

ROOF MAKER

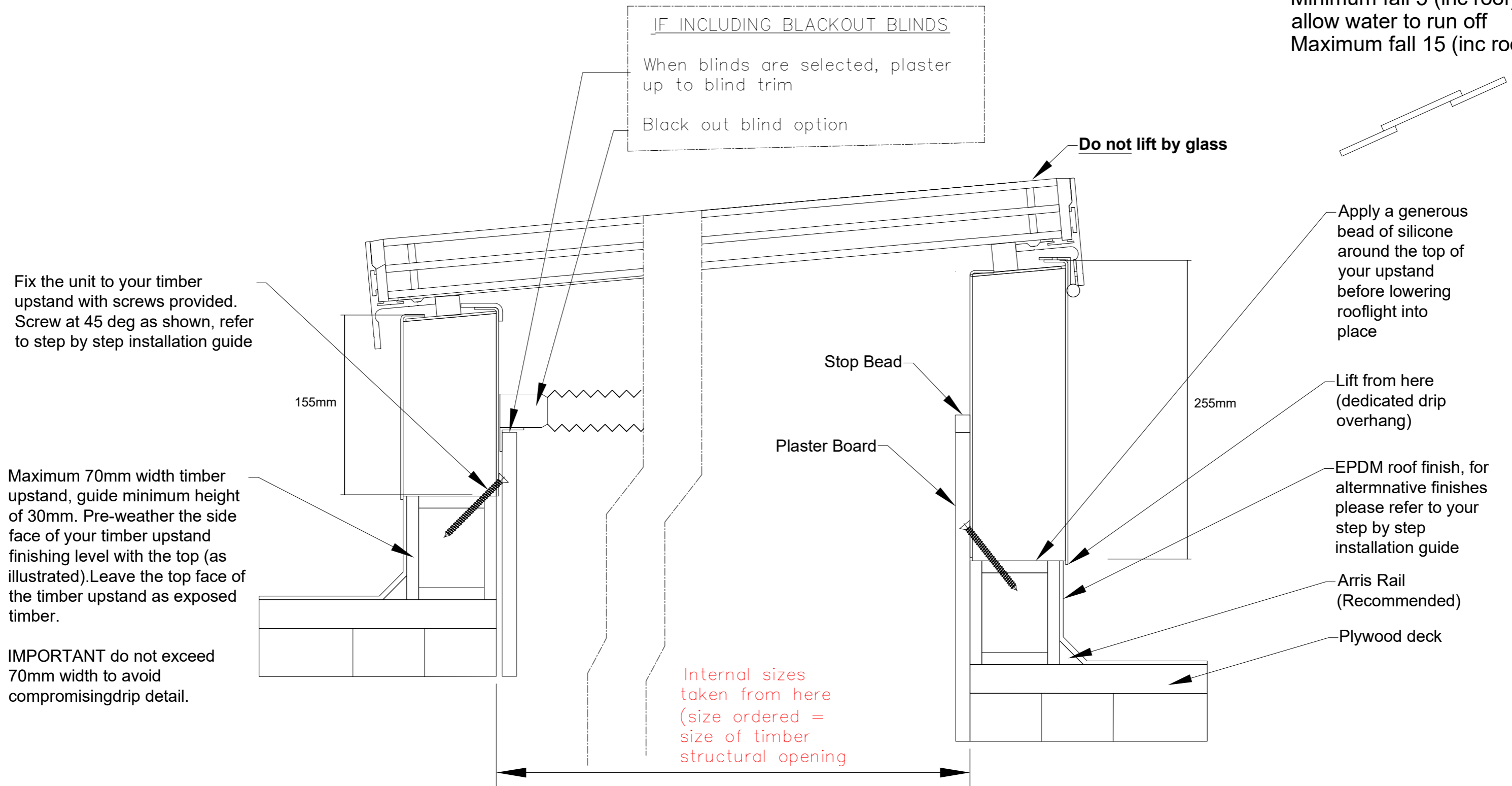
WORLD CLASS ROOFLIGHTS



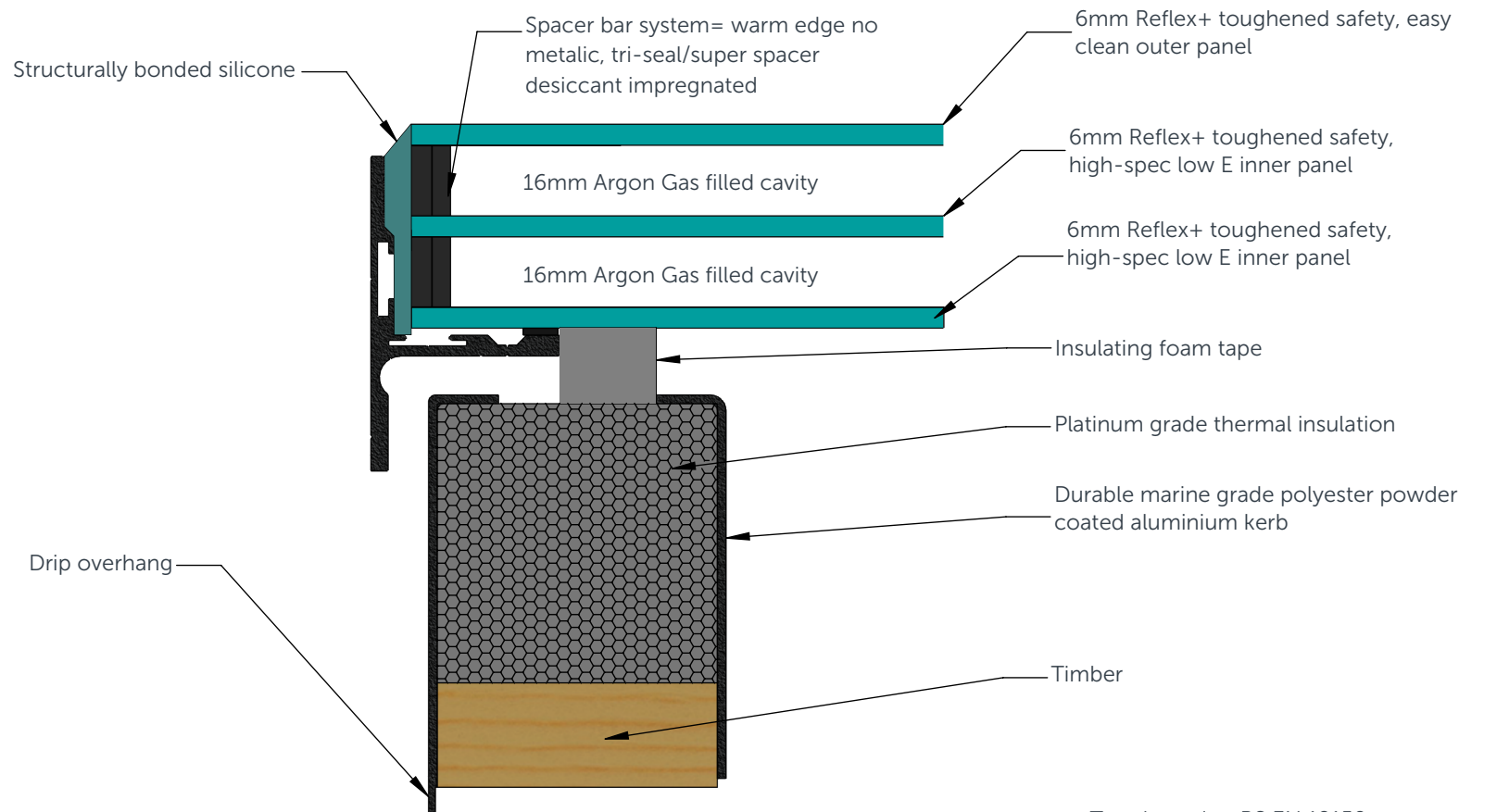
PRODUCT SPECIFICATION AND INSTALLATION GUIDE

ACCESS OPENING FLAT ROOFLIGHT

Minimum fall 5 (inc roof) to
allow water to run off
Maximum fall 15 (inc roof)



ACCESS OPENING FLAT ROOFLIGHT: STANDARD PRODUCT SPECIFICATION



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

ACCESS OPENING FLAT ROOFLIGHT: INSTALLATION GUIDE

ON DELIVERY OF YOUR NEW ACCESS OPENING FLAT ROOFLIGHT, IN ADDITION YOU WILL RECIEVE;

*CONTROL, REMOTE

- Control switch combo unit (86x86x35mm)
- Remote control
- Long Screws for fixing the rooflight to the timber kerb

*IF CONTROL SWITCH CONTROLLED...

- Control switch
- Long Screws for fixing the rooflight to the timber kerb

**All additional accessories and components will come with your rooflight delivery and be packaged in a cardboard box.*

IN ADDITION TO YOUR NEW ACCESS OPENING 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

INSTALLATION GUIDE

Make sure to read through all steps and understand all requirements before beginning assembly. We also recommend that you study the 'cable location guide' which provides further guidance on how to run the rooflight cabling into the property as part of the installation. This is located at the end of this guide, alongside the wiring guide and a roof section diagram.

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 to the right.



GUIDE WEIGHTS	
Size (mm)	Weight (kg)
1000 x 1000	81
1500 x 1000	115
2000 x 1000	150

STEP ONE

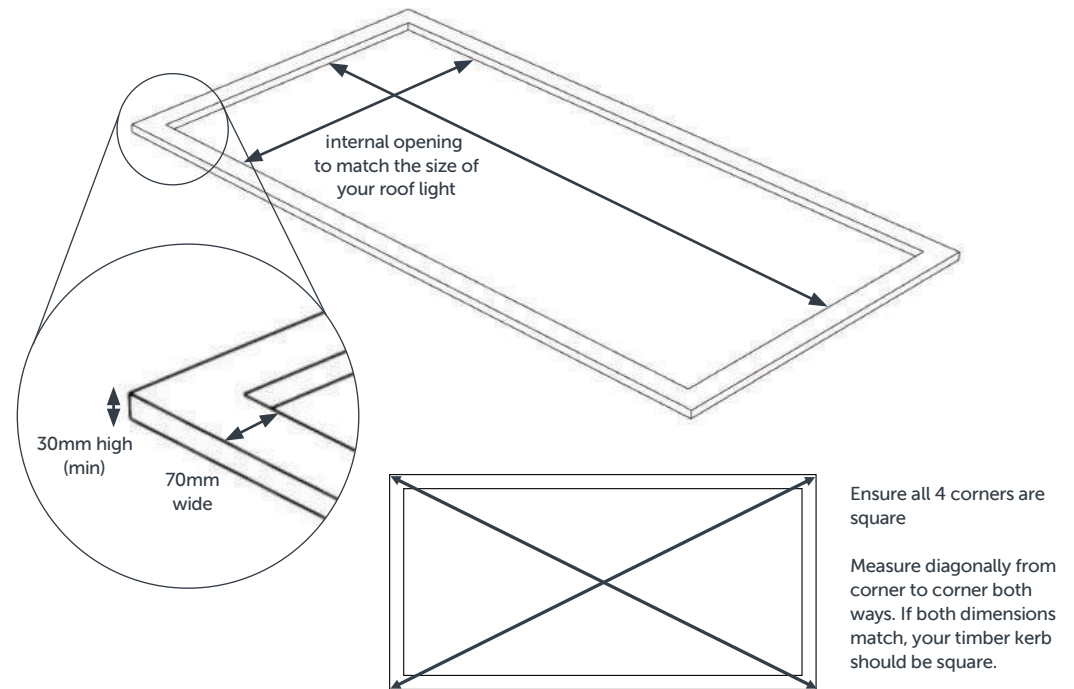
PREPARE A TIMBER KERB FOR YOUR ROOFLIGHT

Prepare a 70mm width timber kerb for your rooflight. This should be a minimum of 30mm in height from the finished roof level (at the lowest side). The internal dimensions of your kerb should match the internal dimensions of the rooflight/size ordered.

i) Before you begin the installation of your new roof light, you will have installed the timber kerb. The size of the internal opening should reflect the exact size of the roof light you have ordered. For example, the roof opening should measure exactly 2m x 1m for a unit that measures 2m x 1m.

Your timber kerb should measure 70mm in width, to match the width of the built-in upstand that you are going to assemble. We recommend a minimum height of 30mm from roof level, but this can be increased if required.

The upstand should be perfectly level and we also recommend that you check the corners have a 90° angle, by measuring it diagonally from corner to corner before starting the assembly of the roof lantern.



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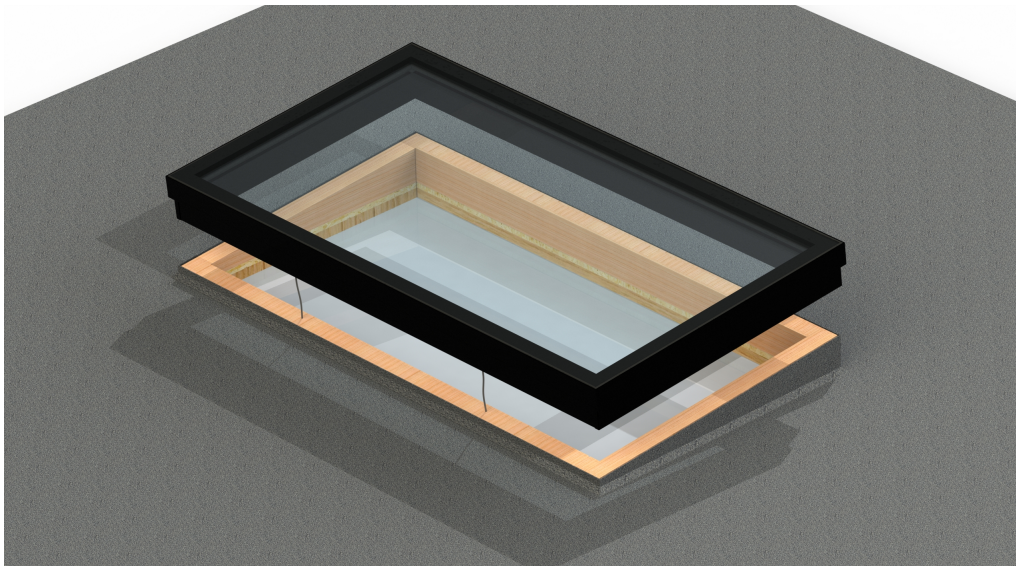
Call us: 0116 269 6297
Mon-Fri 9-5pm

STEP TWO

CREATE HOLES/GROOVES IN THE TIMBER KERB TO RUN THE ROOFLIGHT CABLING INTO THE PROPERTY

Trial fit your rooflight and mark a suitable location to drill a hole/s or create notches for the rooflight's actuator cables - *Please refer to the cable location guide located on page 8 of this document, if you have opted for the remote controlled/rain sensor option. This gives advice as to where we recommend the control box can be located within the property.*

You do not need to refer to this guide if you have a control switch controlled rooflight. For switch controlled rooflights, you will just be extending the actuator cable/s to your chosen location of the control switch in the room below.

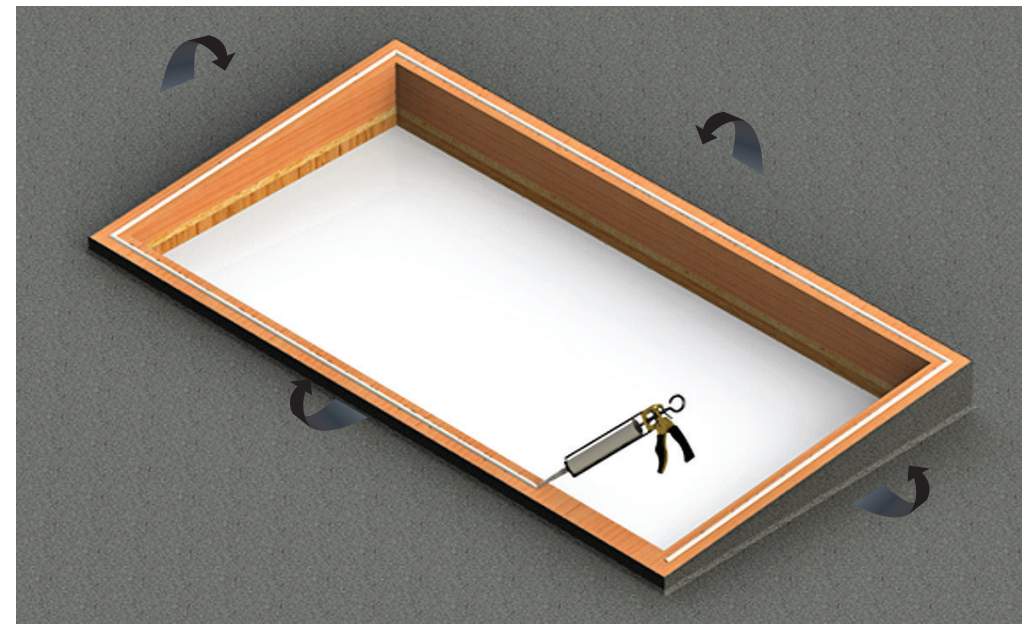


STEP THREE

APPLY SILICONE AROUND THE TOP FACE OF THE TIMBER KERB

Apply the flashing/roof membrane to the sides of the kerb (Leaving the top face as exposed timber) and apply a thick bead of silicone around the top face, closer to the outside edge of the kerb.

You can now place the rooflight onto the kerb and connect it to the power supply, ready to open the rooflight and fix it with the provided long screws. The wiring guides for both control switch and remote controlled variations, can be found at the end of this document.



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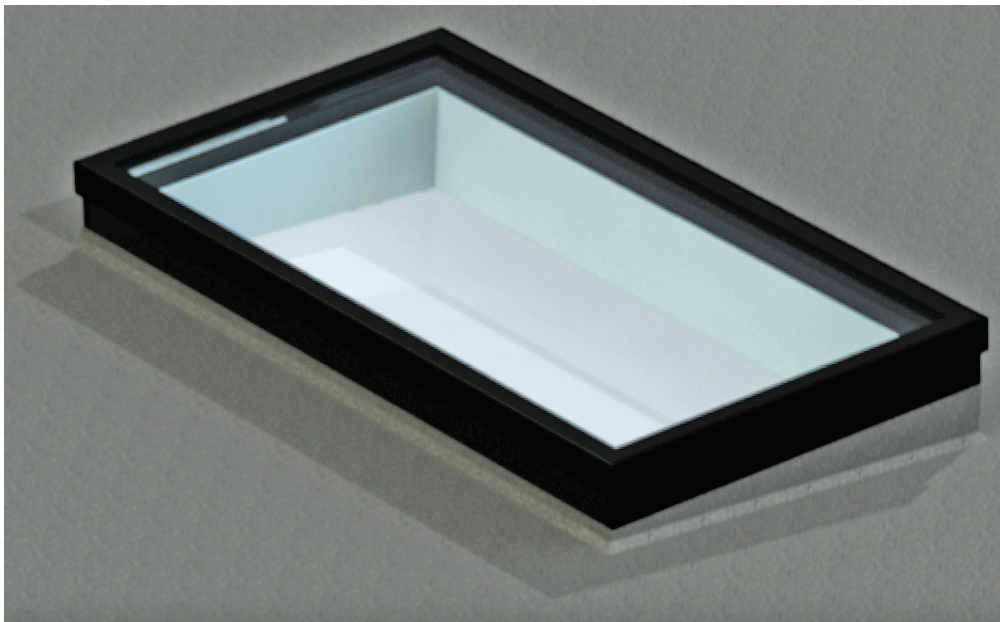
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STEP FOUR

SCREW FIX THE ROOFLIGHT TO THE TIMBER KERB

Open the rooflight via the remote control/control switch and secure it to your kerb through the preformed holes in the top of the rooflight's base frame with the long screws*. For plastering finish guidelines, please follow the roof section fitting guide, on page 7 of this document. Your Hinged Opening Flat Rooflight is now fully installed.

*Wiring guides for both control switch controlled and remote controlled rooflights can be found on pages 8-10



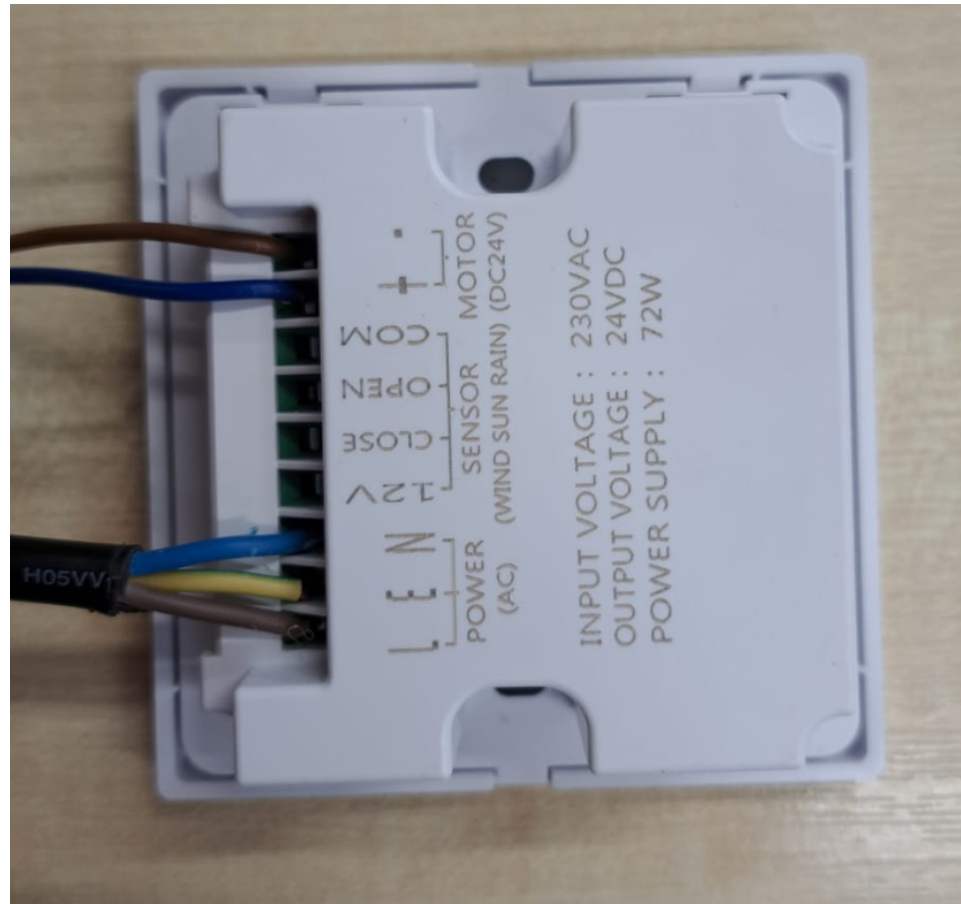
REMOTE CONTROLLED ROOFLIGHTS: WIRING AND CABLE EXTENSION GUIDE

Wiring Guide - Control Box

The dimensions of the control box are 86x86x35mm. The control box doubles up as a wall mountable control switch, so it can either be mounted in a convenient and accessible location - or alternatively (if the optional remote was purchased) it can be concealed behind an access panel. The diagram below explains how to connect the power supply, the rooflight actuator/s. There are various different types of actuator cabling, which will vary dependant on the type and size of the rooflight. These options can be found overleaf along with guidelines on how to wire them in to the motor output pairs.

Rooflight wiring

Mains power



REMOTE CONTROLLED ROOFLIGHTS: WIRING AND CABLE EXTENSION GUIDE

Wiring Guide - Actuator Cable Types

The table below shows the different types of actuator cabling provided when you have a remote controlled rooflight with a rain sensor. The cable type will vary dependant on the type and size of rooflight motor that is fitted. The table below has been broken down by rooflight type and provides advice on where to wire in to the motor output pairs inside the control box. We advise you follow these instructions to avoid experiencing voltage drop. You will need to extend the cables if you want to locate the control box further away from the rooflight than we advise in the cable location guide.

Access Rooflights



Slide opening flat rooflights and lanterns will always have 2 actuator cables. Wire in to the output pairs, as per the above diagram

REMOTE CONTROLLED ROOFLIGHTS: WIRING AND CABLE EXTENSION GUIDE

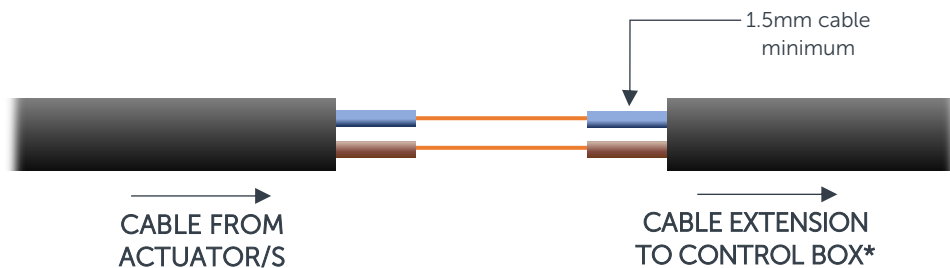
Cable Extension Guide

This guide explains how to extend the cabling for opening rooflights, which feature remote controlled operation and rain sensors. In some scenarios, dependant on where your rooflight is located and where you wish to place the control box, extending the cables might be a requirement. Your electrician must ensure that a suitable cable is used to avoid voltage drop occurring. This guide covers the **Slide Opening Rooflight and Lantern** and the remote-controlled versions of the **Hinged Opening Flat Rooflight** and **Hinged Opening Luxlite™**.

Here you will find guidance for extending cables up to a length of 15 metres. If you do need to extend further than 15 metres, please contact our technical department for advice.

The cable extension requirements for the rain sensor cable are outlined below and remain the same for all rooflights covered in this guide.

2 CORE ACTUATOR CABLE/S



For your extension cable, you will require a 2-core cable (minimum) with core cabling of a minimum 2mm diameter to avoid voltage drop, up to 10 metres. **If extending between 10-15 metres, use a minimum 2.5mm core cable.**

**If your rooflight has 2 actuator cables that need to be extended, please ensure they are extended to exactly the same length to avoid the motors operating at different speeds.*