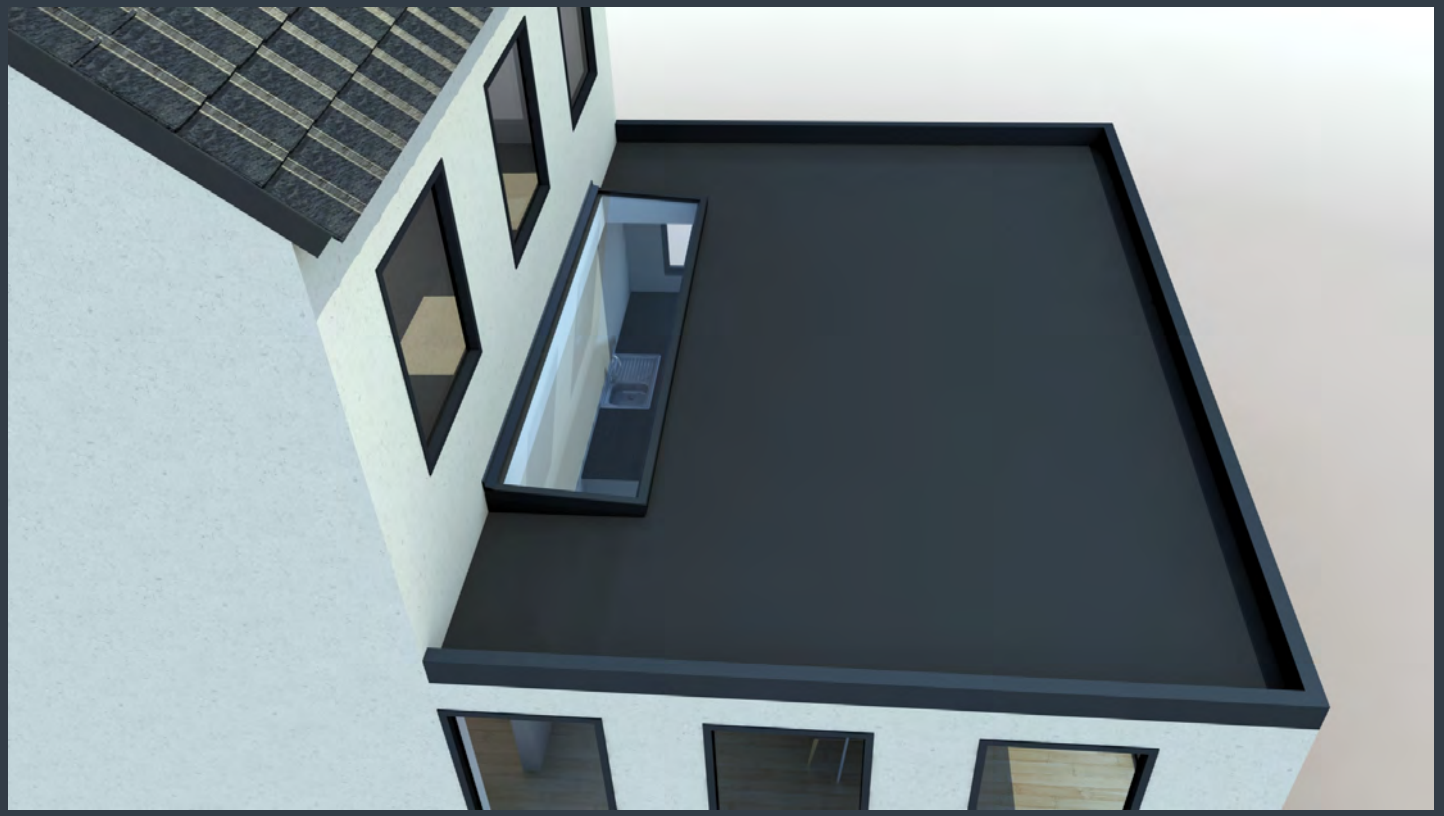
ROOF MAKER

WORLD CLASS ROOFLIGHTS



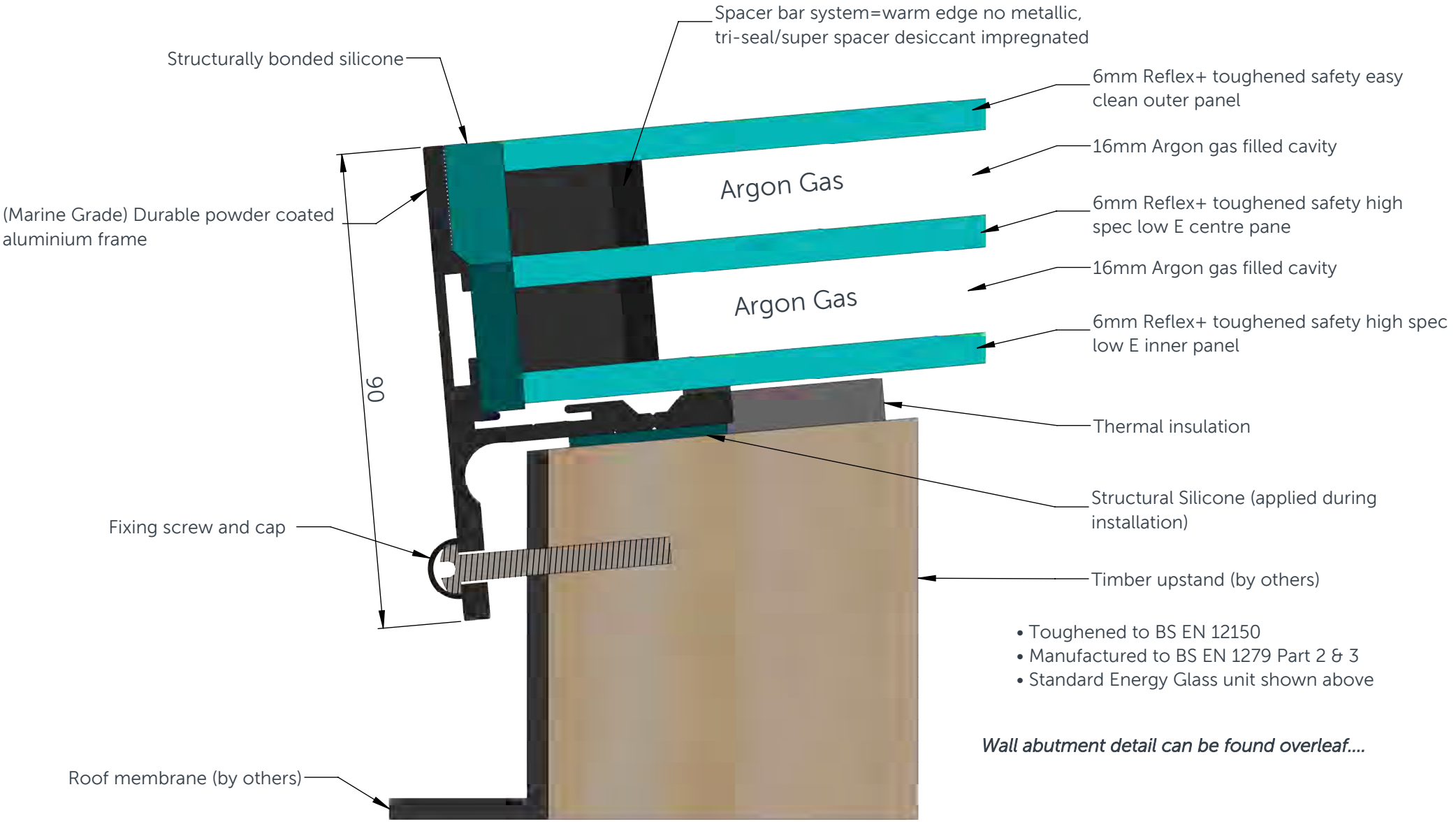
PRODUCT SPECIFICATION AND INSTALLATION GUIDE

WALL ABUTMENT FIXED FLAT ROOFLIGHT

ROOF MAKER
WORLD CLASS ROOFLIGHTS

Call us: 0116 269 6297
Mon-Fri 9-5pm

WALL ABUTMENT FIXED FLAT ROOFLIGHT: STANDARD PRODUCT SPECIFICATION (FRONT AND SIDE SECTIONS)

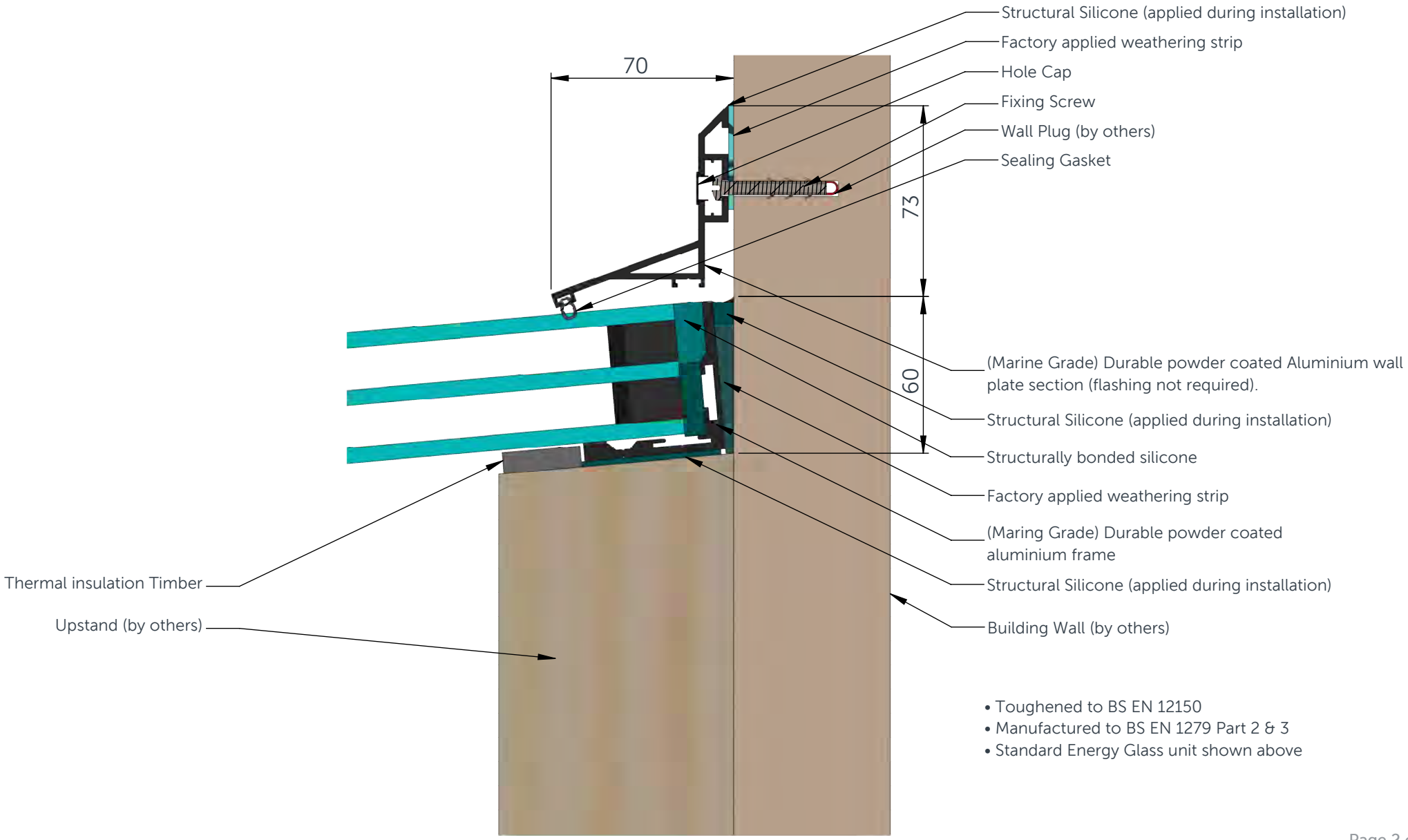


- Toughened to BS EN 12150
- Manufactured to BS EN 1279 Part 2 & 3
- Standard Energy Glass unit shown above

Wall abutment detail can be found overleaf....

Call us: 0116 269 6297
Mon-Fri 9-5pm

WALL ABUTMENT FIXED FLAT ROOFLIGHT: STANDARD PRODUCT SPECIFICATION (WALL ABUTTED SECTION)



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

WALL ABUTMENT FIXED FLAT ROOFLIGHT: INSTALLATION GUIDE

ON DELIVERY, YOU WILL RECEIVE;

- Your fully assembled Wall Abutment Fixed Flat Rooflight
- Screws and caps to fix your rooflight to the timber kerb
  (quantity dependant on rooflight size)
- The wallplate with two end caps
- Screws and caps to fix the wallplate to the wall
  (quantity dependant on rooflight size)
- Dow Corning 791 sealant tube
  (quantity dependant on rooflight size)
- Packers

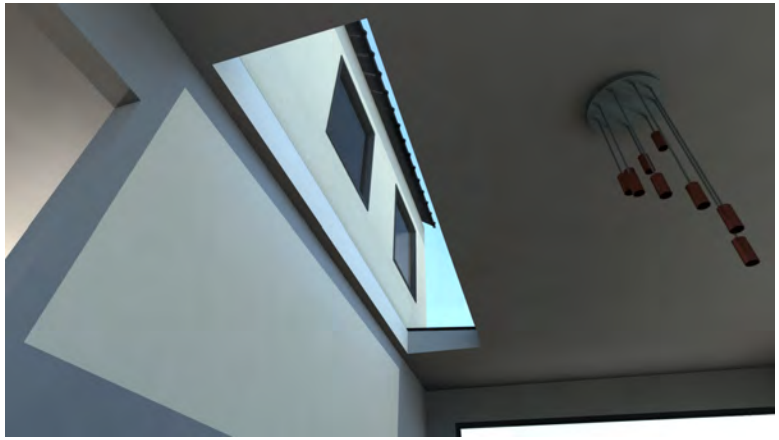
IN ADDITION, YOU WILL NEED;

- Wall plugs for the type of wall you are fixing in to *(for wallplate section)*
- Drill/bits
- Sealant gun
- Materials to prepare a timber kerb
- Masking tape *(optional)*
- Sealant smoothing tool *(optional)*

Please adhere to the relevant Health and Safety guidelines when moving heavy objects and working at height. The weights provided below are for your guidance only

WALL ABUTMENT FIXED FLAT ROOFLIGHT		
Size (mm)	Weight (KG)	N° of people Req'd to handle
400 x 400	21	1
700 x 700	45	2
1000 x 1000	78	3
1500 x 1000	109	4
2000 x 1000	141	4
2500 x 1000	172	5
3000 x 1000	203	6
1500 x 1200	127	4
2000 x 1200	163	5
2500 x 1200	199	6
1500 x 1400	144	5
2000 x 1400	185	6
3000 x 700	155	5

**rooflight weights stated are subject to a +/- 10% tolerance. We can provide weights for sizes not listed above*



INSTALLATION GUIDE

Please ensure you read the installation guide before beginning the installation. Roof section diagrams can be found at the end of this guide.

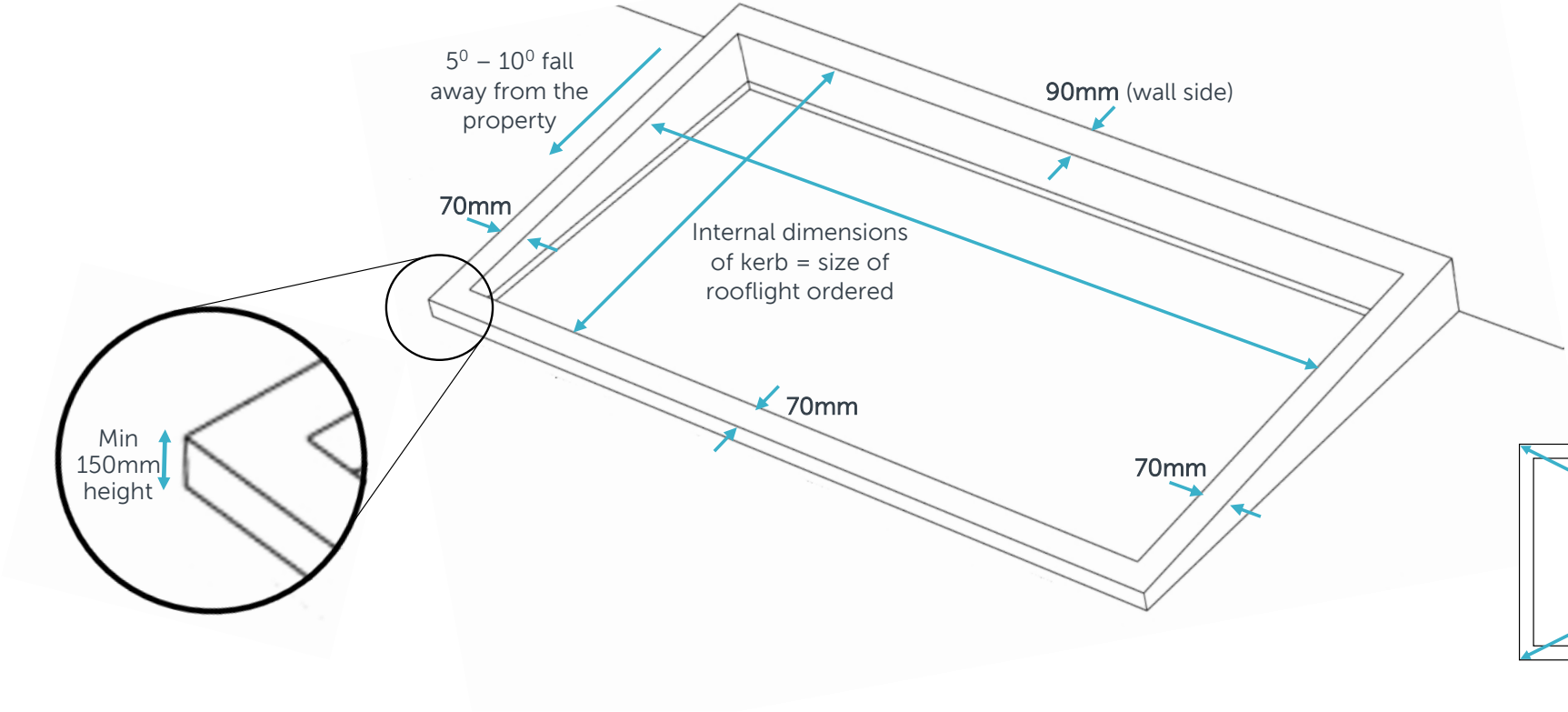
STEP ONE

HOW TO PREPARE A TIMBER KERB FOR YOUR ROOFLIGHT

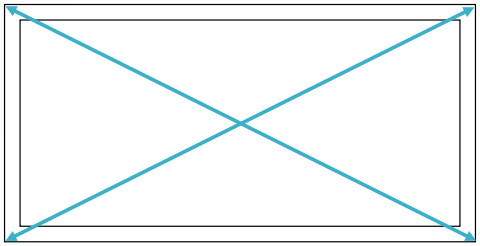
The timber kerb for the Wall Abutment Fixed Flat Rooflight needs to be constructed in two different widths. The section that runs along the wall of the property will need to be 90mm width, the two sides and front section of the kerb need to be 70mm width. The internal dimensions of the timber kerb must match the size of the rooflight ordered. The timber kerb will need a minimum fall of 5^0 (maximum 10^0) away from the property. At the lowest point (the front), the kerb should be a minimum height of 150mm from the roof deck level.

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

The orientation of the rooflight would have been determined at the point of sale - if portrait was specified, the shorter side of the kerb will be positioned along the wall and if landscape was specified, the longer side will be positioned along the wall.



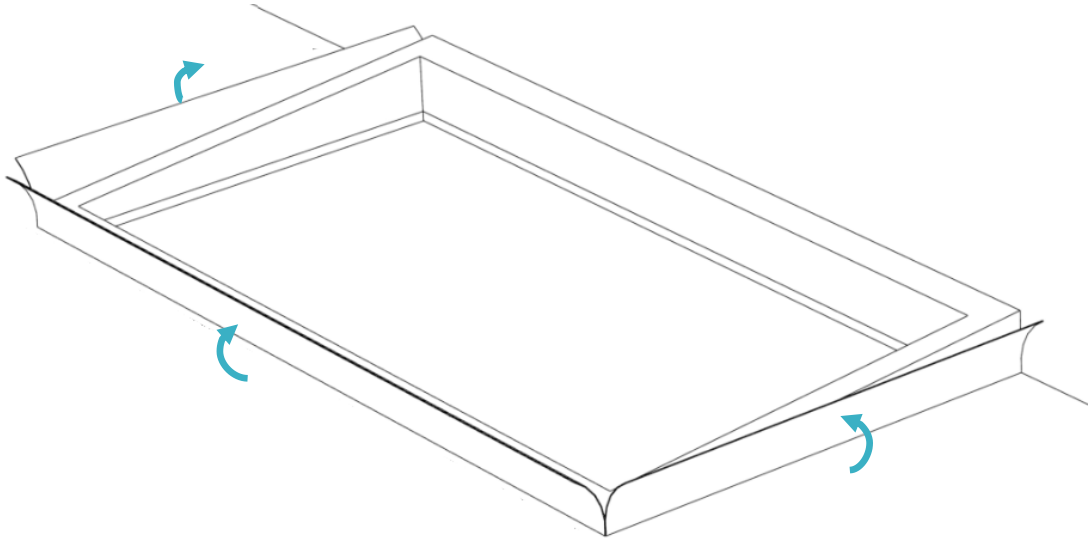
Ensure all 4 corners are square
Measure diagonally from corner to corner both ways. If both dimensions match, your timber kerb should be square.



STEP TWO

APPLY ROOF MEMBRANE TO THE SIDES OF THE TIMBER KERB

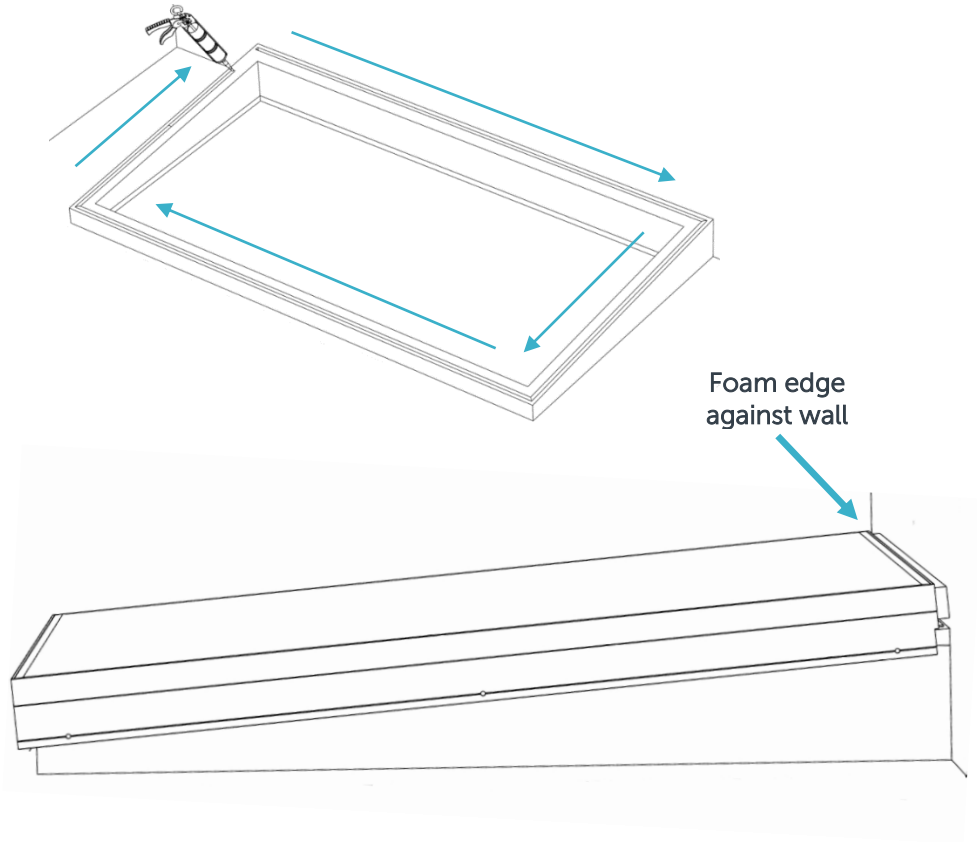
When the timber kerb has been constructed, add the roof membrane to the vertical faces along the front section, and two sides of the kerb that run towards the wall. **When applied, finish the membrane so it is level with the top edge of the kerb on all 3 sides and leave the top surface as exposed timber**.



STEP THREE

APPLY SILICONE TO THE KERB AND POSITION THE ROOFLIGHT

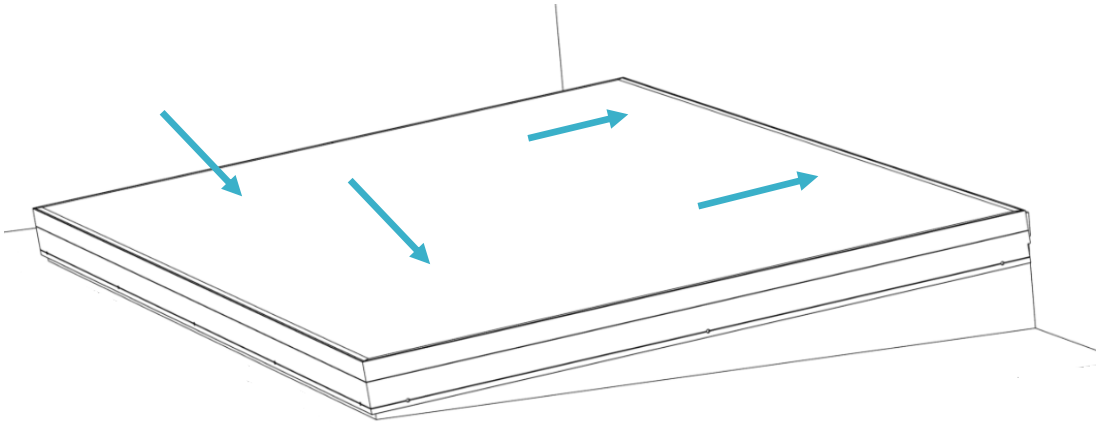
Run a generous bead of silicone around the top of the timber kerb on all four sides, set in by approx. 10mm from the outside edge. Following this, position the rooflight onto the timber kerb, so the side of the rooflight with the foam edging sits against the wall.



STEP FOUR

POSITION THE ROOFLIGHT CORRECTLY BEFORE FIXING

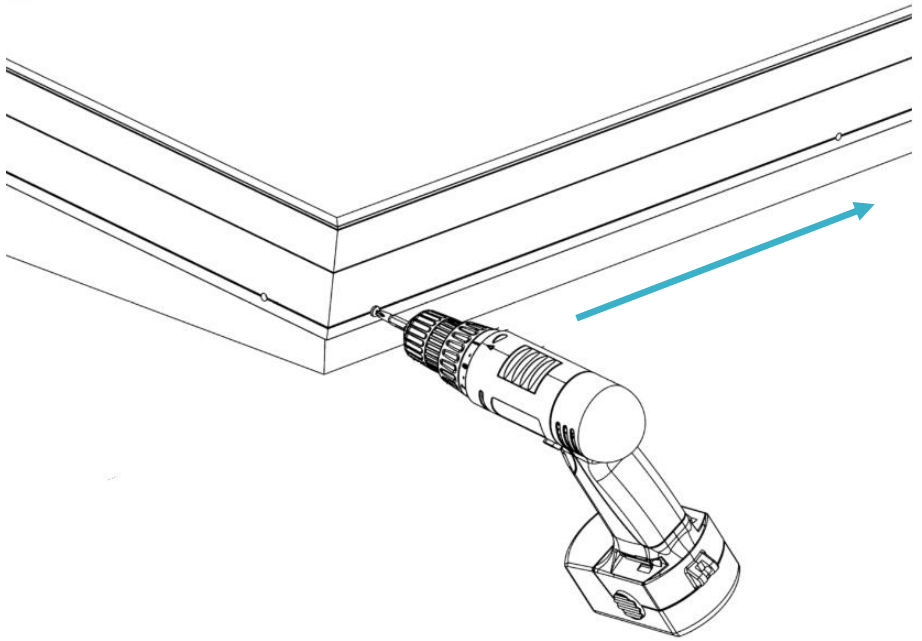
Ensure the rooflight is pressed down firmly on to the kerb. Where it abuts to the wall, push it against the wall to compress the foam edging. Ensure both of the side sections of the rooflight overhang the timber kerb equally.



STEP FIVE

INSERT SCREW FIXINGS ALONG THE FRONT SECTION OF THE ROOFLIGHT

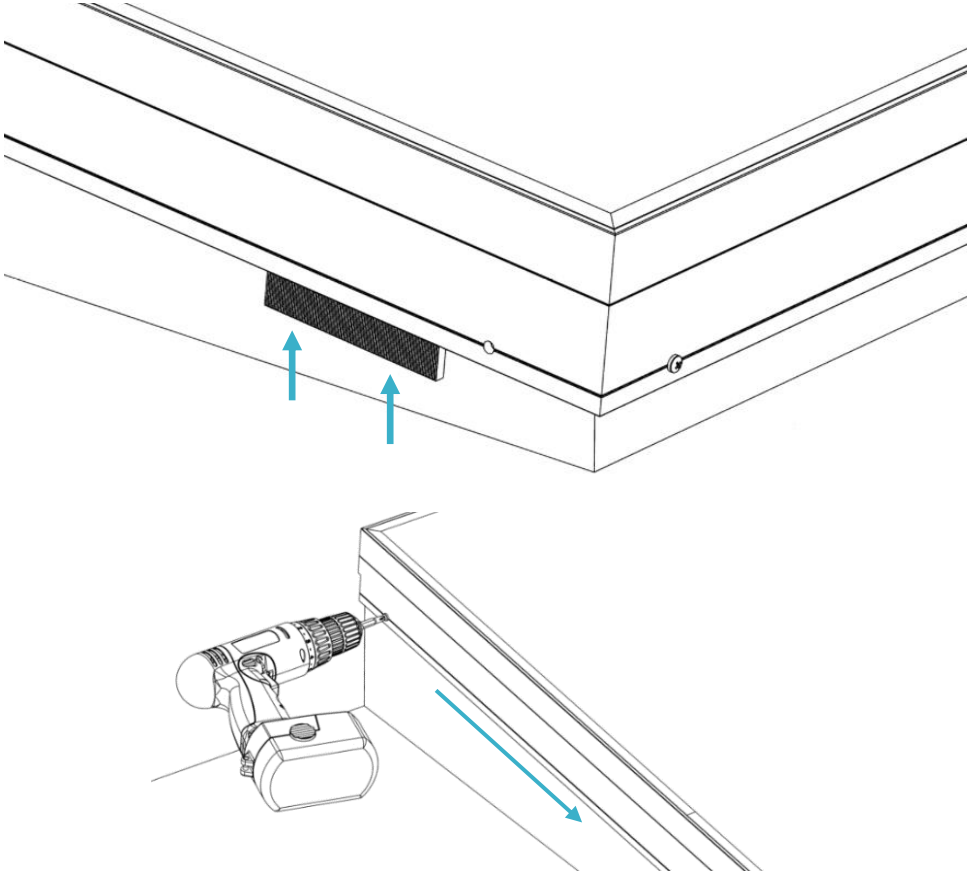
Start at one end and work your way across the rooflight, insert the provided screw fixings into the kerb. Through the pre-formed holes along the front section of the rooflight. Do this on a medium gear setting and do not overtighten. This should push the rooflight towards the wall and further compress the foam edge, where the rooflight meets the wall.



STEP SIX

SCREW FIX ALONG THE SIDE SECTIONS OF THE ROOFLIGHT

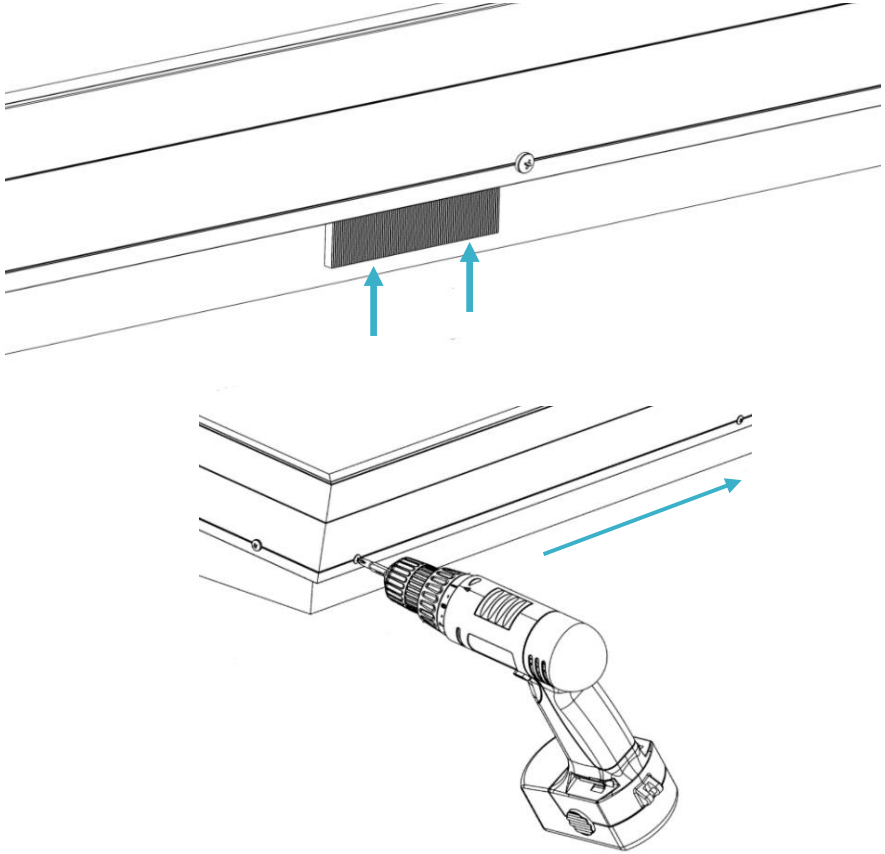
Insert packers between the rooflight frame and timber kerb, close to but not obstructing the pre-formed fixing holes that run down both sides of the rooflight. Following this, fix in to the kerb through the pre-formed holes with your provided screws and fully tighten on a high gear setting.



STEP SEVEN

FULLY TIGHTEN FIXINGS ALONG THE FRONT SIDE OF THE ROOFLIGHT

Going back to the front section of the rooflight, place some packers between the rooflight frame and timber kerb, close to your fixings. Set your drill to a high gear setting and fully tighten the fixings along the front section of the rooflight.

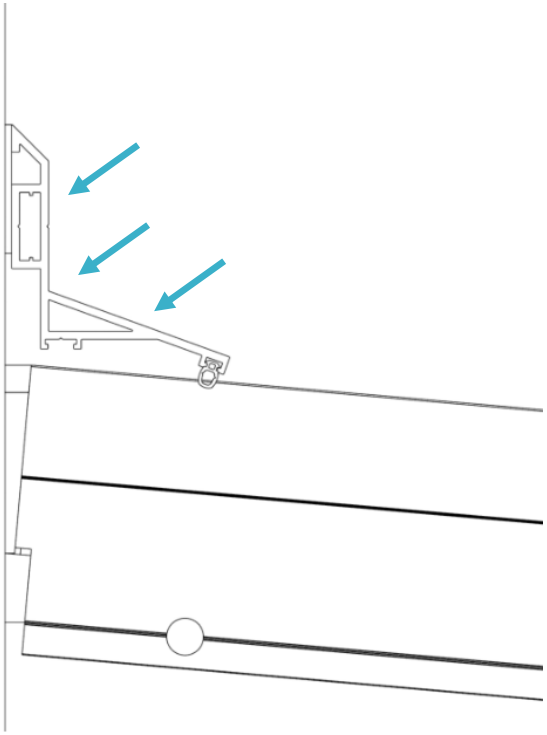


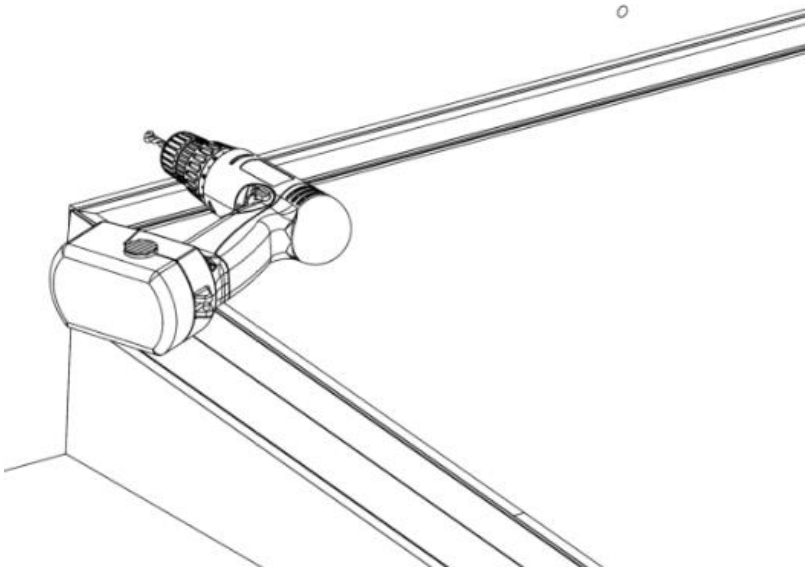
You can now use the provided screw caps to conceal the screws that you have inserted into the front and two sides of the rooflight.

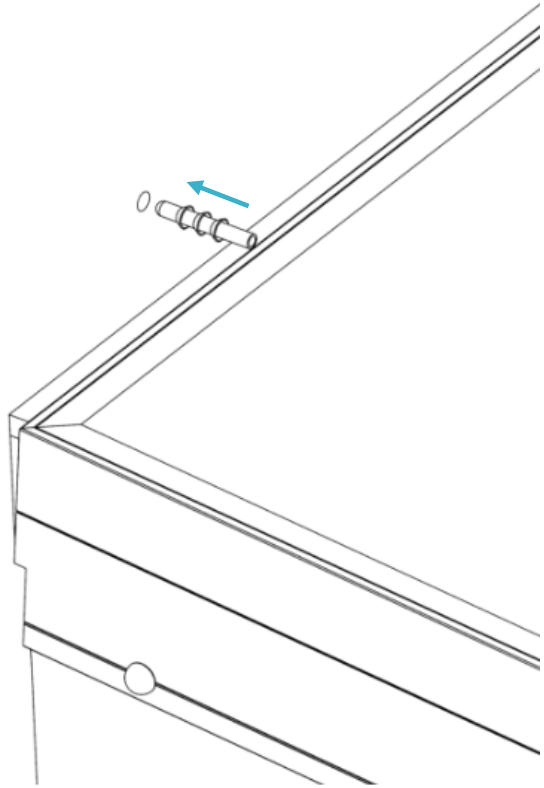
STEP EIGHT

PREPARE THE FIXING HOLES FOR THE WALLPLATE

Place the wallplate into position on top of the rooflight and against the wall (foam edge against the wall), so it overhangs at each side of the rooflight by an equal amount. Push the wallplate into the wall and down onto the rooflight and mark the wall through the preformed holes in the wallplate. Put the wallplate to one side, drill the holes you have marked and insert your wall sockets.







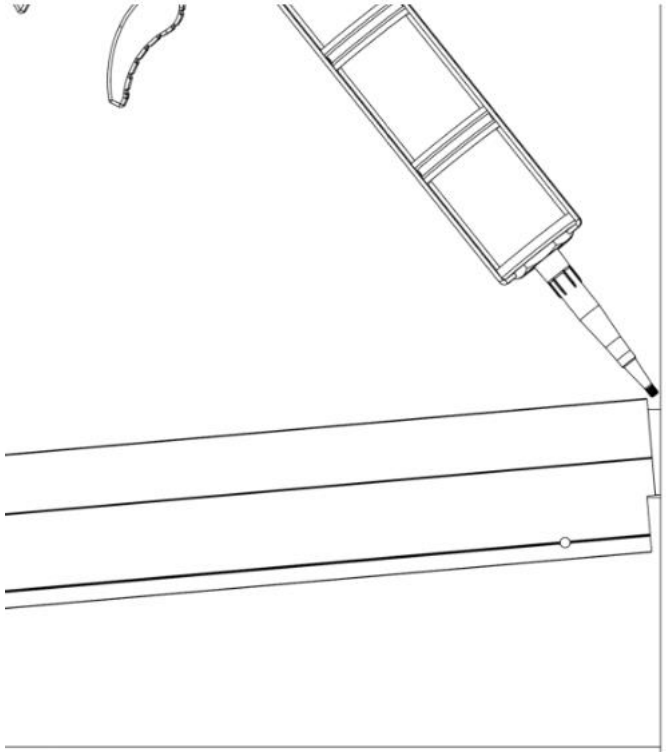
You now need to clean the dust and debris away from the top of the rooflight and foam gasket where it meets the wall, in preparation to seal this area with silicone.

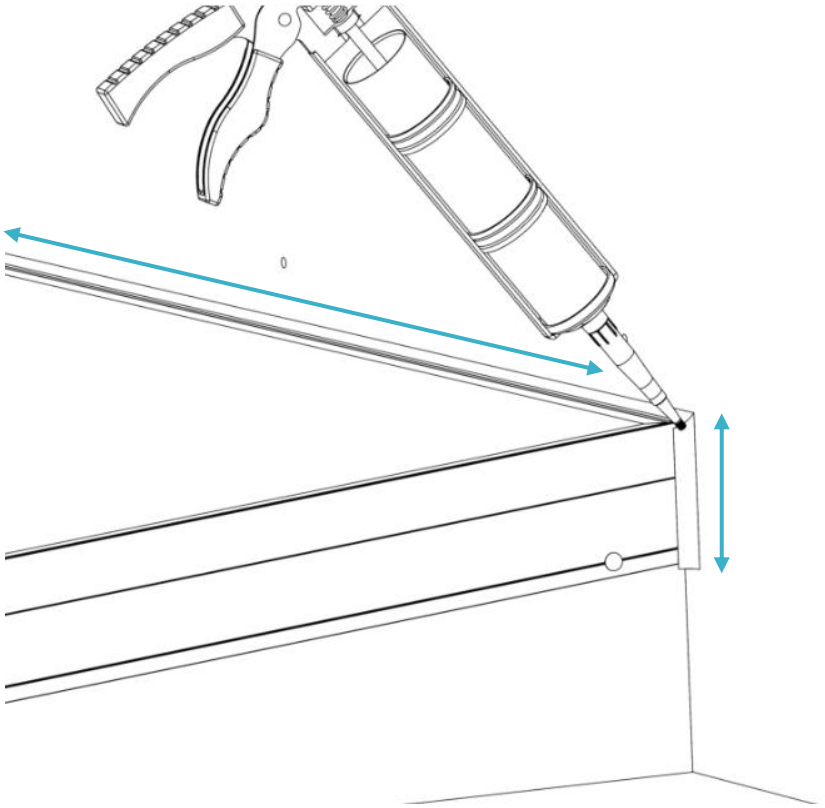
STEP NINE

SEAL THE CORNERS WHERE THE ROOFLIGHT MEETS THE WALL

Now the abutment area is free from dust and debris, run a thick bead of silicone along the top of the rooflight, where it meets the wall. Smooth this in to a concave bead, which goes onto the surface of the rooflight by 5mm minimum.

When this has been done, use the silicone to seal both side faces of the rooflight where the aluminium frame meets the wall. This will just be a standard bead of silicone in this area and doesn't have to be as thick as the bead along the top section. Do this on both sides of the rooflight.
Apply masking tape to the brickwork on the sides if required to ensure a neat finish, as this area will still be exposed when the wallplate is fitted along the top of the rooflight.

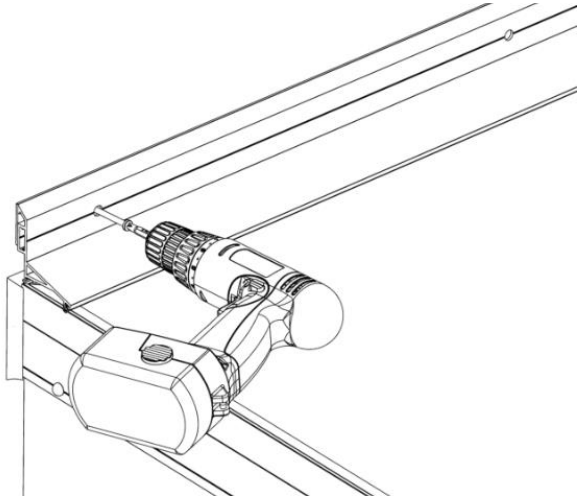


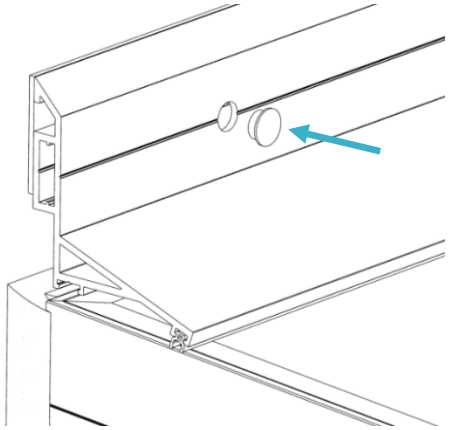


STEP TEN

FIX THE WALLPLATE IN TO POSITION

Bring the wallplate back in to position and fix it into the holes you prepared, with the provided screws and then insert the screw caps to conceal. Set your drill to a medium gear for this and do not overtighten.

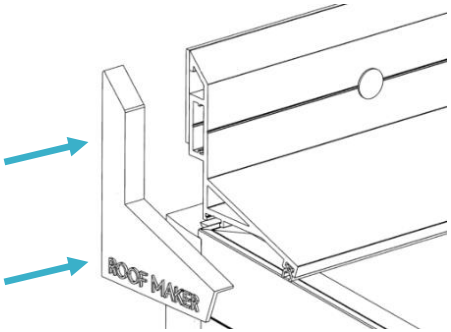


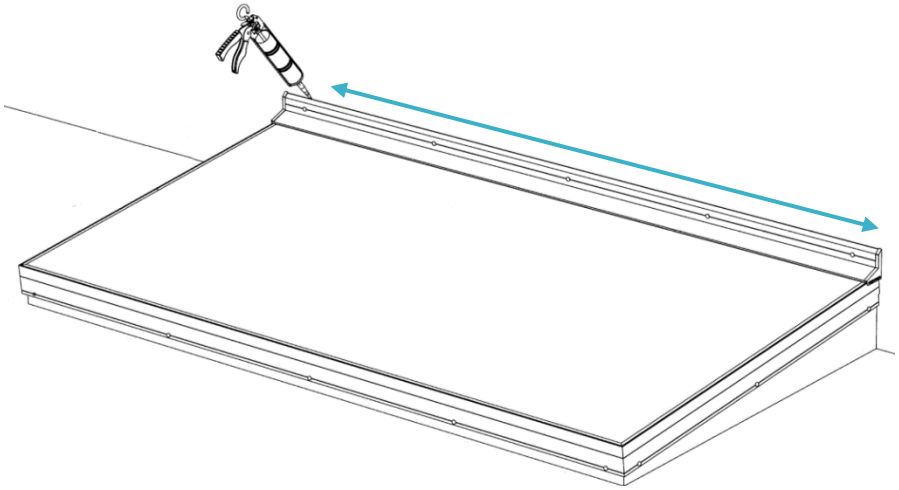


STEP ELEVEN

ADD END CAPS AND SEAL ALONG THE TOP OF THE WALLPLATE

Using the silicone, bond the two wallplate end caps on to each end of the wallplate and run a bead of silicone between the wall and the top edge of the wallplate along the entire length of it. Smooth this off neatly to finish. Use Masking tape along the brickwork if required before, to ensure a neat finish.

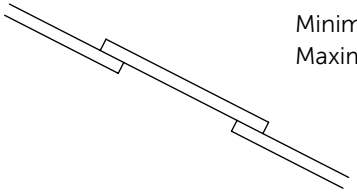




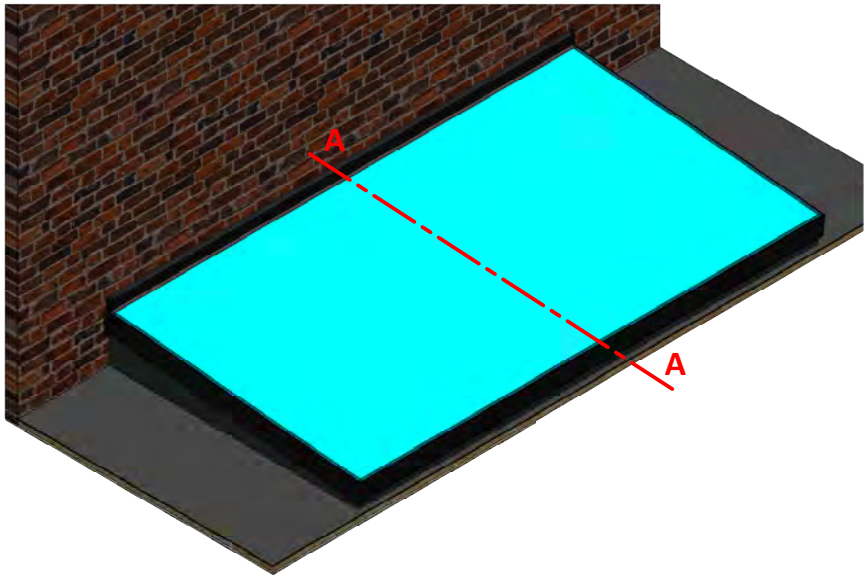
The installation of your Wall abutment Fixed Flat Rooflight is now complete. For internal plaster finishing guidelines, please refer to the roof section diagrams at the end of this guide.

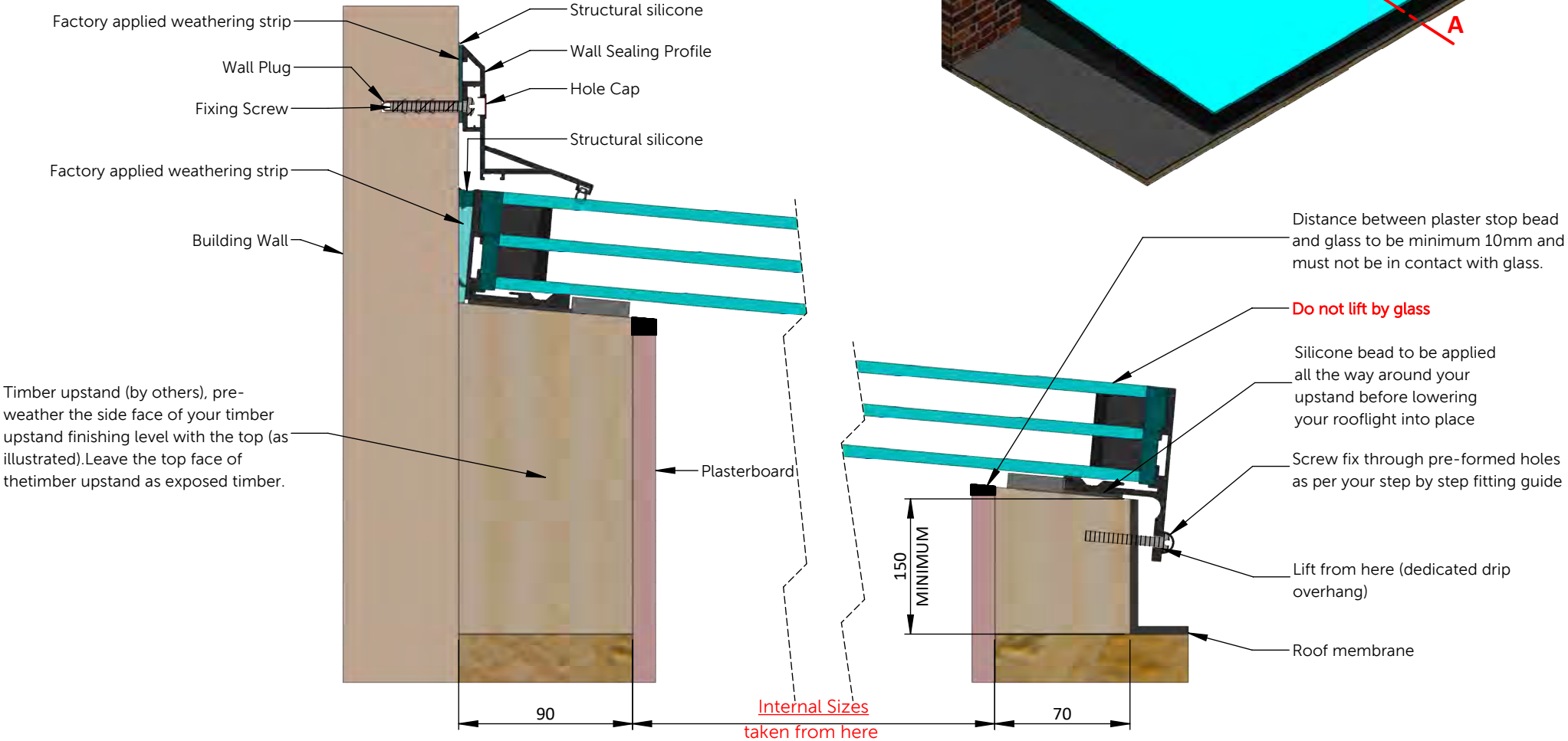
ROOF MAKER
WORLD CLASS ROOFLIGHTS

ROOF SECTION DIAGRAM (A-A on diagram - Abutment and front section)

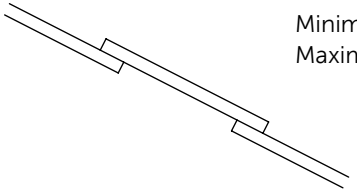


Minimum fall 5° (inc roof)
Maximum fall 10° (inc roof)

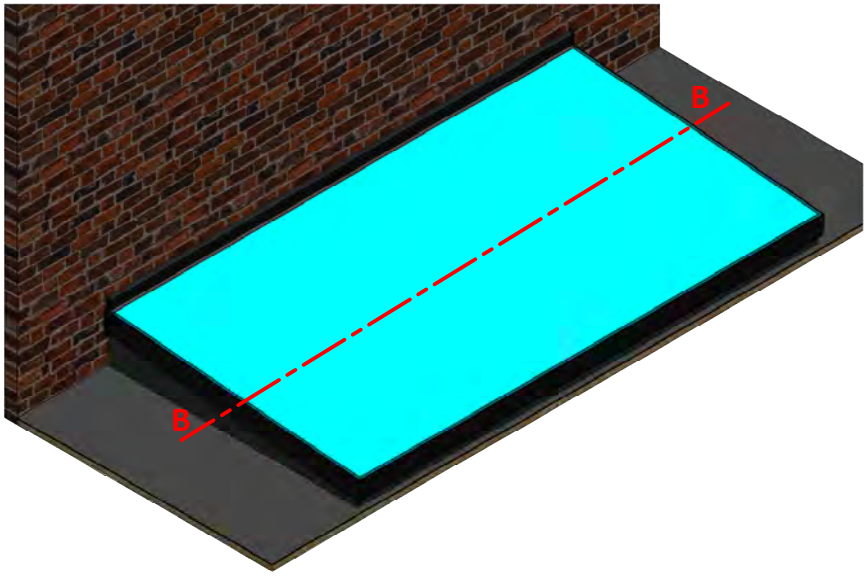




ROOF SECTION DIAGRAM (B-B on diagram - Side sections)



Minimum fall 5° (inc roof)
Maximum fall 10° (inc roof)



Distance between plaster stop bead and glass to be minimum 10mm and must not be in contact with glass.

Do not lift by glass

Screw fix through pre-formed holes as per your step by step fitting guide

Timber upstand (by others) pre-weather the side face of your timber upstand finishing level with the top (as illustrated). Leave the top face of thetimber upstand as exposed timber.

Plasterboard

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

Lift from here (dedicated drip overhang)

Roof membrane

70

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

70