

# ROOF MAKER

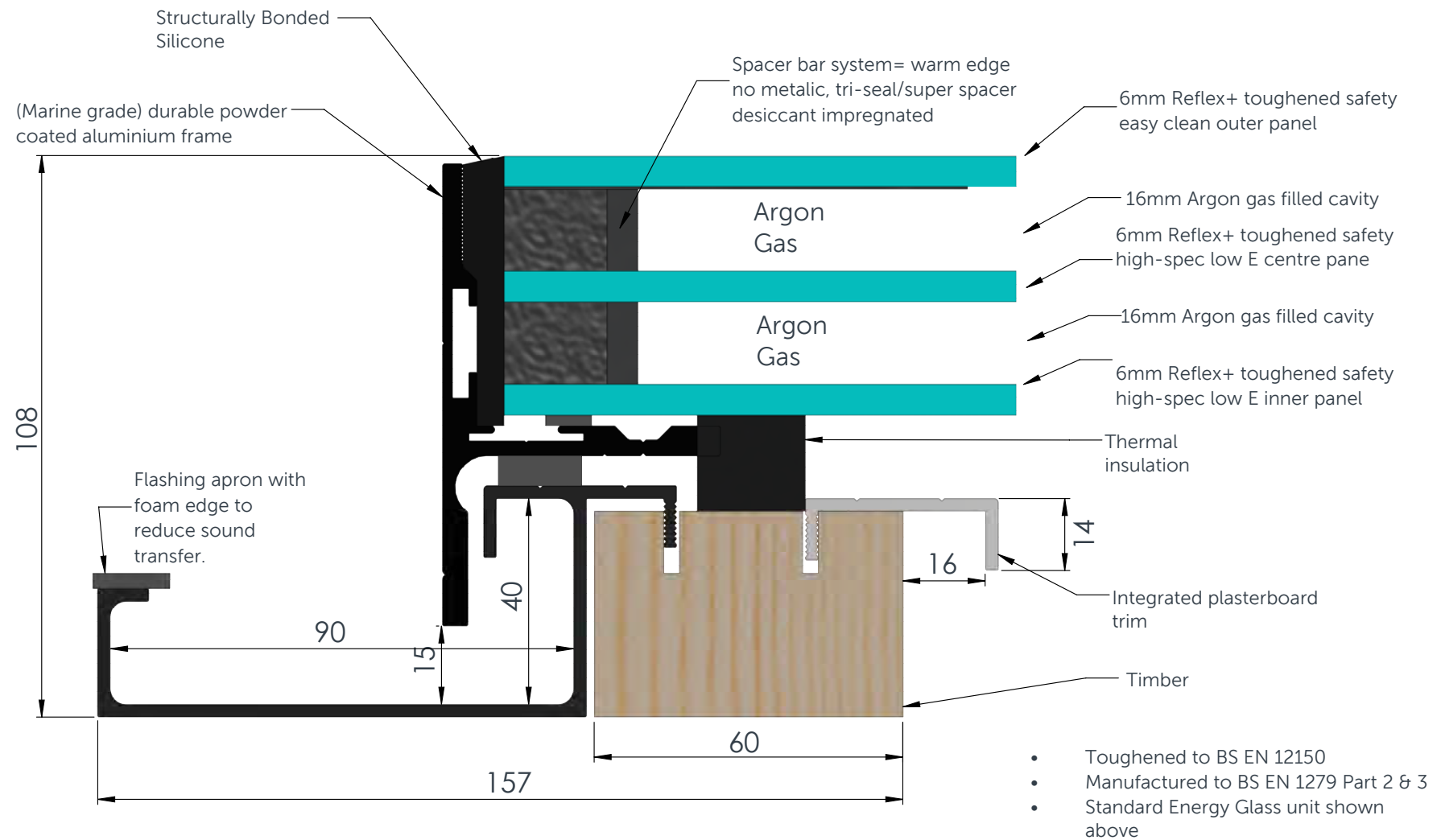
WORLD CLASS ROOFLIGHTS



PRODUCT SPECIFICATION AND INSTALLATION GUIDE

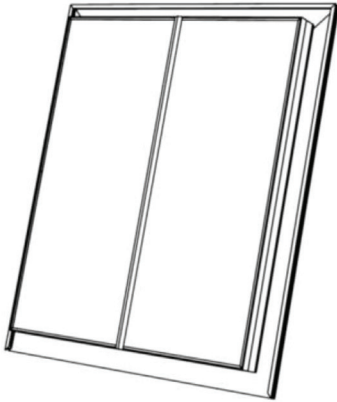
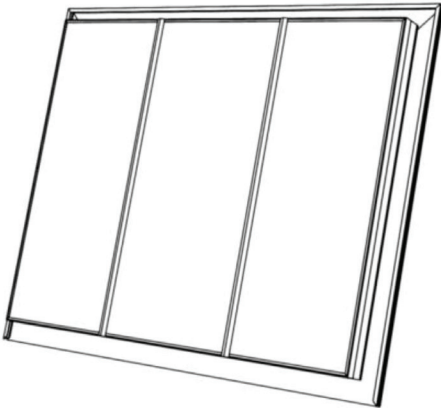
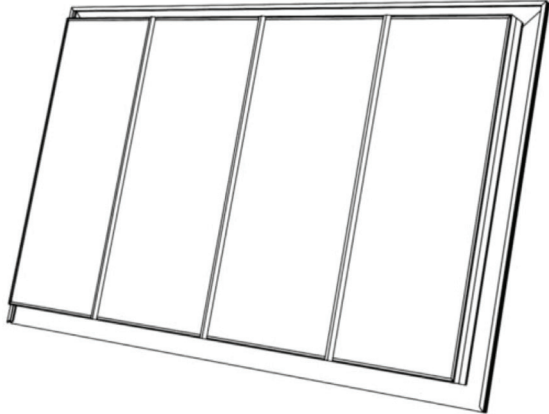
FIXED CONSERVATION LUXLITE™

## FIXED CONSERVATION LUXLITE™: STANDARD PRODUCT SPECIFICATION



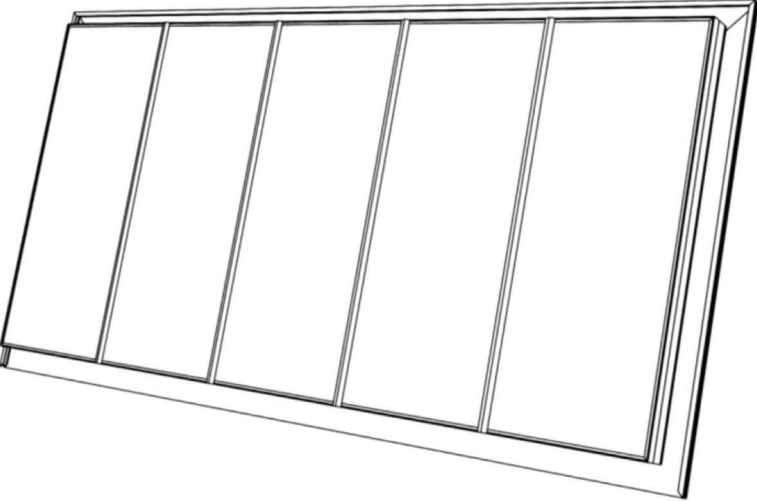
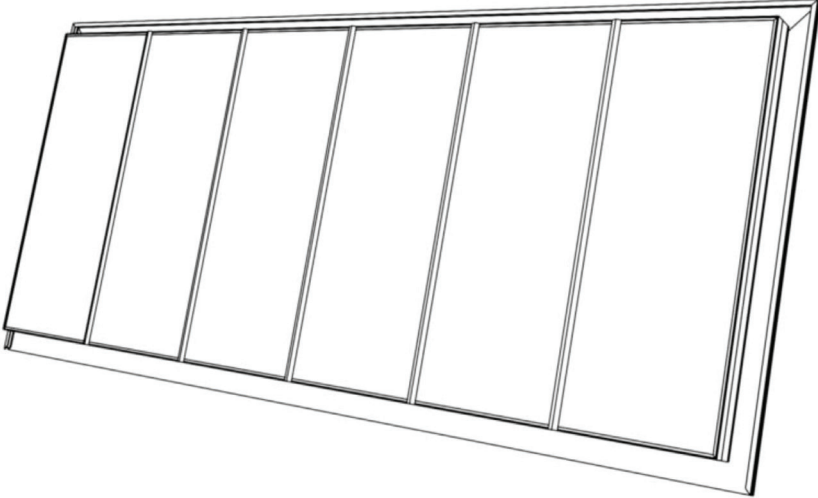
CONSERVATION LUXLITE™: SPLIT BAR CONFIGURATION GUIDE

This guide shows the number of split bars that will be structurally bonded to the surface of the glass as standard, which is dependent on the width of your Conservation Luxlite™. This will be the same for both fixed and opening variations. However, the number of split bars can be increased or decreased based on your specific requirements, which can be discussed with a member of the sales team when you make an enquiry.

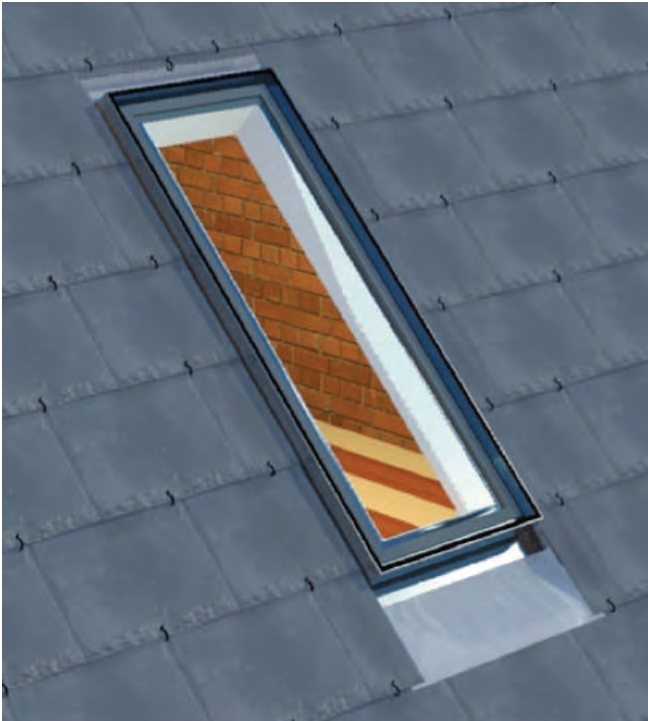
Number of split bars:	1 split	2 splits	3 splits
Width of rooflight:	400mm - 1000mm	1001mm - 1500mm	1501mm - 2000mm
Image:			

Continued overleaf...

CONSERVATION LUXLITE™: SPLIT BAR CONFIGURATION GUIDE

Number of split bars:	4 splits	5 splits
Width of rooflight:	2001mm - 2500mm	2501mm - 3000mm
Image:		

## FIXED CONSERVATION LUXLITE™: INSTALLATION INSTRUCTIONS



### ON DELIVERY OF YOUR NEW FIXED CONSERVATION LUXLITE™, YOU WILL RECEIVE;

- Fixing brackets and screws (come packaged in a cardboard box)

### IN ADDITION, YOU WILL NEED;

- Silicone Adhesive Sealant (high quality; Dow Corning 791 recommended)
- Drill, bits and screws as required
- Materials to prepare a wedge (*as outlined in the guide*)
- Lead flashing - code 4 recommended or suitable alternative (*as outlined in the guide*)

### INSTALLATION GUIDE

Please make sure you read through all steps and understand all requirements before beginning assembly.

Please adhere to the correct guidelines for moving heavy objects and working at height. Be sure to use the correct lifting equipment.

**PLEASE NOTE:** You must not use glass suction pads to lift the unit on to the roof, as this can compromise the glazing seal. The unit will come with timber feet attached to the four corners, which we suggest should be used to handle the unit. If the use of a crane is required, either securely place the unit on to a pallet or attach additional timber to the existing timber feet, so the crane straps can be looped around securely. Avoid putting pressure on the built in flashing apron.

GUIDE WEIGHTS Triple Glazed	
Size (mm)	Weight (kg)
400x400	27
600x600	43
900x700	63
1400x700	88
1000x1000	87
1500x1000	120
2000x1000	152
2400x1000	178
3000x1000	217
1500x1200	138
2000x1200	175
2400x1200	205

PLEASE NOTE - weights stated can vary and work to a +/- 10% tolerance. We can provide weights for sizes not listed



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Mon-Fri 9-5pm

## STEP ONE

### FIT TRIMMERS TO YOUR RAFTERS

The internal dimensions of the aperture created by your trimmers and rafters should match the size of the Luxlite™ you ordered. (e.g. for 2000x1000mm Luxlite™, the internal dimensions of your aperture should be 2000x1000mm).

Fit trimmers across the rafters adjacent to the aperture, and a beam across the trimmers, as shown. These additional structural members will support the tile battens around the rooflight.

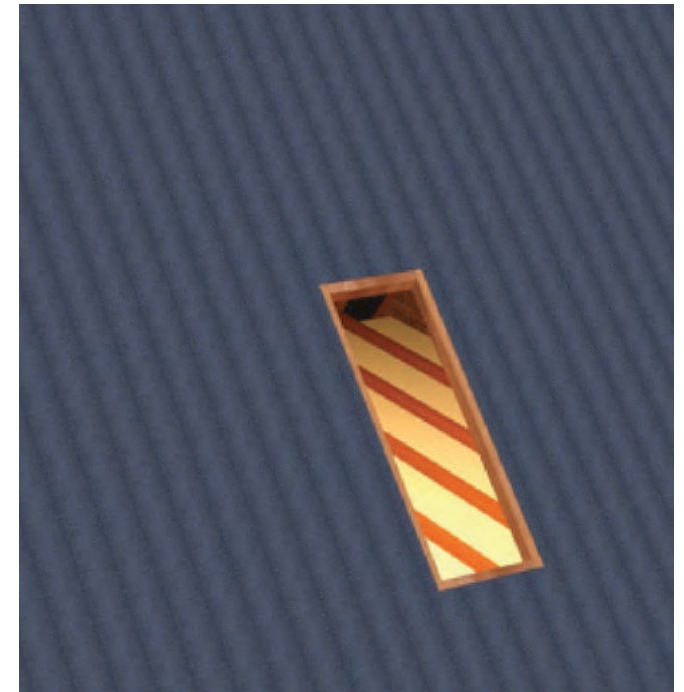


Internal aperture

## STEP TWO

### FIT UNDERFELT TO YOUR ROOF

Fit underfelt to your roof. The underfelt should extend to the rim of the aperture where your Luxlite™ will be installed. Seal the underfelt to the timber around the aperture.



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## STEP THREE

### PREPARE AND FIT A WEDGE BELOW THE APERTURE

The bottom of the wedge should meet level with the tiles that will be installed later. This can be determined by trial fitting the Luxlite™ assembly. The wedge should be at least as wide as the Luxlite™ apron. The position and angle of the wedge is dependent on the roof type set out.



## STEP FOUR

### COVER THE WEDGE WITH FLASHING

Cover the wedge installed in the previous step with flashing (flashing and wedge not provided). The flashing width should be at least 100mm (either side) greater than the Luxlite™ apron. It is also important that the highlighted edge of the flashing (left) is tucked underneath the Luxlite™ apron.

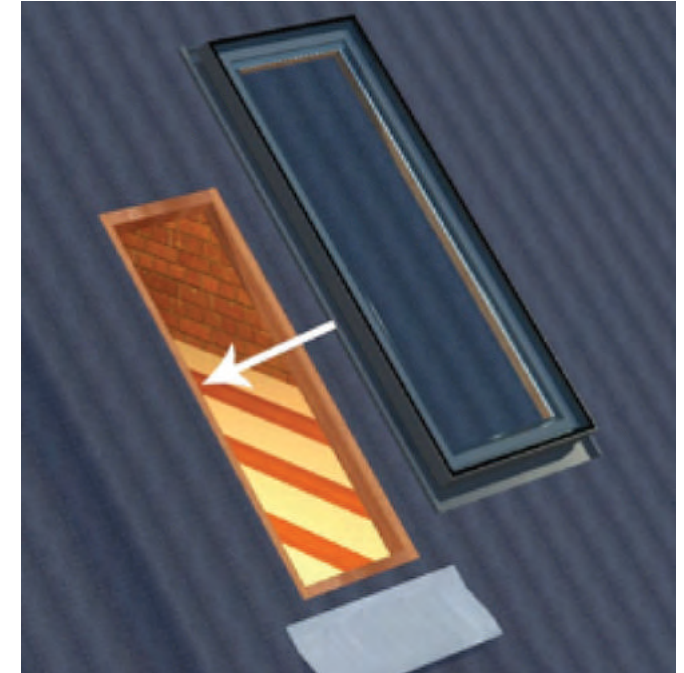


## STEP FIVE

### BRING YOUR LUXLITE™ INTO POSITION

Bring your Luxlite™ into position and align it so that it is centred on your aperture.

Seal the interface between the Luxlite™ and the aperture with silicone.





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## STEP SIX

### FIX YOUR LUXLITE™ TO YOUR ROOF

Use the screws and brackets provided to fix your Luxlite™ to your roof. You should have enough brackets to fix the rooflight at approx. 500mm centres around the internal perimeter.



## STEP SEVEN

### FIT TILE BATTENS TO YOUR ROOF

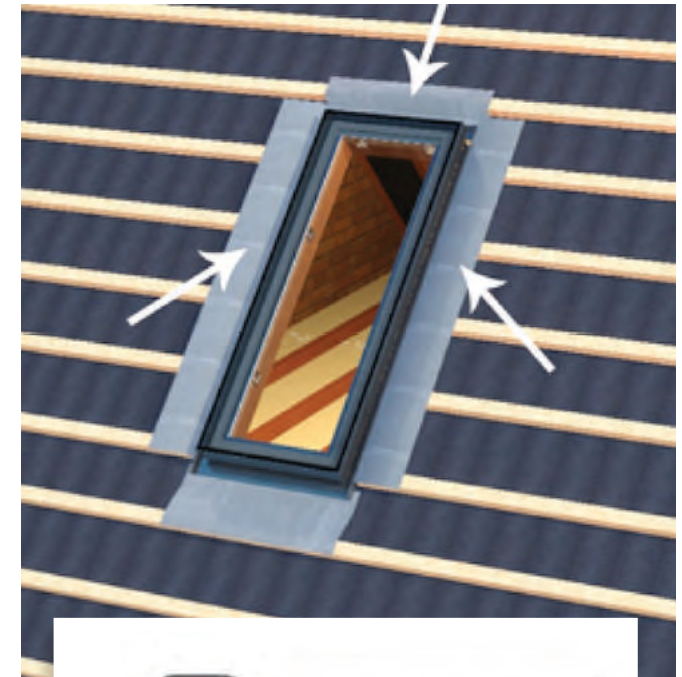
Tile battens can now be fitted to your roof. The battens should be flush with the edge of the Luxlite™ aluminium apron.



## STEP EIGHT

### FIT FLASHING TO COVER THE BATTENS

Seal the flashing beneath the lip of the apron and drape over battens. Tiles will sit over this flashing.





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## STEP NINE

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### FIT TILES TO YOUR ROOF

You are now free to fit tiles to your roof. The Luxlite™ has been designed so that your roof tiles can overlap the apron, leaving little aluminium exposed for a minimalistic aesthetic.



## STEP TEN

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### PLASTERBOARD TO FINISH YOUR LUXLITE™ ASSEMBLY

Apply plasterboard to the internal faces of your aperture. The plasterboard is to be applied up to the internal trim of the Luxlite™ (for plastering finish guidelines, please follow the roof section fitting guide, included on page 9).

Your Conservation Luxlite™ is now fully installed.



## ROOF SECTION FITTING GUIDE

