ROOF MAKER

WORLD CLASS ROOFLIGHTS

Fixed Flat MK2

Specification & Installation Guide

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ROOF MAKER

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More Light.

More Living.

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Key Features

All Roof Maker rooflights are designed and manufactured in our own UK factory to the highest standards.

Each unit is fitted with our premium Reflex® toughened safety glass featuring an easy-clean coating for long-lasting performance and low maintenance.

A marine-grade, powder-coated, Black RAL 9005, Anthracite Grey RAL 7016 , thermally broken aluminium frame and ultra-slim design with minimal steel support provide excellent structural integrity, a clean contemporary finish, and maximise natural daylight.

All units are Made in Britain Certified and come with our market-leading **20-year IGU seal warranty** as standard.

Suitable for installation on flat roofs between 5 and 15 degrees.

Details

- Ug-values of 1.0 W/m²K (double glazing) and 0.5 W/m²K (triple glazing)
- Our glazing is tested to BS EN1279 parts 2 & 3
- 6mm toughened low e-soft coat inner
- 6mm toughened outer glass with a ceramic black border that protects the glass seals from UV damage
- 28mm double & 50mm triple glazed unit profile
- 16mm argon-filled cavity with black warm-edge spacer

See diagrams on page 05 - 08

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Key Features

Sizes

Available in 10 standard sizes,
with **bespoke sizes** on request

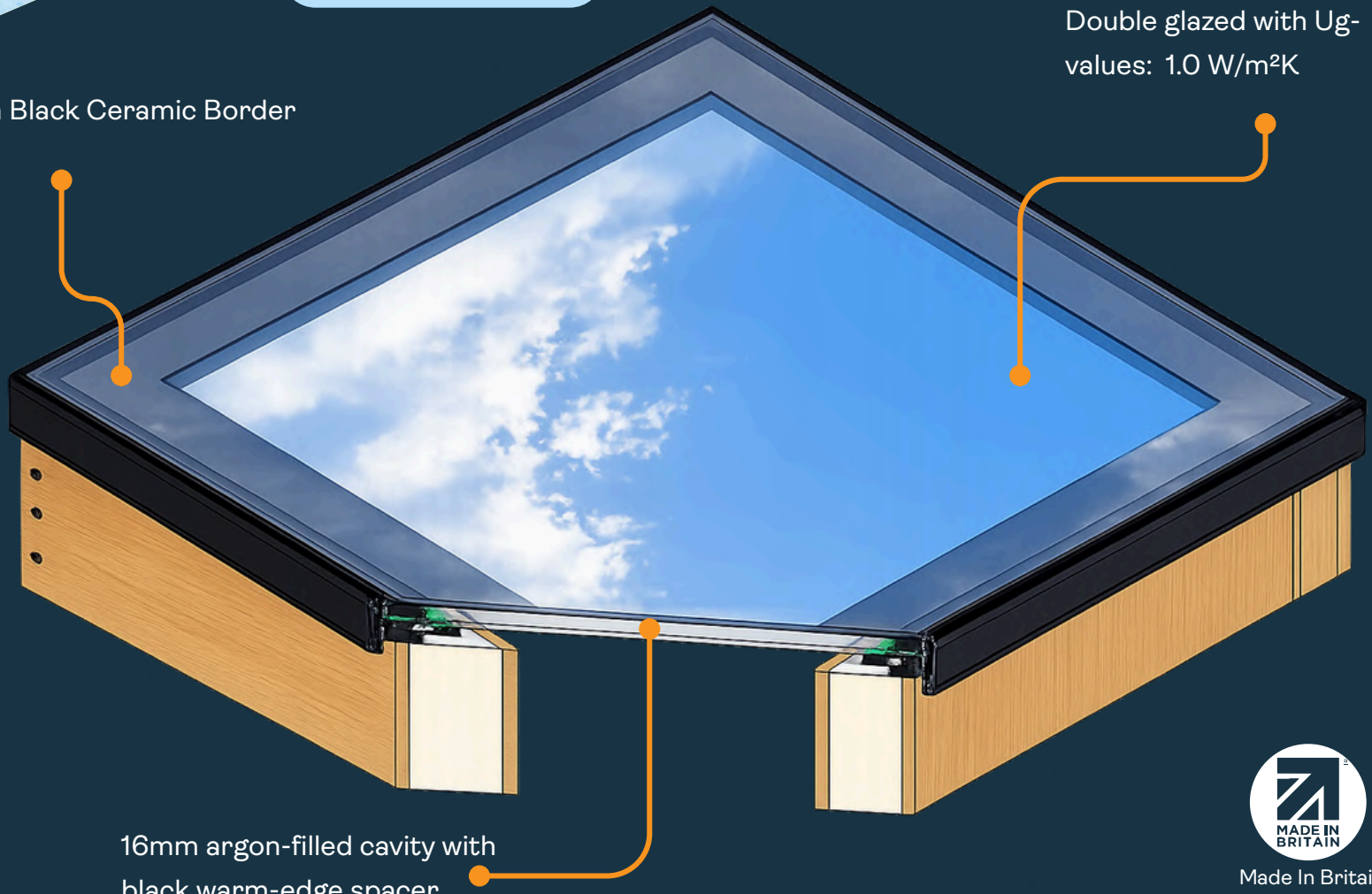
To fit the external upstand dimensions

External upstand sizes (mm)	Double Glazing WEIGHT (kg)	Triple Glazing WEIGHT (kg)
600 x 600	14.4	19.15
750 x 750	22.5	29.93
900 x 600	21.6	28.73
900 x 900	32.4	43.09
1000 x 1000	40	53.2
1200 x 600	28.8	38.3
1200 x 900	43.2	57.46
1200 x 1200	57.6	76.61
1500 x 1000	60	79.8
2000 x 1000	80	106.4

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Roof Maker Fixed Flat Rooflights

Double Glazing



Made In Britain certified

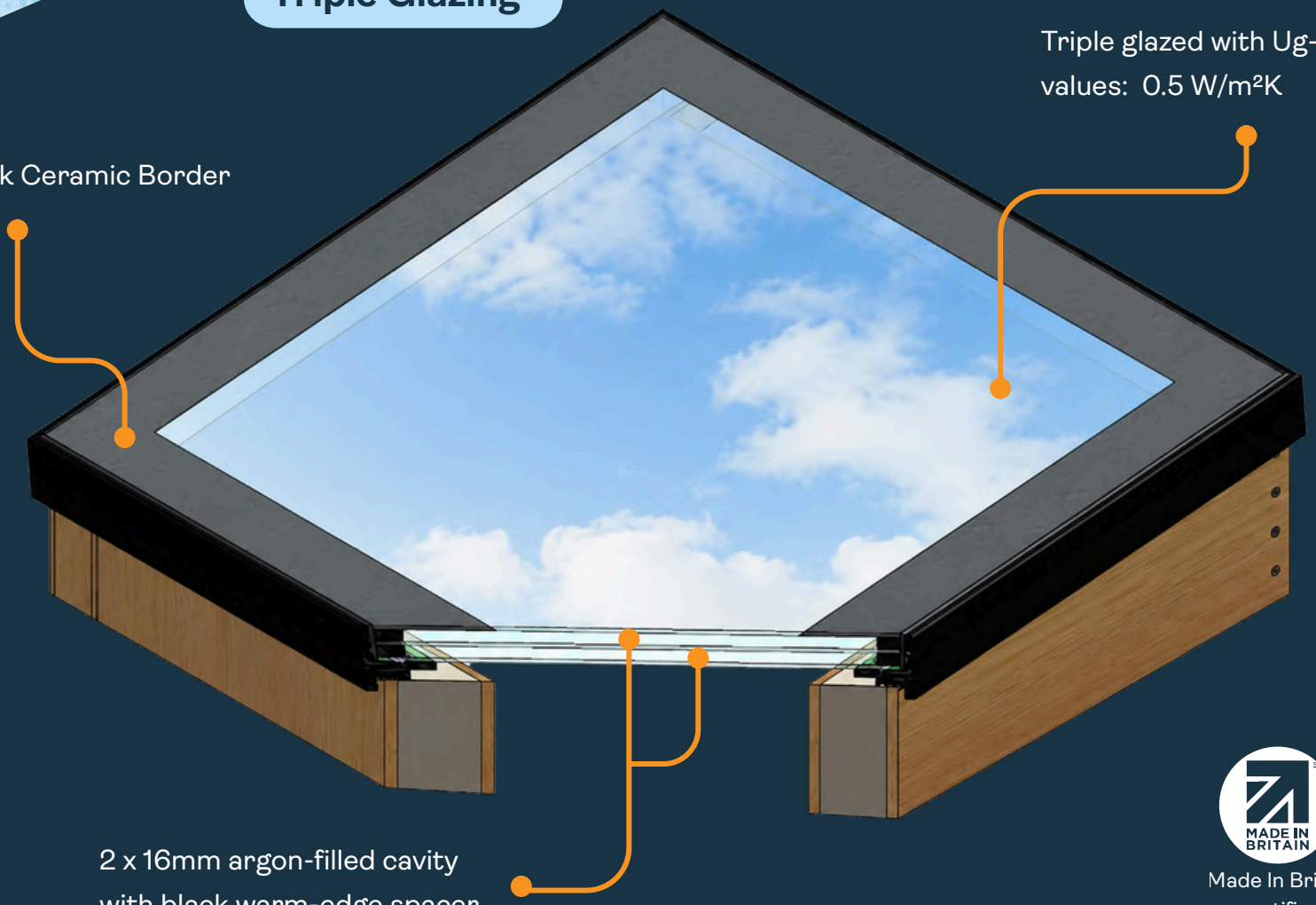
20-year unit seal warranty

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Roof Maker Fixed Flat Rooflights

Triple Glazing



Made In Britain certified

20-year unit seal warranty

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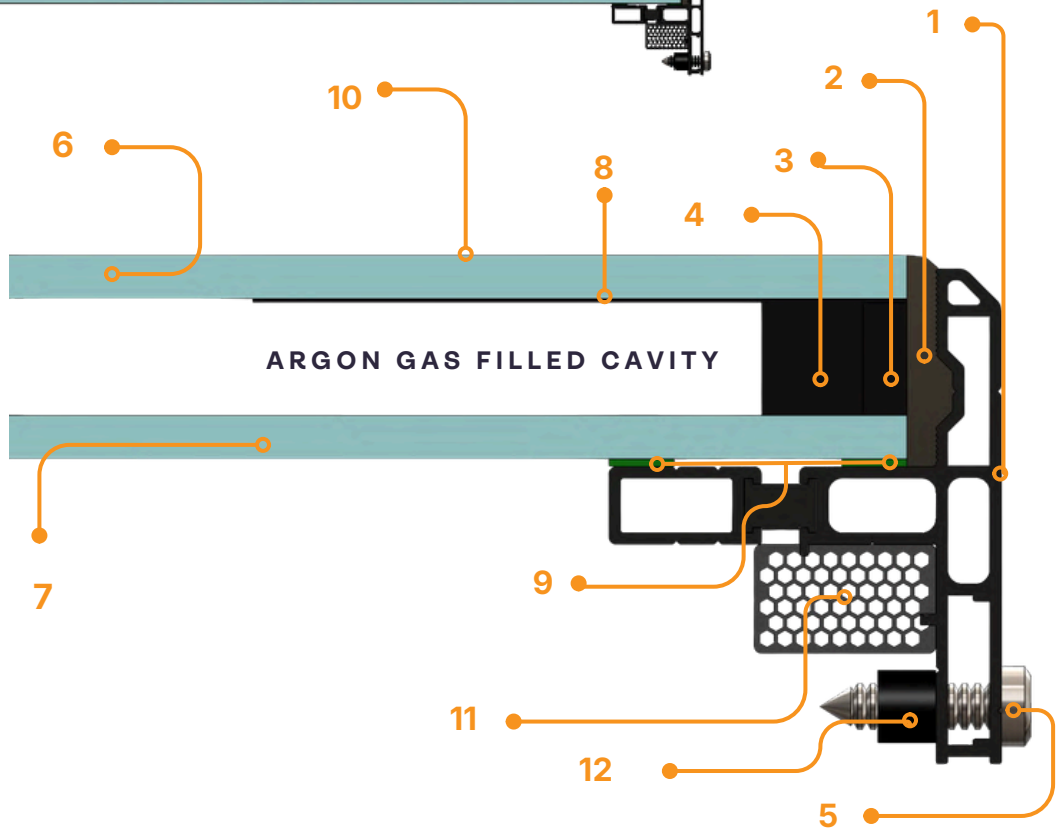
Roof Maker Fixed Flat Rooflights

Double Glazing



Ug-value of 1.0 W/m²K

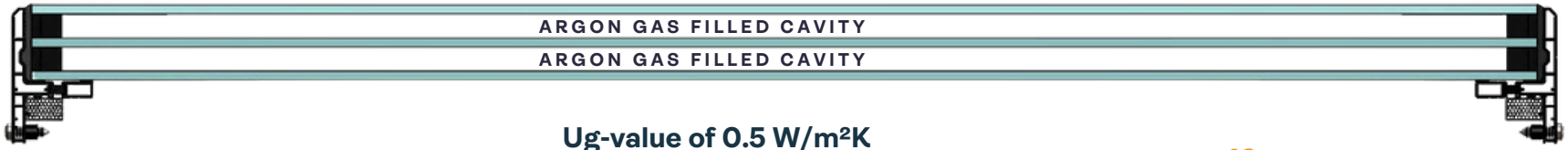
1. Thermally broken Frame
2. Silicone
3. Hot melt (22mm depth)
4. Warm edge spacer (16mm)
5. Fixing screw (M6)
6. Toughened outer panel (6mm)
7. Toughened low-E inner pane (6mm)
8. 90mm black UV blocking border
9. Glazing tape
10. Easy clean coating
11. Structural foam thermal break
12. Polyamide spacer



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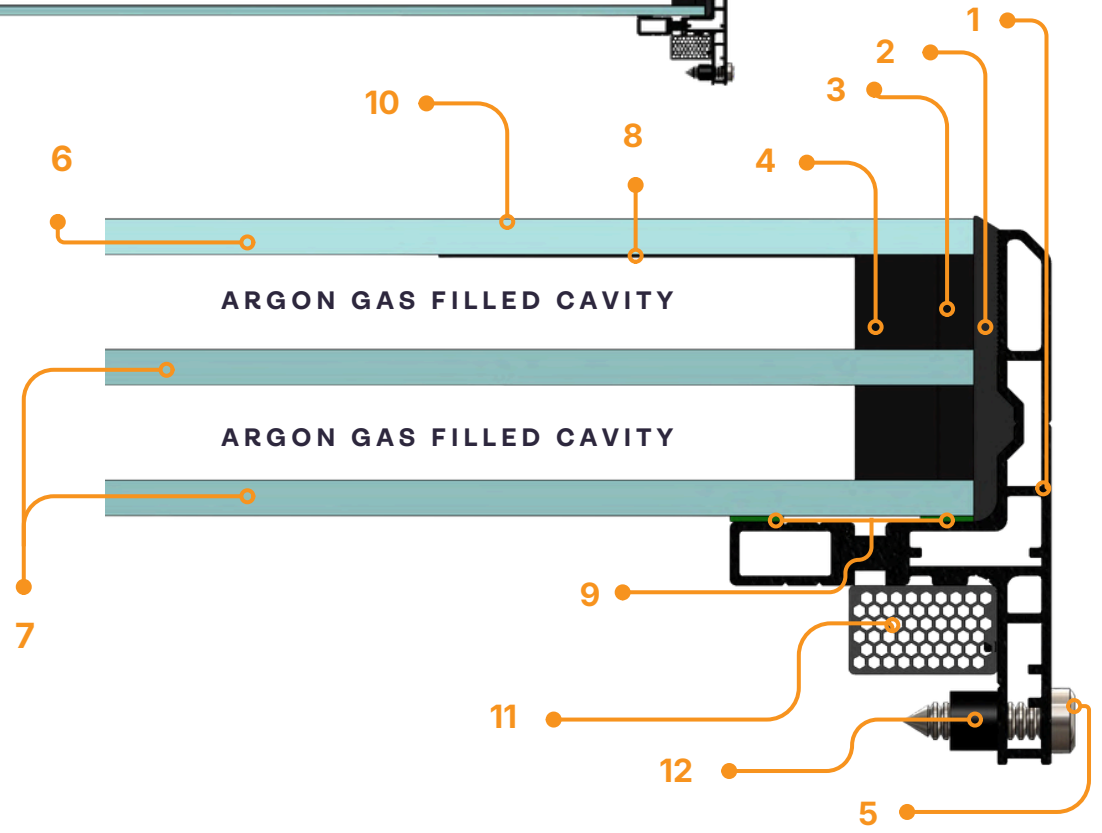
Roof Maker Fixed Flat Rooflights

Triple Glazing



Ug-value of 0.5 W/m²K

1. Thermally broken Frame
2. Silicone
3. Hot melt (22mm depth)
4. Warm edge spacer (16mm)
5. Fixing screw (M6)
6. Toughened outer panel (6mm)
7. Toughened low-E inner panel (6mm)
8. 90mm black UV blocking border
9. Glazing tape
10. Easy clean coating
11. Structural foam thermal break
12. Polyamide spacer



Delivery and Fitting

Delivery

We offer fast UK-wide delivery using our own vans, ensuring your rooflight arrives safely and efficiently.

Our experienced dispatch team will contact you within 24 hours of your order being placed to arrange delivery. On the day of delivery, you'll receive a call approximately one hour before arrival on site.

For deliveries to Scotland, Cornwall, and selected remote areas, a trusted third-party courier may be used.

Lead time

- **Standard lead time:** 5–8 working days
- **Scotland & Cornwall:** may take slightly longer due to set delivery days

Preparation

To install the Fixed Flat rooflight, you also need to prepare:

- Glass lifting suction cups for the safe handling of larger rooflights
- Materials and tools for constructing a timber upstand
- A cordless drill/driver for securing the frame using the supplied fixings

Reminder

Always use appropriate lifting equipment and enough personnel when moving heavy rooflights or working at height.

Size Guide

Product weights may vary by ± 10%

External upstand sizes (mm)	Double Glazing WEIGHT (kg)	Triple Glazing WEIGHT (kg)
600 x 600	14.4	19.15
750 x 750	22.5	29.93
900 x 600	21.6	28.73
900 x 900	32.4	43.09
1000 x 1000	40	53.2
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1200 x 900	43.2	57.46
1200 x 1200	57.6	76.61
1500 x 1000	60	79.8
2000 x 1000	80	106.4

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Installation Guide for Flat Roofs

Building Regulations

Compliance with Building Regulations Part L should be considered before installation begins.

This regulations establish minimum energy efficiency and thermal performance standards for both new and existing buildings.

The installer must ensure all materials and construction comply with these requirements.

Where clarification is needed, advice should first be sought from your local Building Control Authority.

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If you are constructing your own upstand, please follow the step below.

Step 1 Timber Upstand Construction :

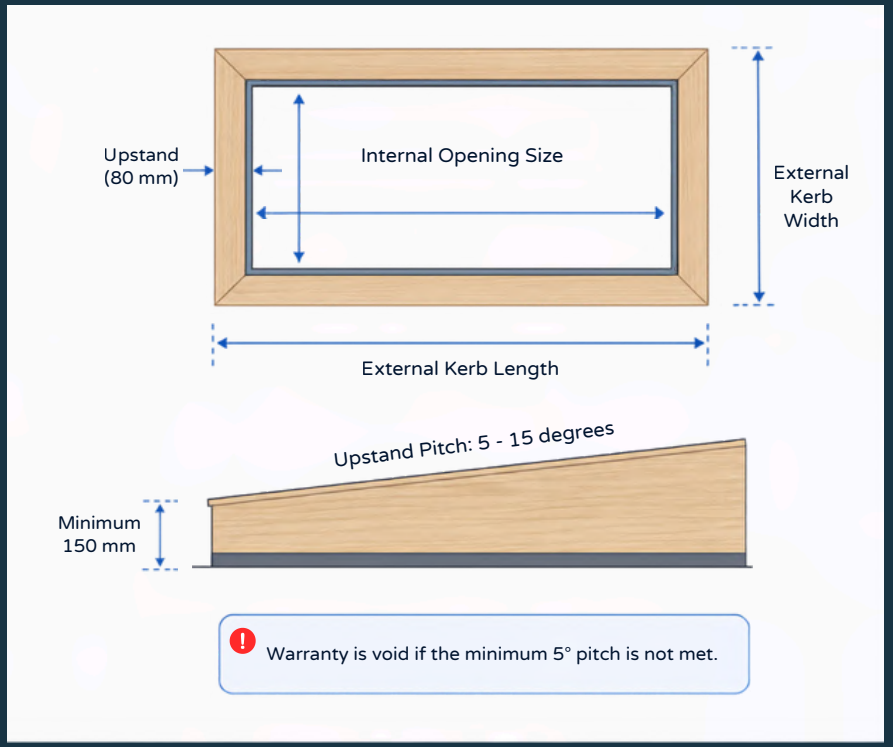
Timber Upstand Requirements

- Build a waterproof timber upstand with a width of 80mm, ensuring it extends a **minimum of 150mm** above the finished roof level at its lowest point
- Maximum Ug-value: 0.35 W/m²K for compliant thermal performance. Lower U-values provide better insulation and energy efficiency
- Match the external upstand size to the rooflight size (e.g. 600 × 600mm rooflight = 600 × 600mm external upstand).

Upstand Pitch

- Minimum upstand pitch: 5° for effective water drainage (or build the fall into the timber upstand if it's below 5°)
- Run the fall across the **shorter side** of the rooflight for the best visual finish, both internally and externally
- A 5° pitch is equivalent to a 1:11.5 gradient (e.g. a 1000mm wide rooflight requires an 87mm vertical rise)

Timber Kerb Dimensions



We recommend using Roof Maker's 5° insulated upstand (maximum Ug-value: 0.35 W/m²K)

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Installation Guide for Flat Roofs



Step 1 **Timber Upstand Installation & Waterproofing:**

Build the roof opening in accordance with current Building Regulations, providing additional structural support where required.

Install **Roof Maker's 5° insulated upstand** with external dimensions to suit the rooflight, ensuring all soakers are fitted before installing the rooflight. Prepare the roof opening:

Install the breather membrane and roofing battens, ensuring all corner details around the upstand are completed correctly.

Apply the chosen waterproofing system to all exposed surfaces, including the vertical faces and the top of the upstand. Ensure the manufacturer's waterproofing guidelines are followed.

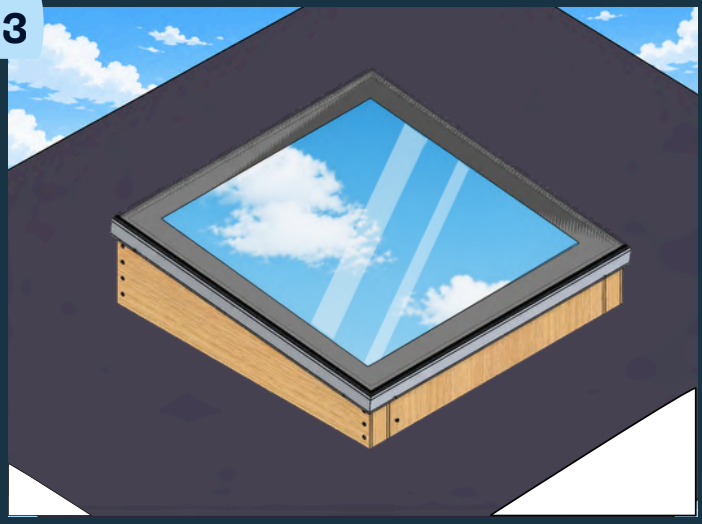
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Installation Guide for Flat Roofs

2



3



Step 2 Fit the rooflight :

Place the rooflight frame onto the prepared timber upstand, ensuring it is fully seated and evenly supported on all sides.

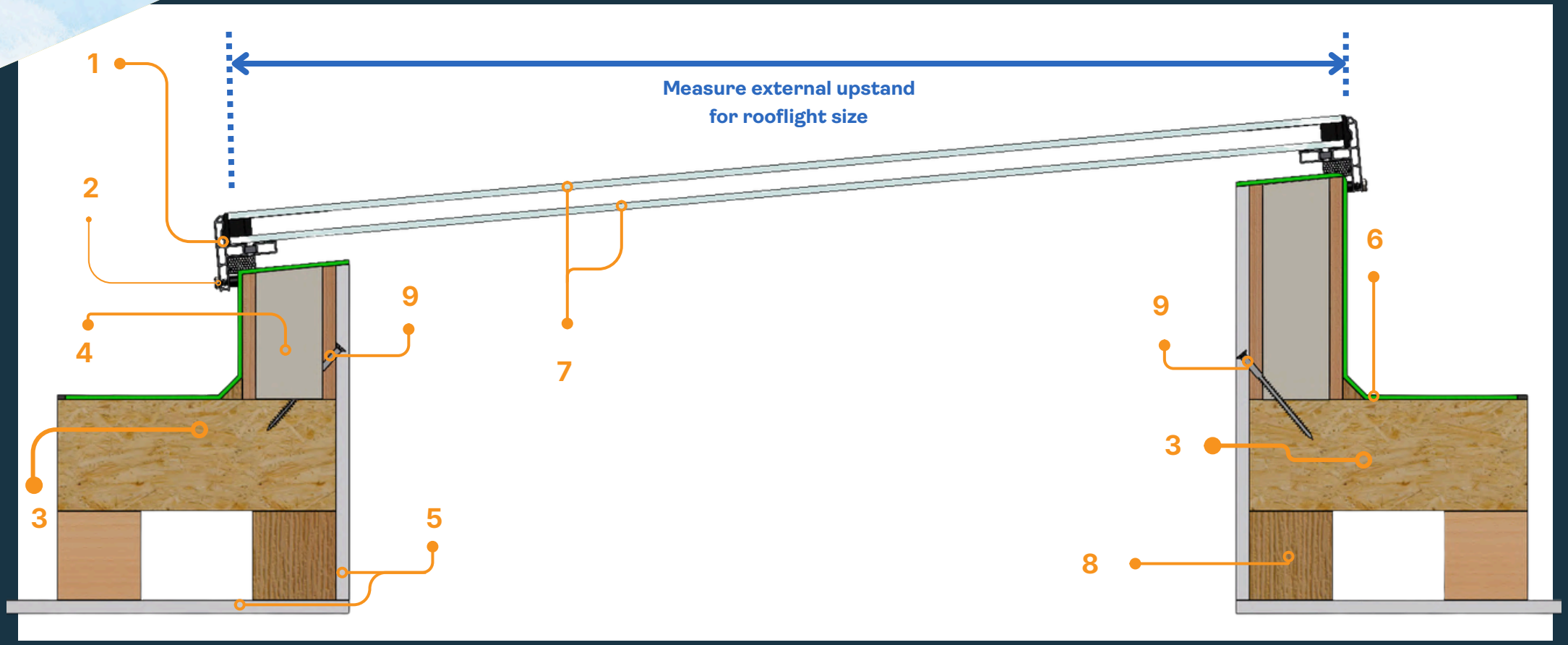
Step 3 Fix the frame:

Secure the aluminium frame to the timber upstand using the supplied fixings through the pre-prepared holes. Press the cover caps onto the washers to conceal the fixing heads.

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Construction Details for Flat Roofs

Double Glazing



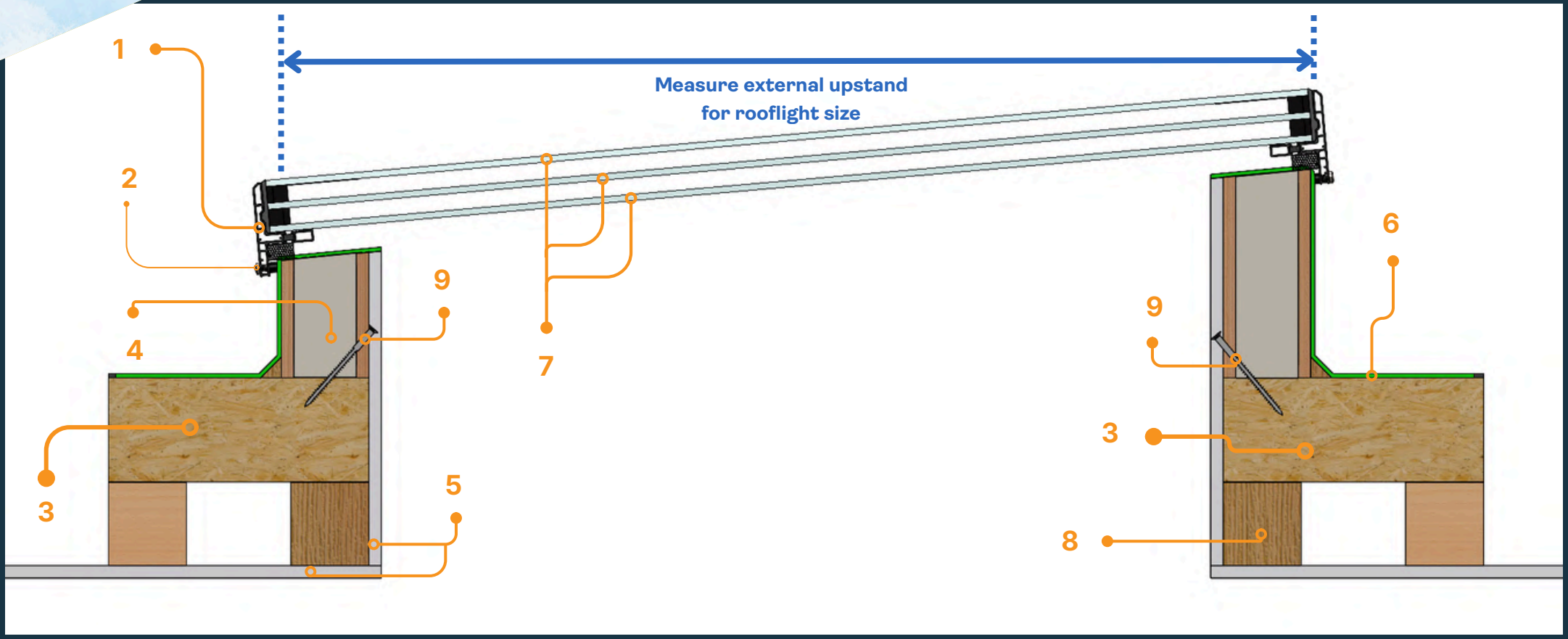
1 Thermally broken aluminium frame
2 Screw holes
3 Warm roof insulation
4 Upstand Insulation
5 Plasterboard
6 Waterproof covering
7 Double-glazed rooflight
8 Ceiling Joists
9 Fixing screw

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Construction Details for Flat Roofs

Triple Glazing



1 Thermally broken aluminium frame
2 Screw holes
3 Warm roof insulation
4 Upstand Insulation
5 Plasterboard
6 Waterproof covering
7 Triple-glazed rooflight
8 Ceiling Joists
9 Fixing screw

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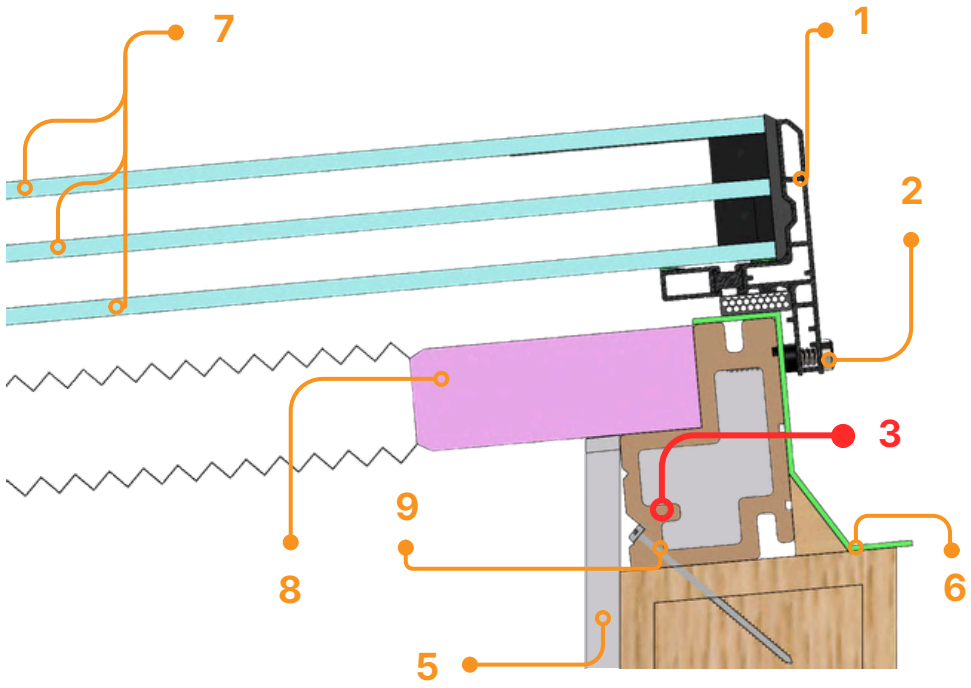
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Integral Blind Options

We prefit the SKY-BLIND into the rooflight

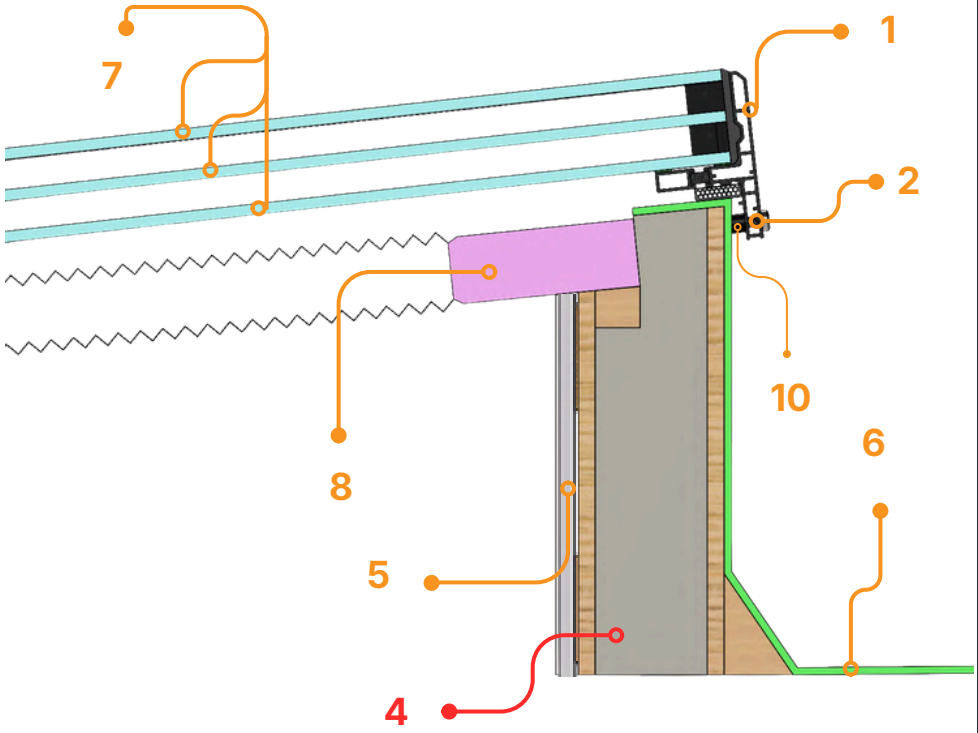
Option 1

If you have your own kerb, we fit the blind into the Composite frame



Option 2

If you use 5° insulated kerb from Roof Maker, we fit the blind into the kerb



1 Thermally broken aluminium frame
2 Screw holes
3 Composite frame
4 Upstand Insulation
5 Plasterboard
6 Roof membrane
7 Triple-glazed rooflight
8 Blind
9 Fixing screw
10 Spacer

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