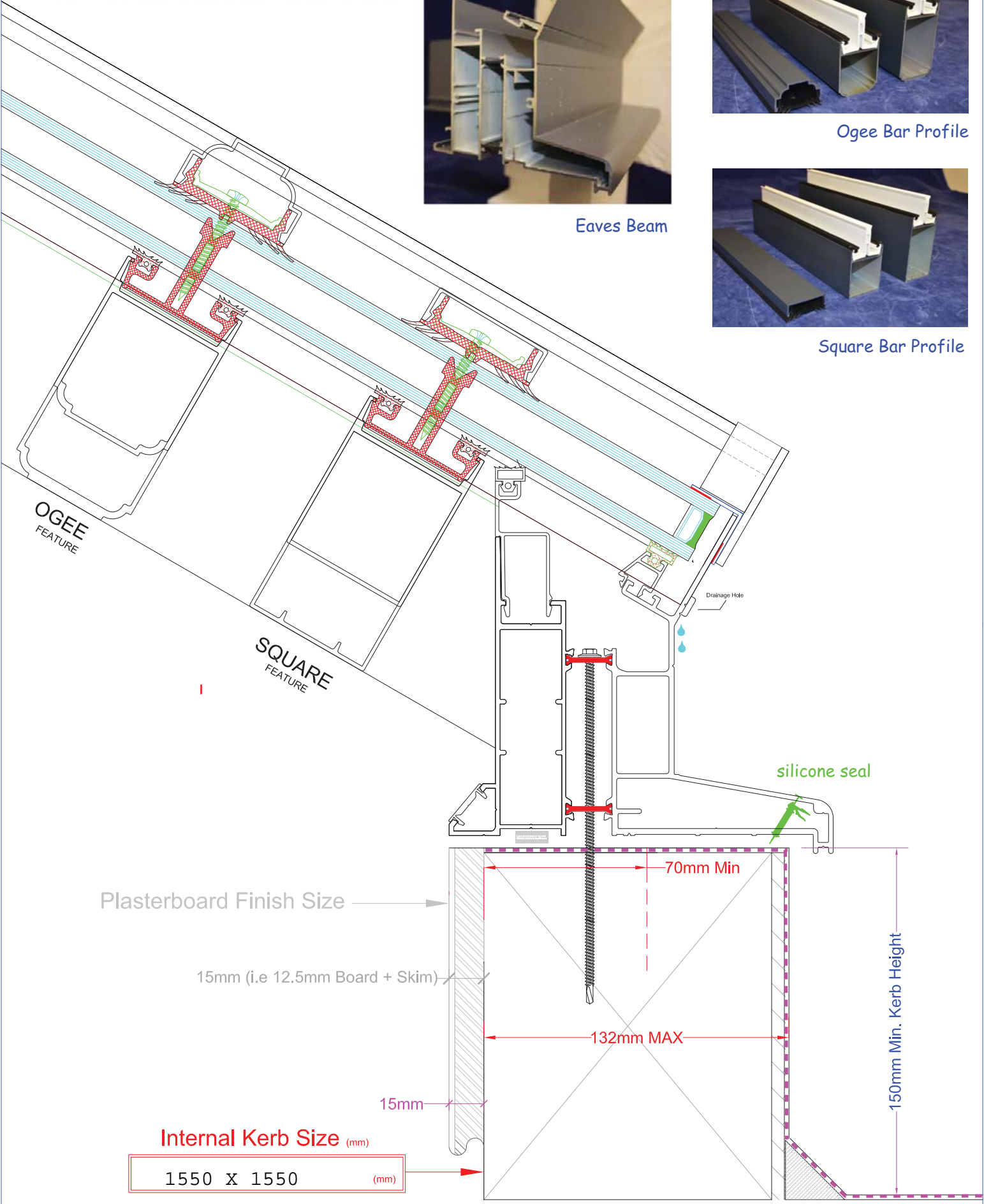
Eaves Beam



Ogee Bar Profile



Square Bar Profile

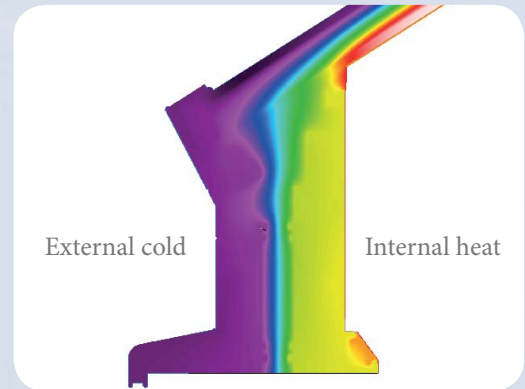


# *Natural choice for natural light*

## What does thermally broken mean?

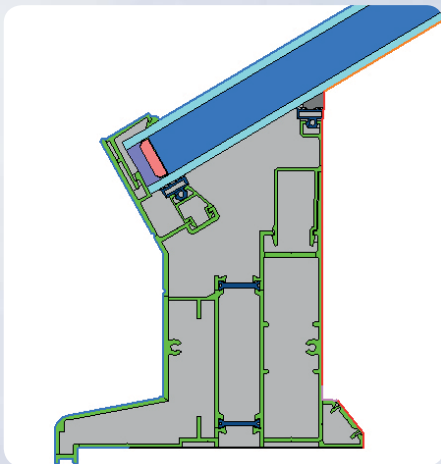
Our system is one of the most thermally efficient systems available on the market.

Both internal and external components are completely isolated from each other by means of either polyamide strip, thermal barriers, insulation and isolators, so there are no cold bridges, thus reducing temperature transfer to a bare minimum.



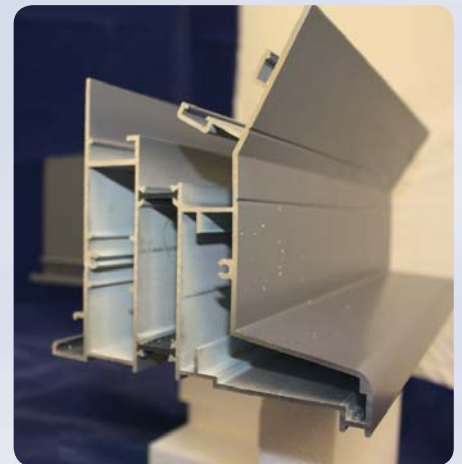
Eaves Beam

Please make sure you notice these features when comparing us to other 'so called' thermally broken roof systems that are available on the market.



Eaves Beam

Another key feature bespoke to our system is that both the glass and glazing bar system does not project outside our eaves beam, i.e. reducing a cold bridge even further.



Eaves Beam

With lower thermal U values in mind our standard glazing material is 28mm double glazed units, with a centre pane U value of 1.2 W/m<sup>2</sup>. This U value can be further reduced to an outstanding 0.7 W/m<sup>2</sup> by using 50mm triple glazed option (dependant on roof style).

Designing a roof to lower U values even further is achieved by maximizing glass area (maximum glass to aluminium ratio), i.e. the least amount of glazing bars possible.



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## Pyramid Rooflights



Pyramid rooflights 1.9 metres wide at 30 degree pitch



Pyramid rooflights varying sizes all at 30 degree pitch



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Ref 20788 - Banatvala

Pyramid rooflight Int dims : 1600mm x 1600mm

Colour : Ral 7016 Satin

Pilkington Activ Neutral Glass

Mounted on pistons to raise entire rooflight

30 Degree pitch

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Ref 14212 - Abbotts

Pyramid rooflight int dims : 1800mm x 1800mm

Colour : Ral 5014 satin

Pilkington Activ Blue Glass

I No. Trapezoidal Vent

30 Degree pitch



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Ref 20036 - Harpoint

Pyramid rooflight int dims : 3805mm x 3805mm

Colour : Ral 9011 Matt

Pilkington Activ Blue Glass

30 Degree pitch



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Ref 14212 - Aspect

Pyramid rooflight int dims : 4000mm x 4000mm

Colour : Ral 9010 Satin

Pilkington Activ Blue Glass

30 Degree pitch

*Natural choice for natural light*



Ref 1525 (20095) Orangery Solutions

Pyramid rooflight int dims : 6270mm x 6270mm

Colour : Ral 9010 Satin

Pilkington Activ Clear Glass

17 Degree pitch

4 Electrically operated vents



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Pyramid rooflight 5.1 metres wide at 30 degree pitch with electrical vents

Our pyramid rooflights are made to the same high standards as all our rooflight systems.

As with our double hipped rooflights pitches from 15 to 45 degrees are available.

Manufactured to your required size and specification.

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## Roof Vents



Roof vents are purpose made to your exact requirements and can accommodate glass thicknesses from 6mm to 50mm (28mm is our standard).

Powder Coated to any standard RAL colour of your choice.

Manual, 230 Volt or 24 Volt electrical operation options available.



100T Digital control panel with rain sensor and thermostat



Electrical chain motor



Manual worm gear



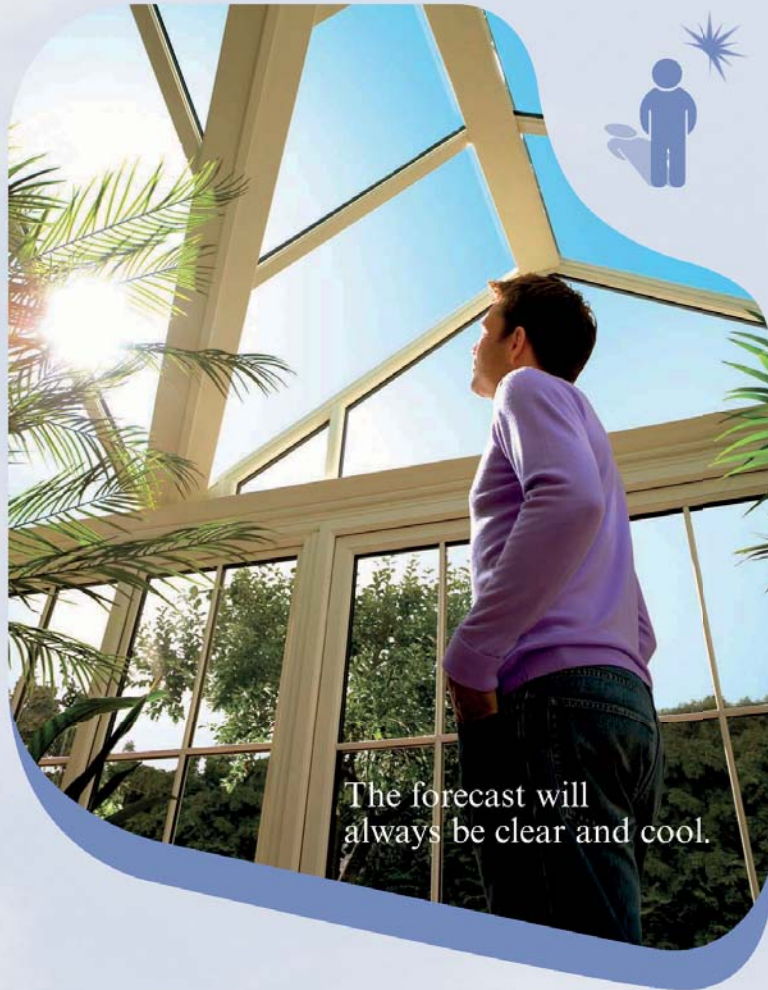
On/Off Retractive switch





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## Glass Options



There's an abundance of different glass specifications to choose from.

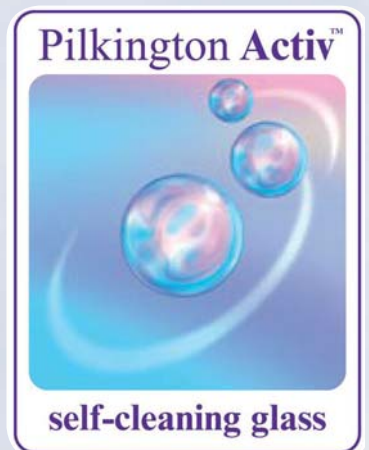
Our preferred supplier is Pilkington Glass as they are an established company and household name.

Our standard specification for glass is 28mm Clear toughened double glazed units (with a centre pane U value of 1.2 W/m).

However, we do offer a 50mm triple-glazed unit option (with a centre pane U value of 0.7 w/m<sup>2</sup>)

Glass upgrades such as Activ Self Cleaning and also Activ Blue or Neutral (Grey) Solar controlled options are available just to name a few.

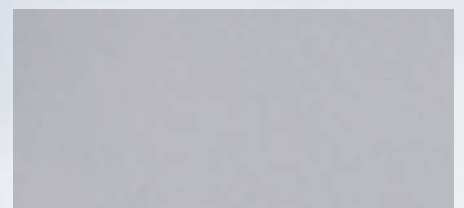
Glass samples and more technical information available on request.



Clear Activ



Solar Blue Activ

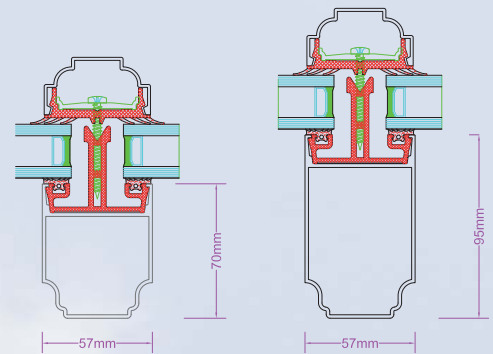
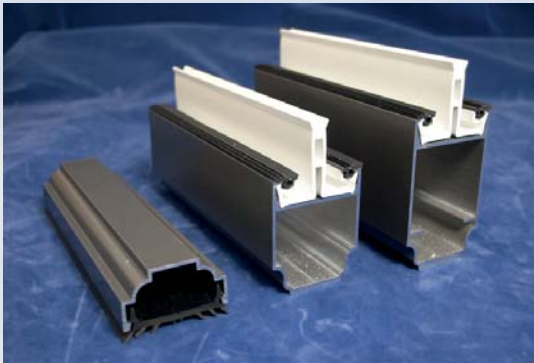


Solar Neutral Grey Activ

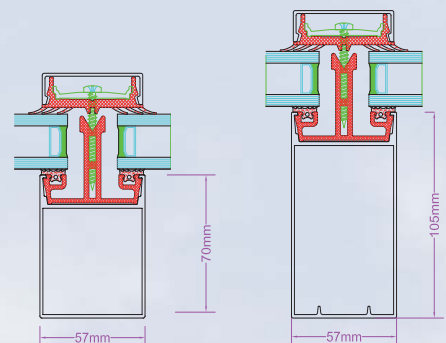
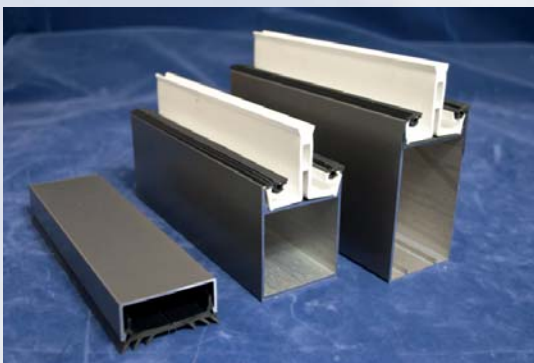
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# Profile choices

Ornate Profile



Square Profile



Samples available upon request



Dimensions :- 6250mm x 6250mm





Dimensions 5000mm x 5000mm x 30 degree





Dimensions 3900mm x 3900mm 30 Deg





## Common roof light layouts

### Using 4mmx20mmx4mm 28mm DG Units

	1000mm	1500mm	2000mm	2500mm	3000mm	3500mm	4000mm	4500mm	5000mm	5500mm	6000mm
1000mm											
1500mm											
2000mm											
2500mm											
3000mm											
3500mm											
4000mm											
4500mm											
5000mm											
5500mm											
6000mm											

### Using 6mmx16mmx6mm 28mm DG Units

	1000mm	1500mm	2000mm	2500mm	3000mm	3500mm	4000mm	4500mm	5000mm	5500mm	6000mm
1000mm											
1500mm											
2000mm											
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