

# ROOF MAKER

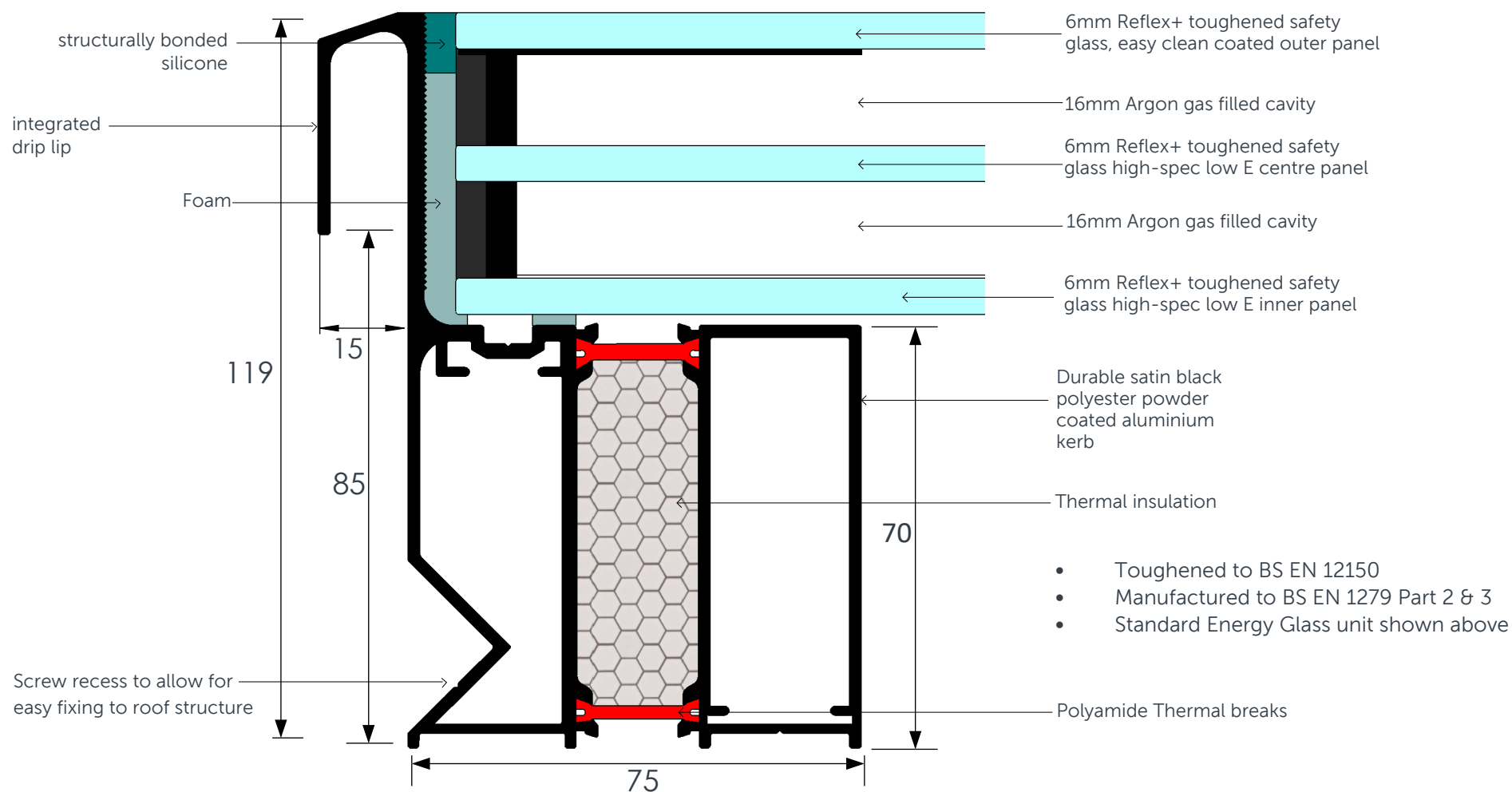
WORLD CLASS ROOFLIGHTS



PRODUCT SPECIFICATION, PREPARATION OF ROOF AND FINISHING GUIDE:

FIXED FLAT MODULAR ROOFLIGHTS BEING INSTALLED BY ROOF MAKER

## STANDARD PRODUCT SPECIFICATION: FIXED FLAT MODULAR ROOFLIGHT



## PREPARATION OF ROOF AND FINISHING GUIDE: FIXED FLAT MODULAR ROOFLIGHTS BEING INSTALLED BY ROOF MAKER

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### INTRODUCTION

This guide outlines the timber kerb requirements that you will need to form around the opening in your roof in advance, for customers who've opted for Roof Maker to install their flat modular rooflight.

We also explain the flashing requirement needed for the kerb and rooflight following the installation - the fixing of which is the responsibility of your builder/roofing contractor.

It takes the Roof Maker installation team two days to fit a flat modular rooflight, as explained below:

- Day 1, the team will install and glaze the rooflight and also fully seal it with silicone
- Day 2 is for finishing, which will include removing any excess silicone from the surface of the glass and frame.

**PLEASE NOTE** - We advise the flashing of the kerb and rooflight is carried out on day one, after the rooflight is installed by our team. This will not affect the work required on day two when the installers return. This ensures the unit is fully weatherproofed, as per our guidelines.

If you have purchased a timber kerb from Roof Maker and opted for us to install, we will also fit the timber kerb to the roof, prior to installing the rooflight. However, it will remain your builder/roofing contractor's responsibility to flash the kerb and rooflight when installation is complete.

Please be aware, Roof Maker's installation teams do not carry out any electrical works - If blackout blinds have been purchased, a qualified electrician must complete the wiring after the rooflight has been installed. There is a blackout blind wiring guide available which we can provide, or is available to download in the technical section on our website. This also outlines the additional components that you will receive, such as the remote control and power pack.

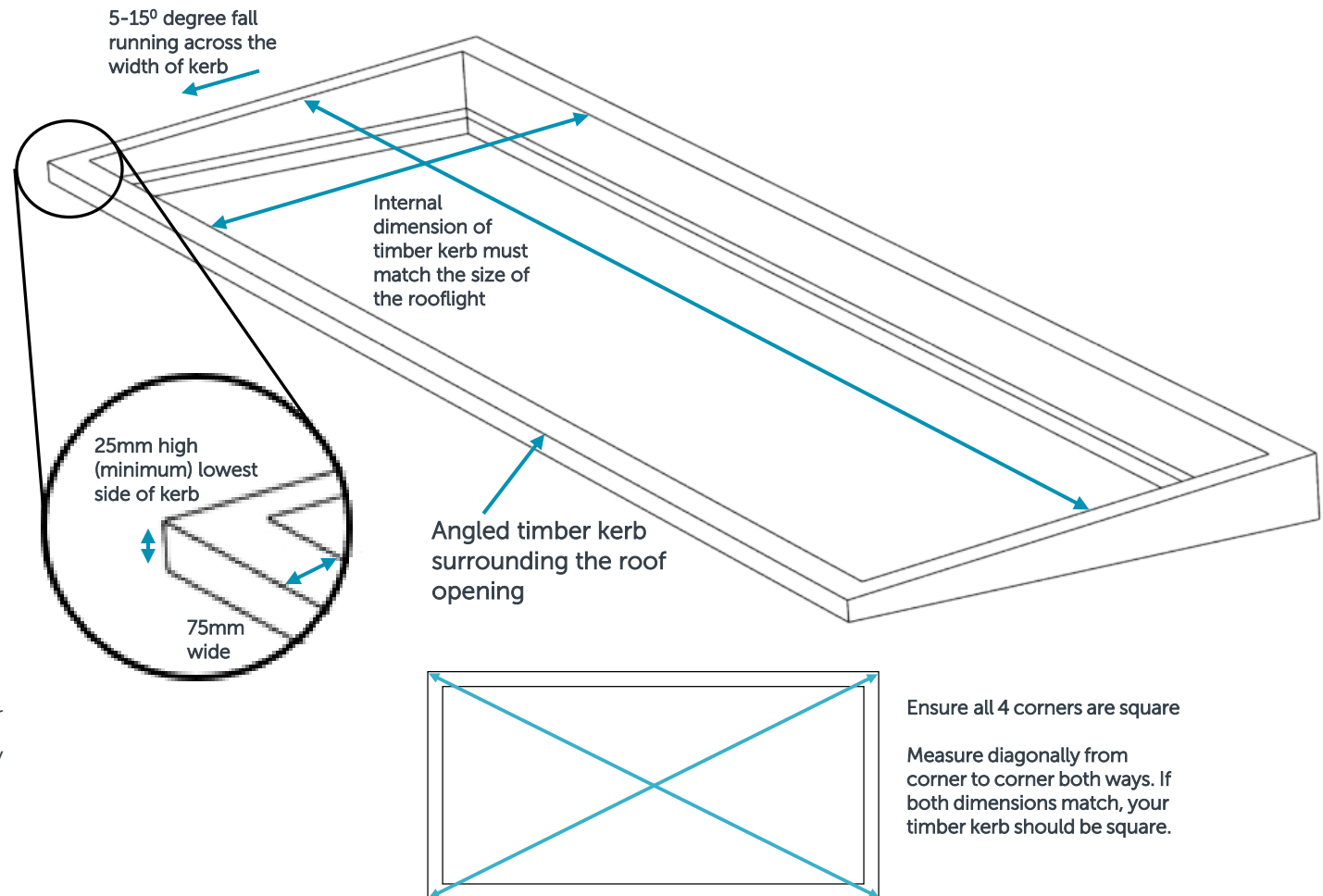
## PREPARATION OF ROOF AND FINISHING GUIDE: FIXED FLAT MODULAR ROOFLIGHTS BEING INSTALLED BY ROOF MAKER

### STEP 1 – PREPARING YOUR TIMBER KERB

Create the structural opening in your roof at the same size of your rooflight. So, for a 3000mm x 2000mm rooflight, the structural opening must measure 3000mm x 2000mm.

Now build an angled timber kerb around the opening you have formed in the roof, measuring 75mm in width, with a minimum height of 25mm at the lowest point from roof level (this can be increased if required). There should be a minimum 5° (maximum 15°) fall across the width of the timber kerb to allow water runoff. The internal dimensions of your kerb should also match the size of the rooflight/structural opening.

Lastly, measure diagonally from corner to corner to ensure the kerb is perfectly square before fully fixing to the roof.



Ensure all 4 corners are square

Measure diagonally from corner to corner both ways. If both dimensions match, your timber kerb should be square.



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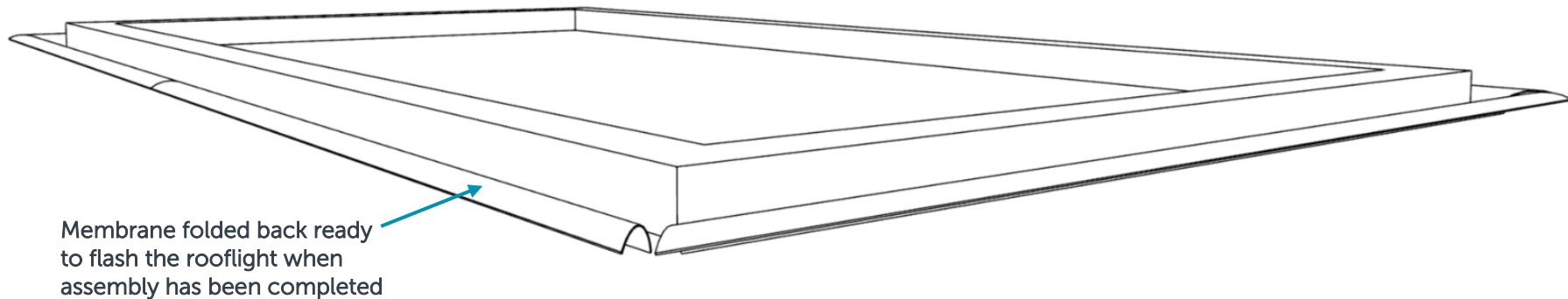
## STEP 2 – ROOF MEMBRANE

We recommend that you add the roof membrane to the roof after the rooflight has been installed.

If you are applying the roof membrane to the roof in advance, we recommend you leave enough excess membrane around your prepared timber kerb, to flash the rooflight following the installation, as per our guidelines.

Ensure the membrane is folded back suitably, so our installation team can get to the timber kerb to fix the rooflight in place.

For certain types of roof membrane such as GRP, leaving excess is not an option, so in this instance we recommend the roof membrane is applied after installation.



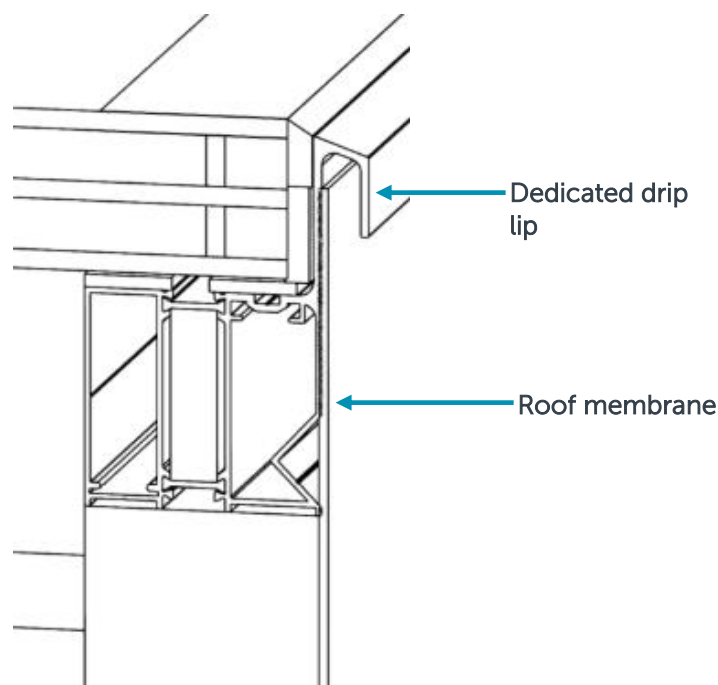
The timber kerb is now ready for our installation team to come and install your rooflight.

Your sales representative will have issued you a Build on Site form as part of the sales process. This outlines the site requirements from a Health and Safety aspect, and must be completed and returned before we can book your installation date.

The next section covers the flashing requirements that need to be carried out by your builder/roofing contractor after our team of installers have completed the installation. This is important as it acts as the final stage of weatherproofing the rooflight.

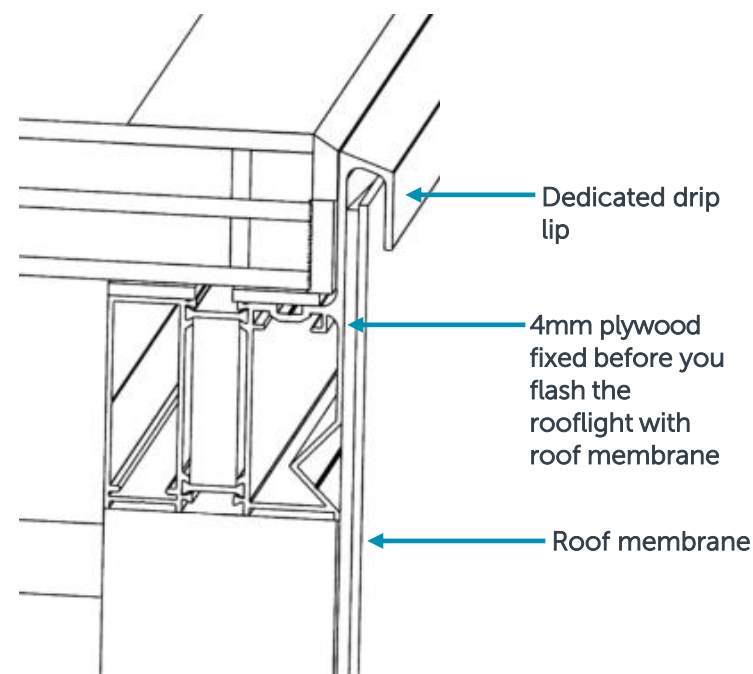
## STEP 3.1 – FLASHING THE ROOFLIGHT FOLLOWING INSTALLATION (SHEET MEMBRANE)

Ensure the roof membrane, when applied, is tucked right under the dedicated drip lip that sits just under the glass. This is important as it acts as the final weatherproofing stage to avoid water ingress in this area. Please note, the diagram below which illustrates this detail. If using a torch on felt, we recommend you cut your membrane to the correct size, fold back and pre-heat with your heat gun. Only then should you apply it to the side of the unit. This will prevent you from damaging the unit by applying heat directly.



## STEP 3.2 – FLASHING THE ROOFLIGHT FOLLOWING INSTALLATION (GRP MEMBRANE)

If using GRP to finish the roof, you should silicone bond a 4mm plywood border around the rooflight upstand and kerb. Screw fix this into the timber kerb if you wish to make it more secure. This will provide a more suitable surface for the GRP to adhere to. Ensure this goes right up underneath the drip lip as the image below shows. Also, ensure the GRP layer is applied right up, underneath the drip lip.



**Your rooflight assembly is now complete.** For internal plaster finishing details please refer to the roof cross section fitting guide, located on page 6 of this guide.

## ROOF SECTION FITTING GUIDE - FIXED FLAT MODULAR ROOFLIGHT

