



Triple Glazed Flat Rooflight/Skylight Fitting Guide

Custom Rooflights Ltd Oct 2025

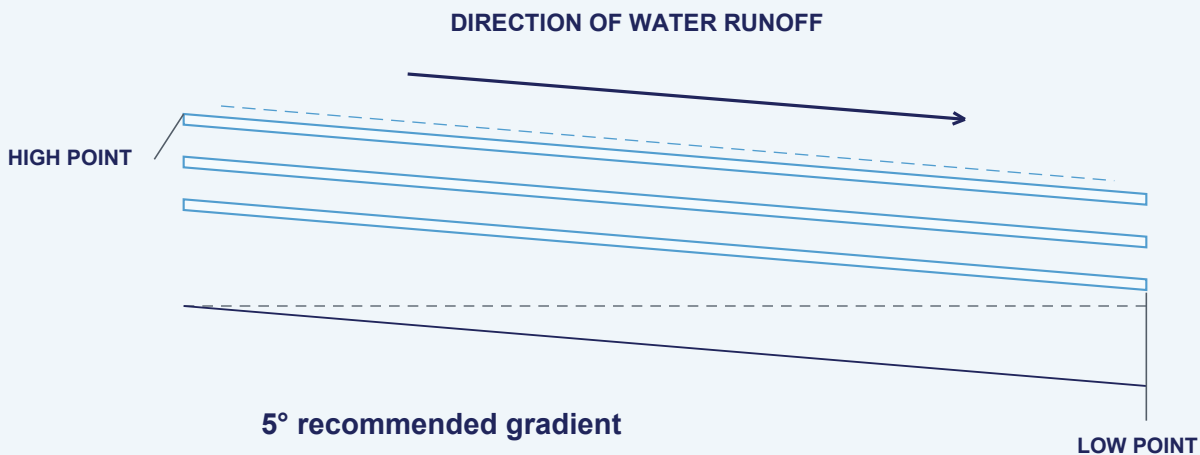
BEFORE YOU START

Check the fall. Test the water.

WATER TEST REQUIRED

Before installing your rooflight/skylight YOU MUST carry out a water test prior to fitting.

The recommended gradient is 5 degrees to run in accordance with the fall of your roof. A simple water test needs to be carried out and can be done by pouring water on the highest point of the rooflight/skylight and look for any pooling as the water runs away. You need to ensure the rooflight/skylight is fitted with the correct fall to allow water to run off the glazing.

DETAIL 01 / GLAZING FALL - SIDE ELEVATION

Schematic - not to scale. Follow the water-test instructions above.

CRL take no responsibility for any water pooling after installation if set at the wrong height.

CRL take no responsibility for any water pooling after installation if set at the wrong height.

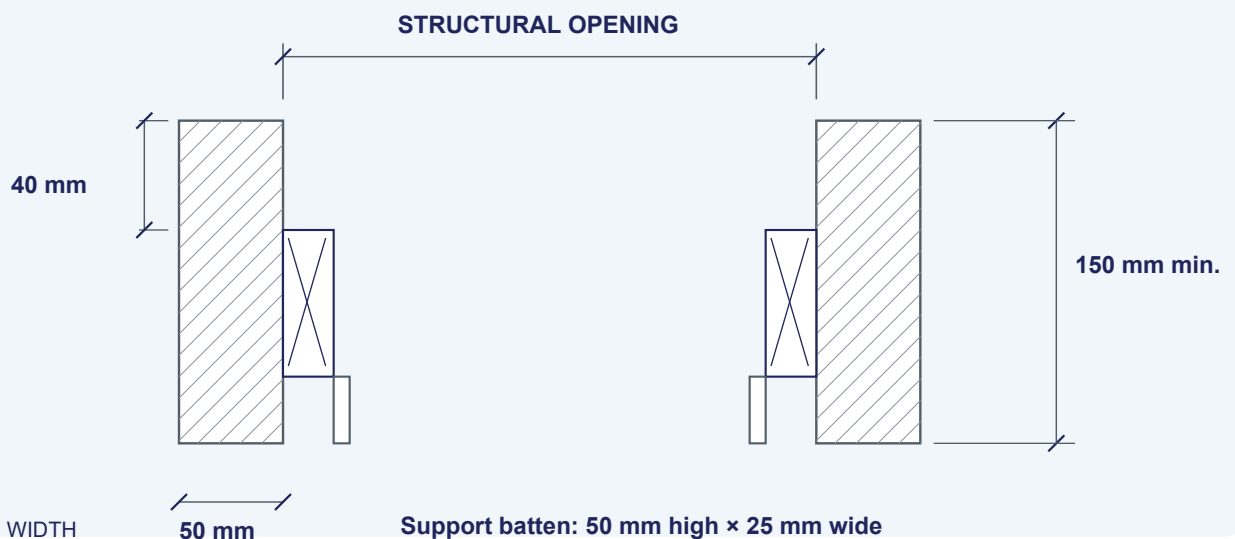
STEPS 01 - 02

Measure & build

01 Measure the structural opening

Firstly, measure out the area you wish to site your rooflight/skylight, ensuring all the internal dimensions are correct with the product you have purchased. Your internal opening needs to be 50mm larger than the size you have order (for example if you have ordered a 1000mm x 2000mm, your internal opening needs to be 1050mm x 2050mm exact).

DETAIL 02 / STRUCTURAL OPENING - SECTION



Schematic - not to scale

02 Create the timber upstand

Create your timber upstand around the structural opening ensuring the internal face of the upstand are flush with your joist work. Your upstand needs to be 50mm wide and a minimum of 150mm high at the lowest point. (6" X 2")

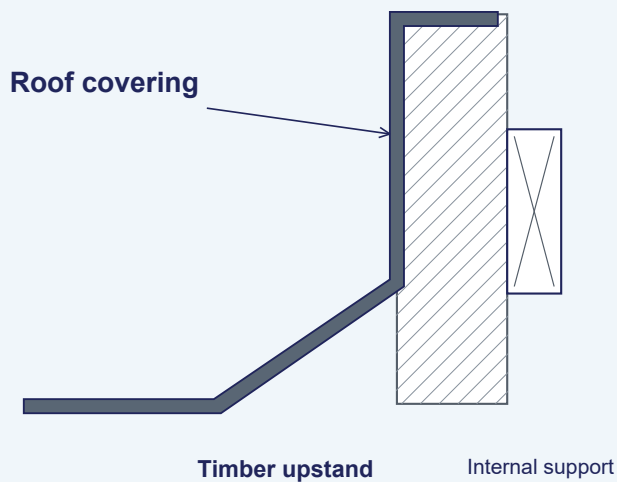
STEPS 03 - 04

Support & roof covering

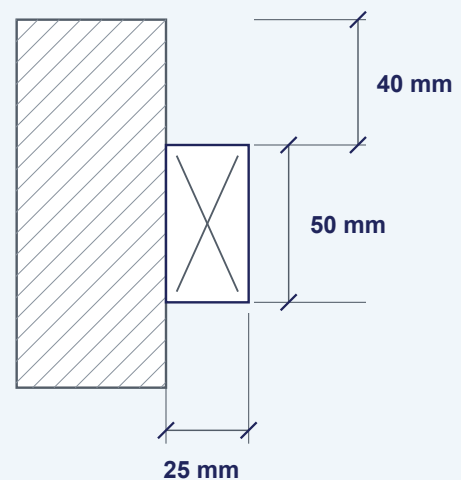
03 Create the internal support

Create the internal support, install a baton to the internal edge of your upstand. Place this 40mm down from the top of the upstand. This baton needs to be 50mm high and 25mm wide.

DETAIL 03 / ROOF COVERING



DETAIL 04 / BATTEN



Schematic - not to scale

04 Finish the roof covering

Now proceed to finish your roof covering up to the top of your upstand .

STEP 05

Prepare the seal

05 Apply silicone & glazing tape

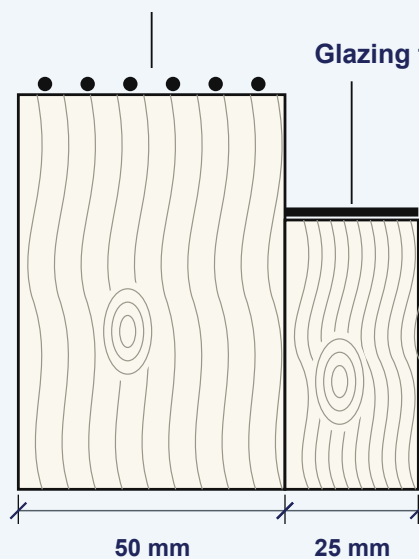
Apply a low modulus & high movement silicone to the top flat surface of the Upstand, Now apply glazing foam tape to rebated part of the upstand.

DETAIL 05 / TIMBER UPSTAND - SEALANT & TAPE



Silicone bead - black dots

Glazing tape - black line



Dots identify the silicone bead position; follow Step 5 for application. Not to scale.

SEALANT & WARRANTY

Using the wrong silicone can cause failure in the unit and will invalidate your warranty.

STEP 06

Lift & position with care

06 Position the rooflight/skylight

Position the CRL rooflight/skylight glazing into the upstand.

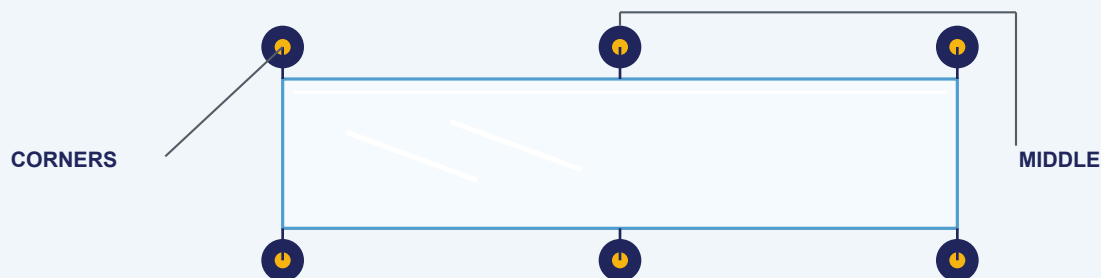
LIFTING / WARRANTY & SAFETY

For warranty and safety compliance we recommend all windows over 1000mm x 2000mm should have 6 persons to lift the window into place, one on each corner and one each side in the middle. You must do this to reduce stress to the middle section of the unit as the seal can bend if it's not fully supported. If the rooflight/skylight is not fully supported this may cause gas to escape in the future and CRL take no responsibility for this.

CRANE INSTALLATION

If your window is being craned into position you must ensure the crane operator secures the middle area with straps as they don't always do this.

DETAIL 06 / LIFTING POSITIONS - PLAN



For units over 1000 mm x 2000 mm, as specified above.

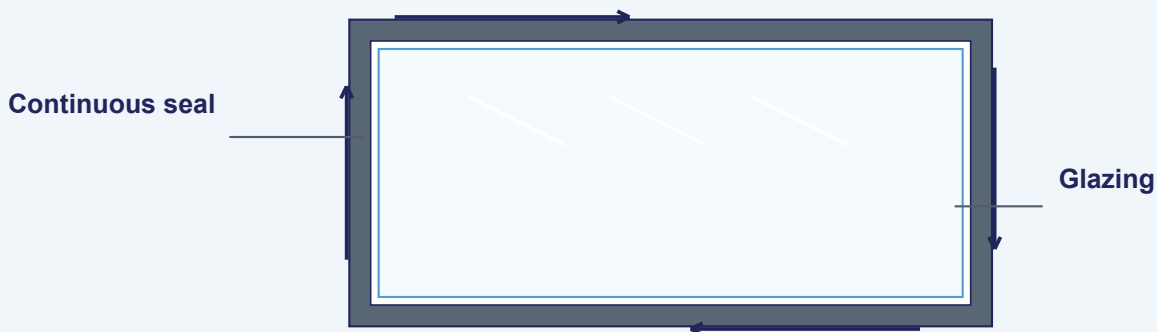
STEPS 07 - 08

Seal, cure & finish

07 Apply pressure & complete the seal

Apply pressure on the CRL rooflight/skylight glazing to ensure an even work your way around the perimeter of the rooflight/skylight. apply a further bead of silicone between the underside of glass and upstand. You should now have a impermeable bond between the upstand and the rooflight/skylight glazing.

DETAIL 07 / PERIMETER SEAL - PLAN



Work around the full perimeter as described in Step 7.

08 Allow to cure & clean carefully

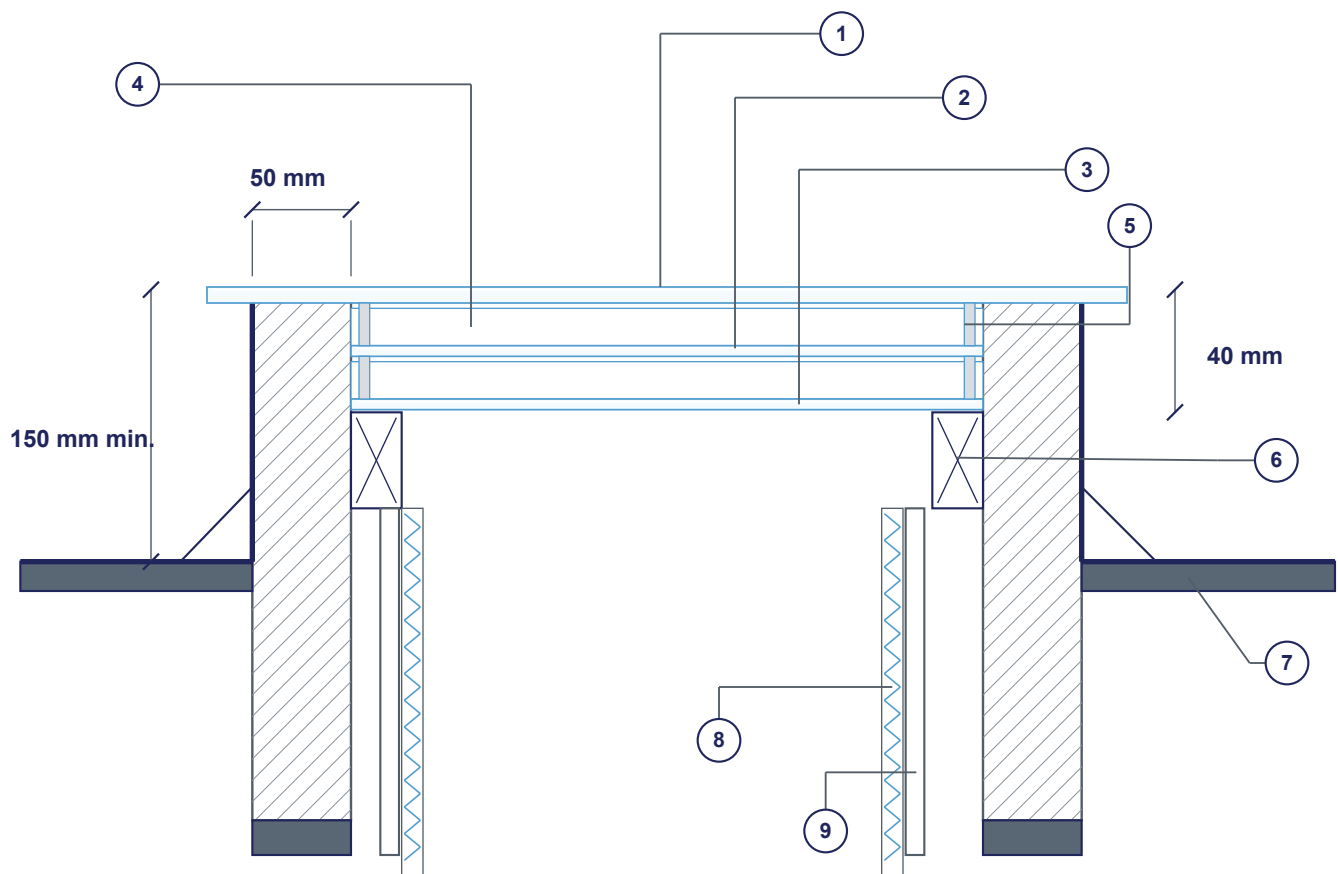
Leave the silicone to cure and then clean any excess off with a blade or scraper being careful not to scratch or mark your rooflight/skylight glazing.

TECHNICAL DETAIL

The rooflight assembly

A clearer view of the original glazing and upstand detail.

DETAIL 08 / ROOFLIGHT & UPSTAND - SECTION



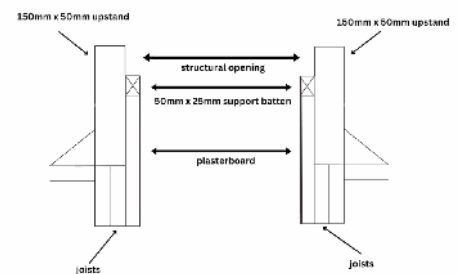
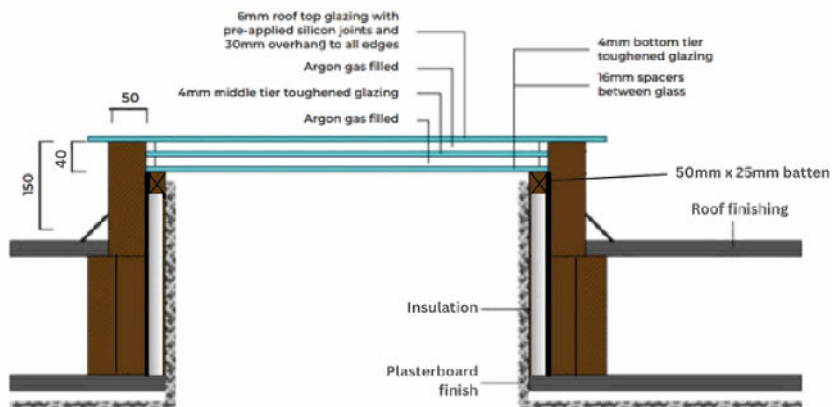
Schematic - not to scale. Dimensions and labels retained from the original guide.

- | | |
|---|---|
| <p>1 6 mm top glazing
Pre-applied silicon joints; 30 mm overhang to all edges.</p> <p>3 4 mm bottom glazing
Toughened glazing.</p> <p>5 16 mm spacers
Between glass.</p> <p>7 Roof finishing
Roof covering continued up the upstand.</p> <p>9 Plasterboard finish
Internal finish shown in the original section.</p> | <p>2 4 mm middle glazing
Toughened glazing.</p> <p>4 Argon gas filled
Between the glazing layers.</p> <p>6 50 mm x 25 mm batten
Internal support.</p> <p>8 Insulation
As shown in the original section.</p> |
|---|---|

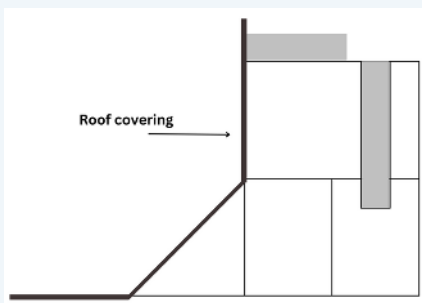
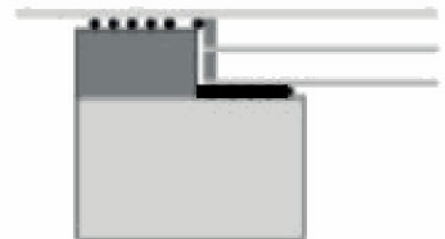
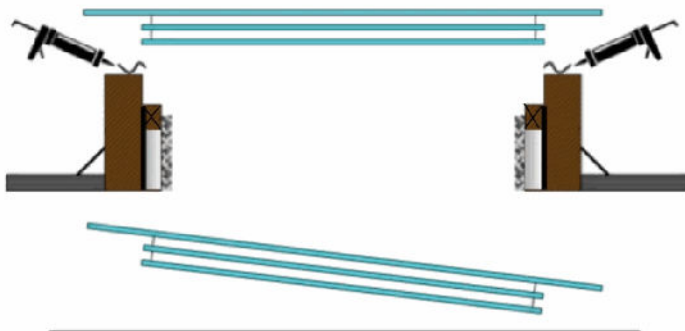
TECHNICAL REFERENCE

Original fitting diagrams

Original illustrations retained from the October 2025 guide.



Silicone Adhesive Sealant



READ WITH THE FITTING STEPS

The original diagrams are retained here alongside the new schematics. All fitting instructions, dimensions, lifting guidance and warranty notices are preserved in this guide.