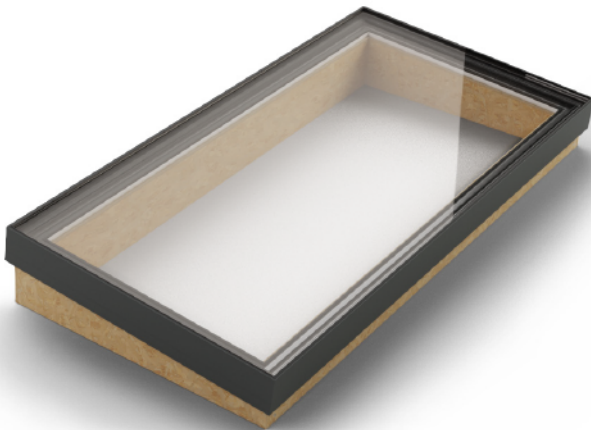


Install Guide for Techniical Rooflight

Tools Required

- Torque Adjustable Drill
- No.25 TX Torx Drive Bit
- Knife
- 3mm Drill Bit



Handling & Storage

While all flat glass rooflights and associated products are suitably packaged to avoid damage, you should take care when handling them. Always ensure you there's an appropriate number of people available to move larger items.

All rooflights and accessories must be stored on a flat, dry surface under cover if they aren't going to be installed immediately. Please also ensure that heavy items are not stored on top of the units.

Flat glass rooflights should not be stored on edge at any time. This could cause detrimental damage to the silicone seal and create latent stresses within the glass.

Components should not at any time be left in direct sunlight until installation is complete. Heavy items should not be placed on top of them as this can lead to damage or distortion.

The HSE publication Safety in Roofwork HSG33 gives good advice on the necessary precautions, safe working practices and procedures that need to be adopted when working on roofs.

Constructing & Waterproofing a Timber Curb

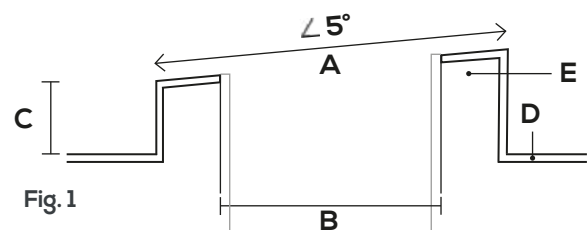
Construct the upstand using relevant timber and insulation materials to achieve U value, slope angle and strength required. The top of the curb should be a minimum 75mm; Upstand detail must be created in accordance with Part L. With the new Part L Thermal building regulations requiring all upstands built on site, either new build or refurbishment projects meet a u-value of 0.35W/(m2K).

Alternatively to insure passing building regulations you can purchase an EOS insulated upstand.

Upstand must be flat-topped (we recommend a 5° slope angle for water run-off. See Fig. 1). Apply the waterproofing (in accordance with Manufacturers Recommendations) up and right across top of upstand to give a flat even surface.

Construct the upstand according to the external size required. Note that the thickness of curb material will affect the daylight size.

- A Overall upstand size including waterproof membrane
- B Internal structural size (order size)
- C Minimum height: 150mm
- D Waterproofing membrane
- E Builders curb



Waterproofing:

Follow the waterproofing membranes manufacturer's recommendations for applying to timber ensuring the membrane is applied up side of curb and across top to inside edge of curb

Note: for asphalt or applications in excess of 13mm thick, we recommend contacting the technical team to ensure rooflight can still be securely fixed on curb.

Install Guide for Techniical Rooflight

1. Double check the external curb dimensions to ensure the upstand has been constructed to the correct sizing specification.

IF THE UPSTAND IS SUPPLIED BY EOS SKIP TO STEP 5.

2. Check size of rooflight and compare with the size of the external curb to make sure the rooflight will fit down over the curb.

Note: Care should be taken to avoid damaging or scratching components.

3. Check that the upstand is installed correctly and in one continuous plane. We advise a minimum of 5° slope on the curb to minimize water pooling and potential staining or aesthetic issues. Whilst the product can be installed without detriment to the warranties, the manufacturer cannot be held responsible for any excessive pooling of water to the surface of the rooflight post installation, if installed without an adequate fall.

4. Position and apply foam tape to the top of the outside of upstand, so that it provides continuous seal with tight butt joints wherever tape meets or joins. See Fig. 2.

5. Position the rooflight onto the top of the curb ensuring the foam tape is in contact with the metal frame around the full perimeter of the curb ensure that the unit is positioned centrally on curb with equal gap (minimum 10mm) between outside of the curb and internal face of the rooflight drip flange.

6. Using the fixing screws supplied, fix the frame to the curb horizontally through the fixing holes pre-drilled in the lower part of the perimeter frame.

7. Clean and snag any details.

Please note: Once the rooflight has been installed, all the protective film should be removed on the day of installation. The protective film, which has no UV protection, will become brittle and difficult to remove over time and may damage the paint if left for a prolonged period.

