

**Rooflight Factory**

# INSTALLATION GUIDE



[rooflightfactory.co.uk](http://rooflightfactory.co.uk)

# INTRODUCTION



Over the years, we've encountered numerous mistakes and poor installation practices when it comes to skylights—often leading to problems months or even years later.

That's why we believe it's important to share our experience and expertise, helping you avoid these common issues.

That's why we've created a comprehensive Step-by-Step Installation Guide to support a professional skylight installation.

While we fully guarantee the quality of our glazing units, the responsibility for correct installation lies with the builder or installer.



You are not obliged to follow the guidance below in full.

However, we strongly recommend adhering to it as closely as possible.



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*CLICK THE LINKS BELOW TO SEE  
OUR INSTALLATION VIDEOS*



Flat Roof Skylight Installation  
Guide Video - Step by Step



Pitched Roof Skylight Installation  
Guide Video - Step by Step

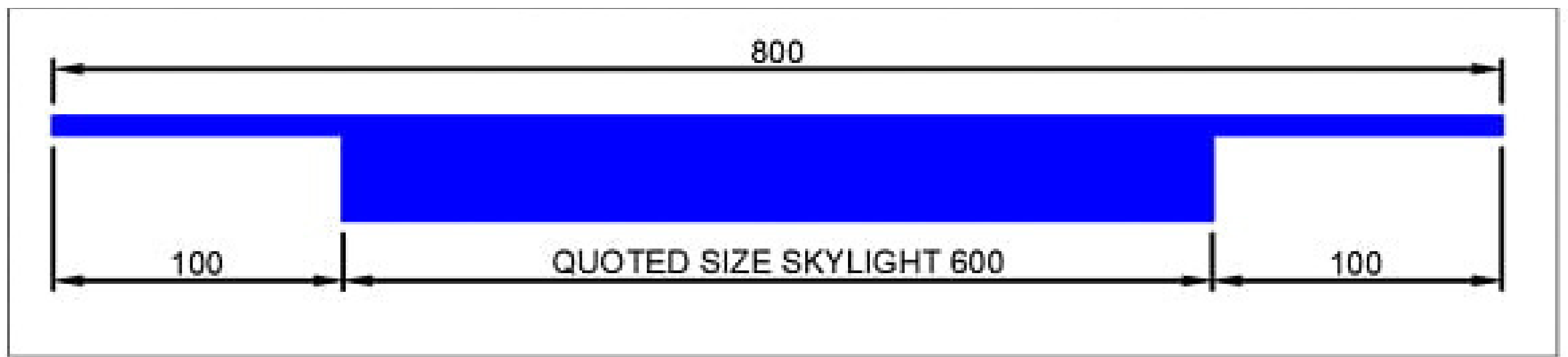
# STEP-BY-STEP INSTALLATION GUIDE

## Structural opening - provided By builder

Bear in mind our Skylights sizes are the sizes of the bottom (internal) glass panel. The top panel is stepped by 100mm on each side, and the overall externally visible size is 200mm bigger in both directions:



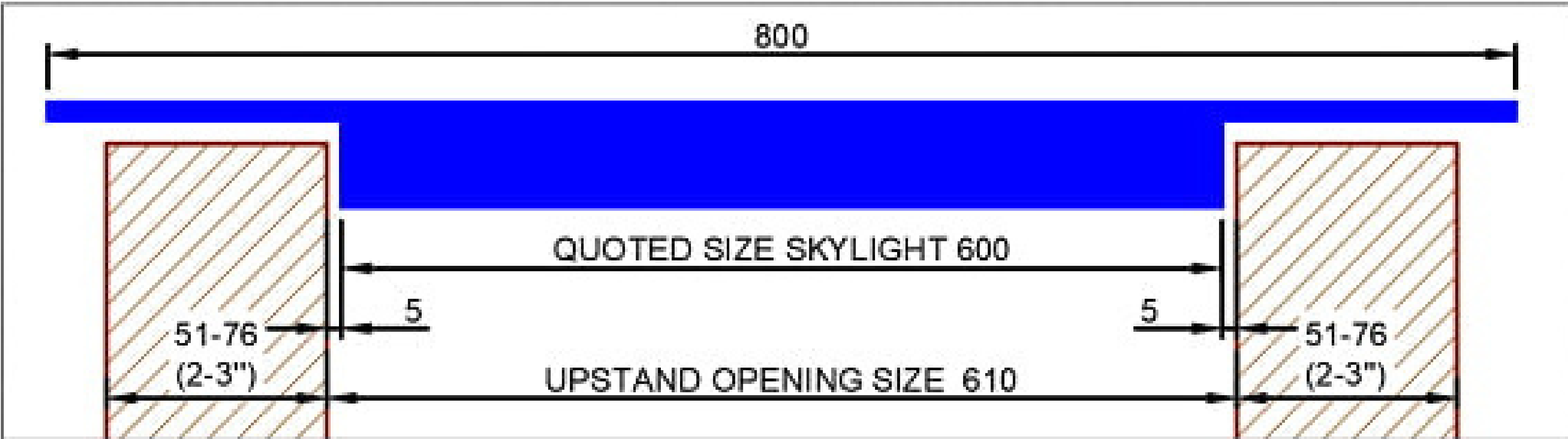
For example, only in this guide will we present installation sketches for a Skylight 600mm x 600 mm. For all other sizes, we provide installation sketches in the gallery of each size separately.



*DOUBLE/TRIPLE GLAZED SKYLIGHT 600x600mm has the following sizes:*

A minimum pitch of 8-10 degrees relative to the horizon must be provided to avoid water pooling in the middle of the glass panel (for every metre of Skylight a 10cm fall is required). It is worth spending a few extra minutes before applying the silicone to run a water test to ensure the water is not pooling (even though you are installing glass it will still bend in the middle). **The upstand must extend at least 150 mm above the roof level.**



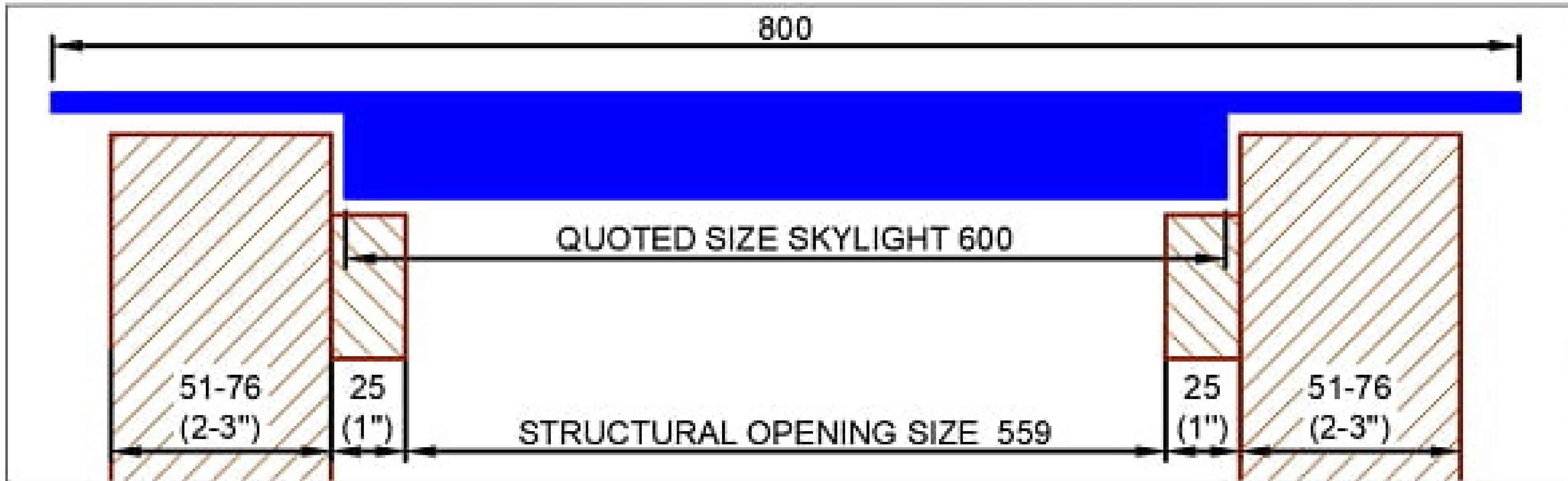


*The upstand opening should include a 5 mm tolerance on each side.*

The internal distance upstand to upstand needs to be 10mm bigger than the quoted skylight size (in our example: 610mm by 610mm)

*Skylight Support - provided By builder  
The Skylight support is a 25x50mm (2"x1") timber:*

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Install the support in such a way that the top of support is as follows:

- Triple Glazed Skylight
- 42mm below the top of upstand

# *Weather the upstand*

Apply the roofing material so that it covers both the outer face and the top of the upstand.



Once you finish weathering the upstand, you are ready to install the Skylight. Make sure all surfaces where the silicone will be applied are clean of dirt, dust, moisture, etc.



1. Apply the **foam rope** on top of the 2"x1" timber support to level off any discrepancies which will prevent any pressure and stop cracking on the bottom glass laminated pane. **THE WARRANTY WILL BE VOID IF A FOAM ROPE IS NOT USED.**
2. Apply, generously, on top of the upstand weatherproof **sealant**, usually, 1 tube is enough for 6 linear metres.
3. Lower the skylight with suction cups, and make sure you check the load on each cup.
4. Apply waterproof sealant to the underside of the overhang, then smooth it out to ensure a fully watertight seal.



Be careful what silicones you are using to install and weather tight your Skylight. We recommend the above products as fully compatible with our glazing unit silicones.

A chemical incompatibility between silicones used in manufacturing the glazing unit and installing it can lead to discoloration and/or loss of adhesion to the substrate.

This means possible depressurization of the glazing unit (allowing moisture to penetrate inside the glazing unit and internal condense), not sufficient bonding to the support structure, and poor weather tightness (possible leaks).

**THE WARRANTY WILL BE VOID IF A FOAM ROPE IS NOT USED OR IF IT HAS NOT BEEN PURCHASED FROM US.**

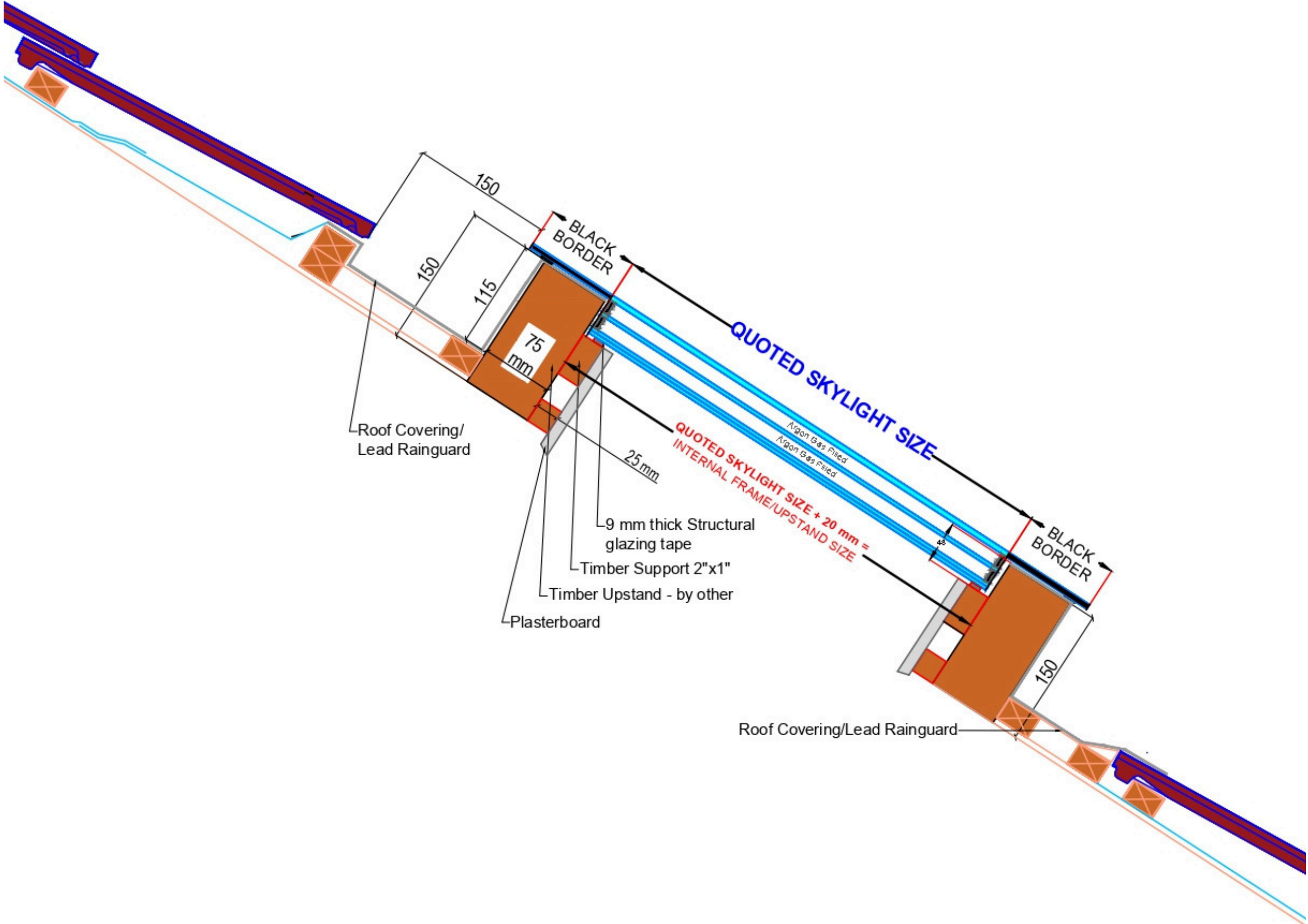
*For a pitched roof please follow the technical diagram below:*

With regards to the silicones we recommend the following products:

- Black weather silicone - DOWSIL 791 Weatherproofing Sealant

**DO NOT USE ACRYLIC SEALANTS!**

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# Skylight Specifications

**Glazing Type:** Triple Glazed

**U Value:** 0.9 W/m<sup>2</sup>k

**Self Cleaning:** YES

**20 years Warranty**

**Safety Toughened and Laminated Glass**

**Top Glass Pane:** 6mm BS EN 12150

Thermally Toughened Glass

**Middle Glass Pane:** 4mm BS EN 12150

Thermally Toughened Glass

**Bottom Glass Pane:** 44.2 Low E; BS EN

14449 Laminated Glass

**Internal Glass Size:** 300x300 mm

**External Glass Size:** 500x500 mm

**Net Weight:** 6.45 kg

**Clear Tint**

**All Glass Panels**

**Spacer Type:** 15mm Black

Warm Edge

**3xMore Light Than**

**Other Brands**

**Air Gap:** 15mm 90% Argon

Filled

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## CONTACT US

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