ROOF MAKER

WORLD CLASS ROOFLIGHTS

PRODUCT SPECIFICATION AND INSTALLATION GUIDE

DOUBLE GLAZED FIXED FLAT ROOFLIGHT

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WORLD CLASS ROOFLIGHTS

FEATURES

Double glazed clear glass, achieves a Ug-value of $1.2w/m^2k$

Manufactured using Reflex Energy glass, featuring a toughened easy clean coated outer pane, with a high specification Low-E inner pane

Available in 4 set sizes of 600mm x 600mm / 1000mm x 1000mm / 1500mm x 1000mm / 2000mm x 1000mm

Same day collection if ordered before 11am*

Next day collection if ordered before 3pm*

Delivery within 48 hours if ordered before 3pm* (mainland excl. Devon, Cornwall & Scotland)

Suitable for flat roofs pitched between 5 and 15 degrees

Manufactured to 'internal dimensions' or 'structural opening size'

All aluminium construction, provides maximum strength for longevity, with minimal weight, for easy handling.

Available in either Jet Black RAL 9005 or Anthracite Grey RAL 7016

Marine grade powder coated frames, to withstand the harshest weather conditions

Easy clean glass on all products as standard, keeps glass cleaner for longer and reduces manual cleaning effort

Ceramic border protects the glass seals from UV damage

20 year unit seal warranty and 10 years on aluminium and powder coating**

Subject to availability

*** Full warranty information, visit www.roof-maker.co.uk*

DELIVERY OF YOUR ROOFLIGHT

All deliveries can be made direct to site, anywhere in the UK. Using our own fleet of vans, our team of experienced drivers will call you an hour before they arrive. Ex-VAT delivery charges are;
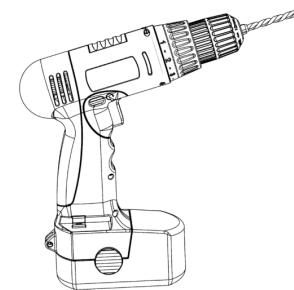
MAINLAND UK: £75.00
DEVON & CORNWALL: £130.00
SCOTLAND: £250.00*

Exclusions apply

FAST INSTALLATION

A 10 minute installation time is achievable with careful planning and suitable lifting equipment. The guide weight of a double glazed rooflight is approximately 60kgs per square metre. The rooflight will need to be 'weathered in' or 'flashed', which can be done with your chosen roof membrane or a separate flashing kit. Correct guidelines can be found in the step by step installation guide, included in this document.

PREMIUM CONSTRUCTION

British design, handcrafted premium construction with a market leading 20 year unit seal warranty.
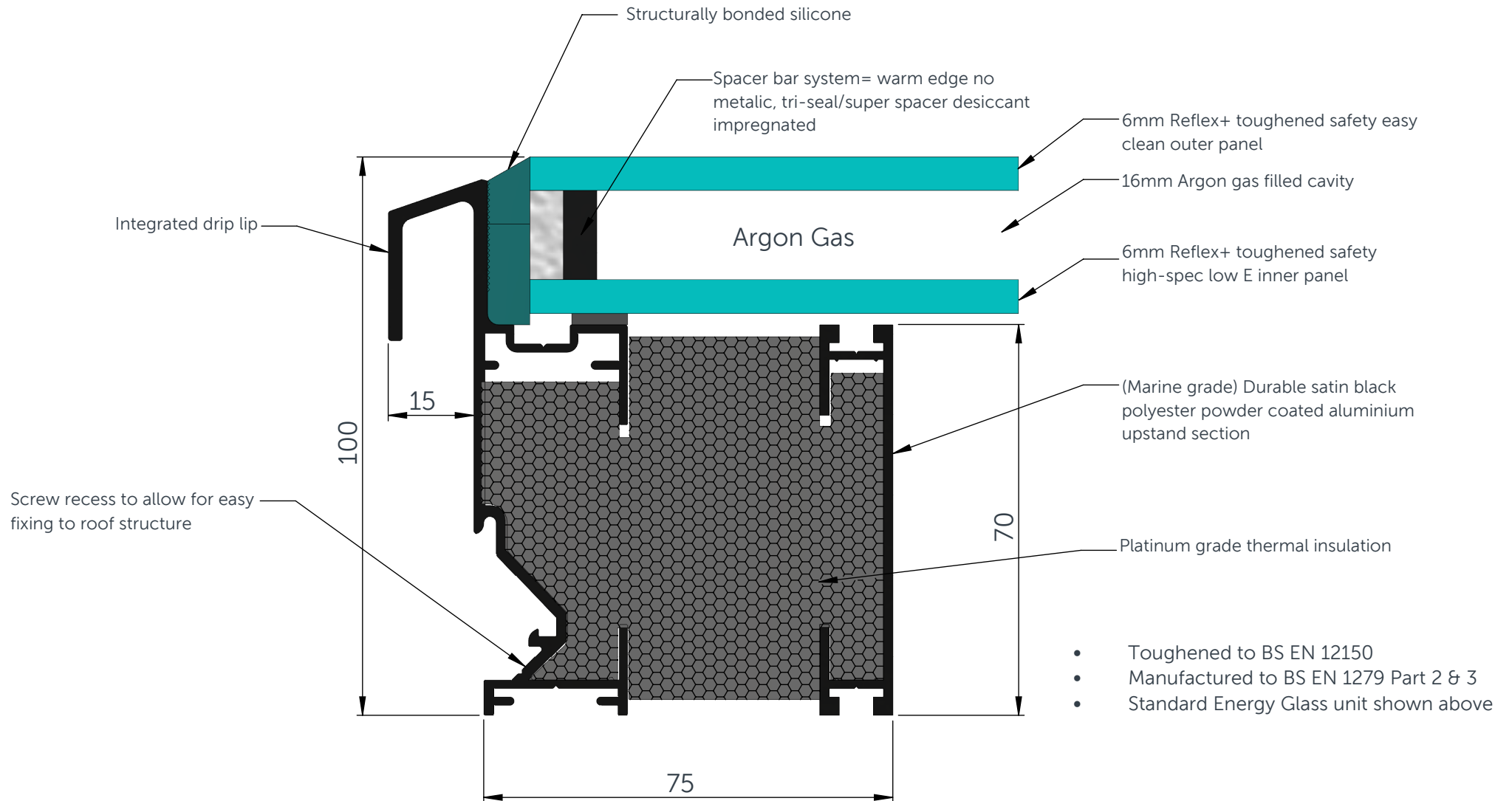
All our units are manufactured on site. The unit seals are 80% deeper than the industry standard. The deeper the seal, the longer the unit life. Our unit seals have a standard life expectancy of 30 years.

Continuous Acrylic Primary Adhesive seal:
ONLY ONE JOINTED CORNER

Bostik P5125 Hotmelt Secondary Super Vapour Seal:
80% DEEPER THAN THE INDUSTRY STANDARD

Two-part Dow Corning structural adhesive glass to aluminium:
EXTREMELY STABLE BETWEEN TEMPERATURES OF -50°C - 100°C

DOUBLE GLAZED FIXED FLAT ROOFLIGHT: STANDARD PRODUCT SPECIFICATION

Structurally bonded silicone

Spacer bar system= warm edge no metalic, tri-seal/super spacer desiccant impregnated

6mm Reflex+ toughened safety easy clean outer panel

16mm Argon gas filled cavity

Argon Gas

6mm Reflex+ toughened safety high-spec low E inner panel

Integrated drip lip

(Marine grade) Durable satin black polyester powder coated aluminium upstand section

Screw recess to allow for easy fixing to roof structure

Platinum grade thermal insulation

15

100

70

75

- Toughened to BS EN 12150
- Manufactured to BS EN 1279 Part 2 & 3
- Standard Energy Glass unit shown above

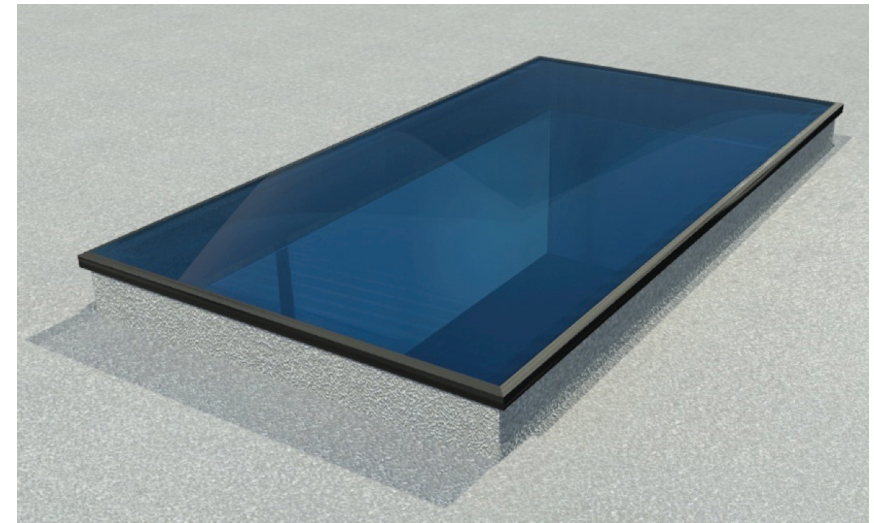## DOUBLE GLAZED FIXED FLAT ROOFLIGHT: INSTALLATION INSTRUCTIONS

IN ADDITION TO YOUR NEW FIXED FLAT ROOFLIGHT, YOU WILL NEED;

• Silicone Adhesive Sealant
(high quality; Dow Corning 791
recommended)
• Drill, bits and screws as required
• Materials to prepare a timber kerb

Please take precaution when moving heavy objects and working at height. Be sure to use the correct equipment. Guide weights based on size, are shown on the chart below.

GUIDE WEIGHTS	
Size (mm)	Weight (kg)
600x600	25
1000x1000	53
1500x1000	74
2000x1000	95

PLEASE NOTE - weights stated can vary and work to a +/- 10% tolerance.
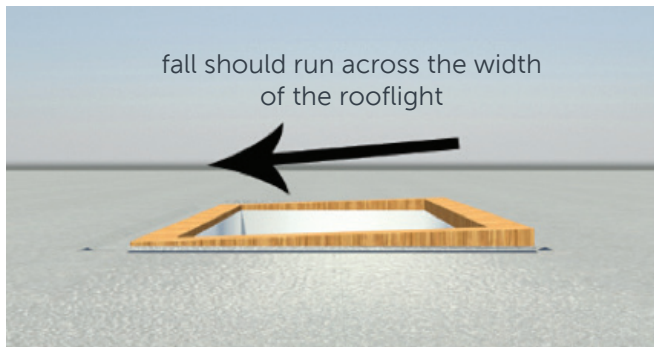

INSTALLATION GUIDE

Please make sure to read through all steps and understand all requirements before beginning the installation.
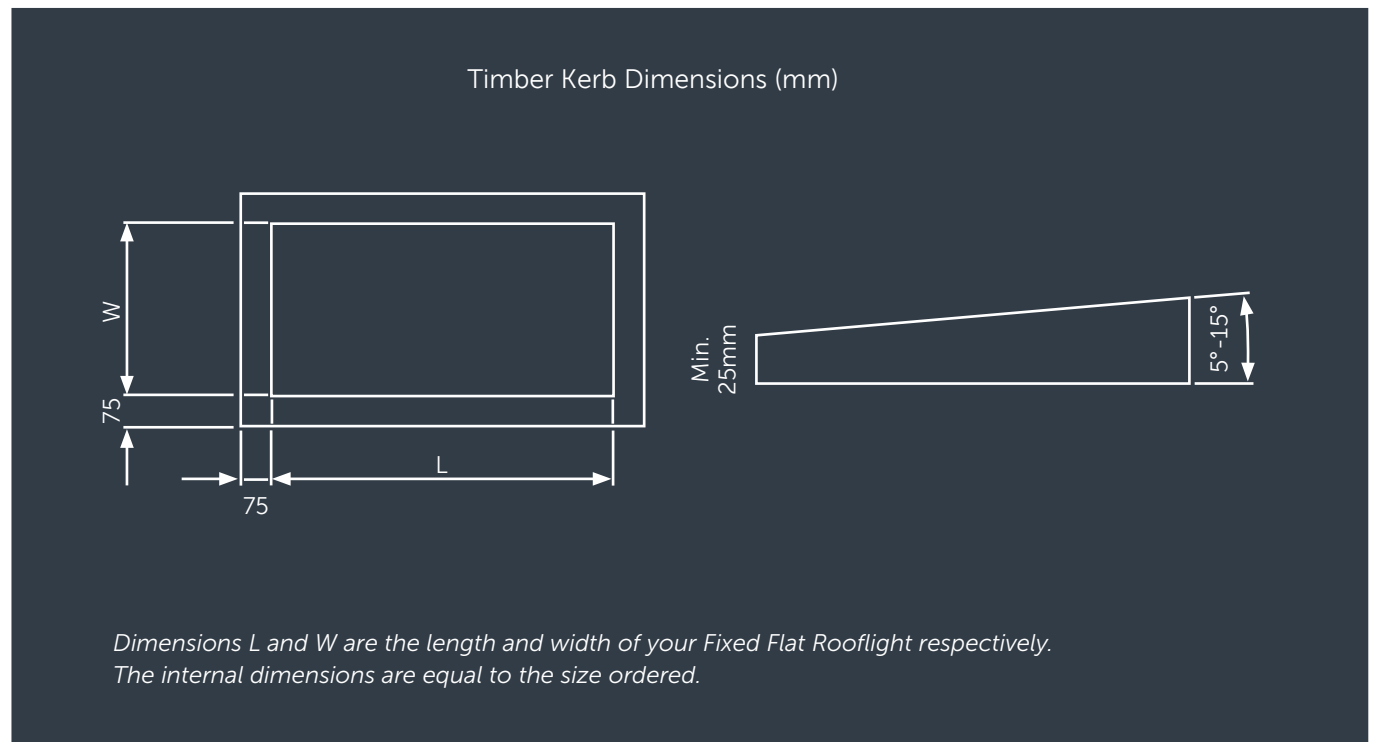
STEP ONE

PREPARE A TIMBER KERB FOR YOUR ROOFLIGHT

Prepare a 75mm width timber kerb for your rooflight. This should be a minimum of 25mm in height (can be increased if required) from the finished roof level. The internal dimensions of your kerb should match the internal dimensions of the rooflight/size ordered.

Your Fixed Flat Rooflight needs to be pitched at a minimum of 5° to allow water run-off. If your roof does not have this pitch, build the angle into your timber kerb. We recommend that you run the fall across the 'width' or 'shorter side' of the rooflight when building an angled kerb, as the fall will be less noticeable, which will improve the aesthetics when fitted.
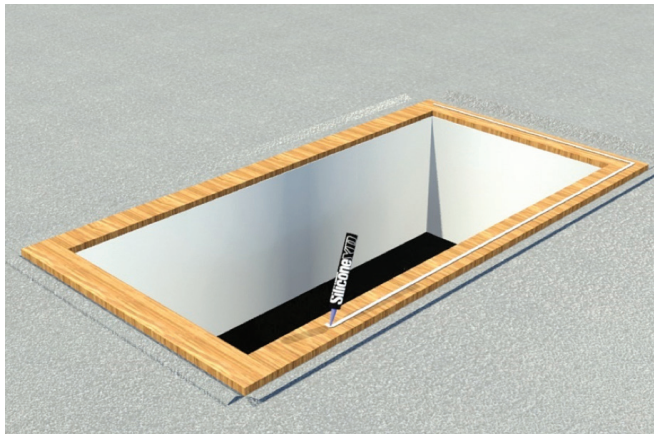

fall should run across the width of the rooflight

Timber Kerb Dimensions (mm)

Dimensions L and W are the length and width of your Fixed Flat Rooflight respectively. The internal dimensions are equal to the size ordered.
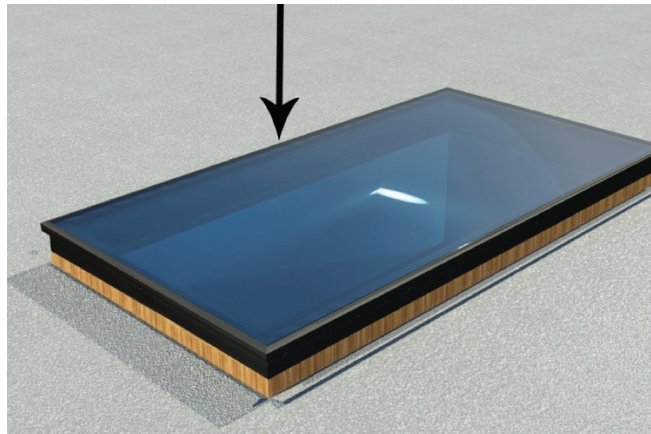
STEP TWO

APPLY SILICONE TO YOUR KERB

Apply a generous bead of silicone around the top face of the kerb, as shown. The bead of silicone should be applied approximately 20mm from the internal edge.
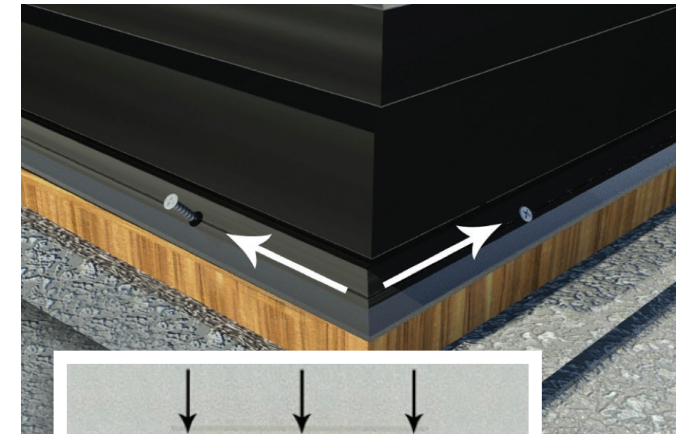

STEP THREE

POSITION THE ROOFLIGHT

Bring your Fixed Flat Rooflight into position. Align the rooflight so that it is centered on the aperture.

STEP FOUR

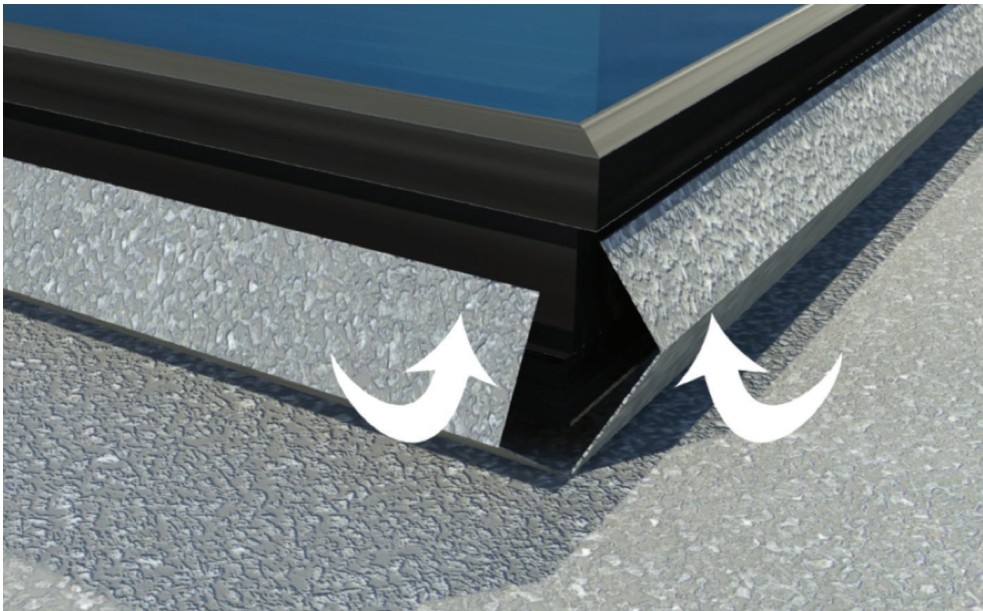### SECURE THE ROOFLIGHT TO THE KERB

Use the recess in the rooflight upstand to position the screws. Drill a pilot hole appropriate for your chosen screw diameter, and fix the frame with screws in the indicated positions: 100mm from each corner, and in the centre of the long sides.
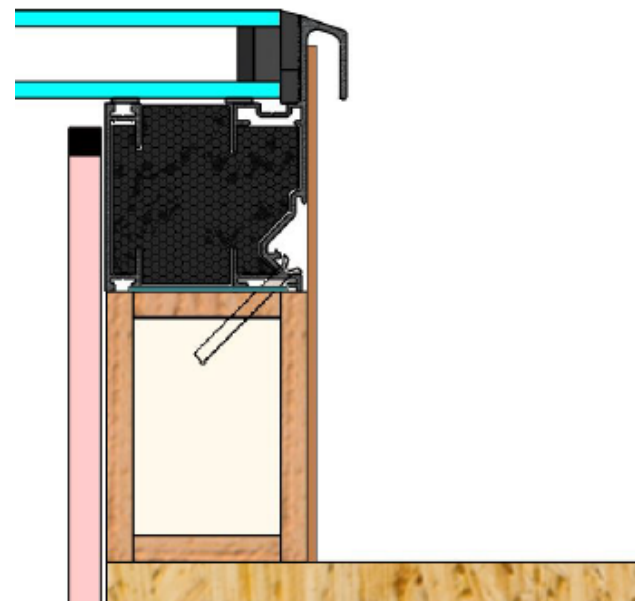
STEP FIVE

A: SEAL THE ROOFLIGHT WITH THE ROOF MEMBRANE

Seal your flashing/roof membrane up the side of the rooflight, tucking it up underneath the dedicated drip overhang. When using a torch to seal roof membrane, cut material to the suitable size, fold back and apply heat to the sheet, away from the rooflight to avoid damage. Pre-heated membrane can then be bonded to the side of the rooflight.

B: WHEN USING GRP ROOF FINISH

When using GRP to finish roof, silicone bond a 4mm plywood border around the upstand and kerb, this will provide a more suitable surface for the GRP layer to adhere to.

For plastering finish guidelines, please follow the roof section fitting guide, included at the end of this document.

Congratulations! Your Fixed Flat Rooflight is now installed.

ROOF SECTION FITTING GUIDE

Minimum fall 5° (inc roof)
Maximum fall 15° (inc roof)

When no blind is selected, distance between plaster stop bead and glass to be approx 10mm and must not be in contact with glass

Do not lift by the glass

Lift from here (dedicated drip overhang)

Roof membrane tucked and sealed under dedicated drip lip. If using torch on felt, cut to size, fold back and pre-heat before applying to the upstand and profile - DO NOT APPLY HEAT TO THE ROOFLIGHT

Pre-drill frame and screw fix through purpose made recess as per your step by step fitting guide

Stop bead

Silicone bead to be applied all the way around your upstand before lowering your rooflight into place

75mm width timber kerb, minimum height of 25mm.

EPDM roof finish, for alternative finishes, please refer to your step by step installation guide

Plasterboard

Arris Rail (Recommended)

Plywood Deck

Internal sizes taken from here
(size ordered) = size of timber structural opening