

# Skylights.co.uk

## Installation Guide





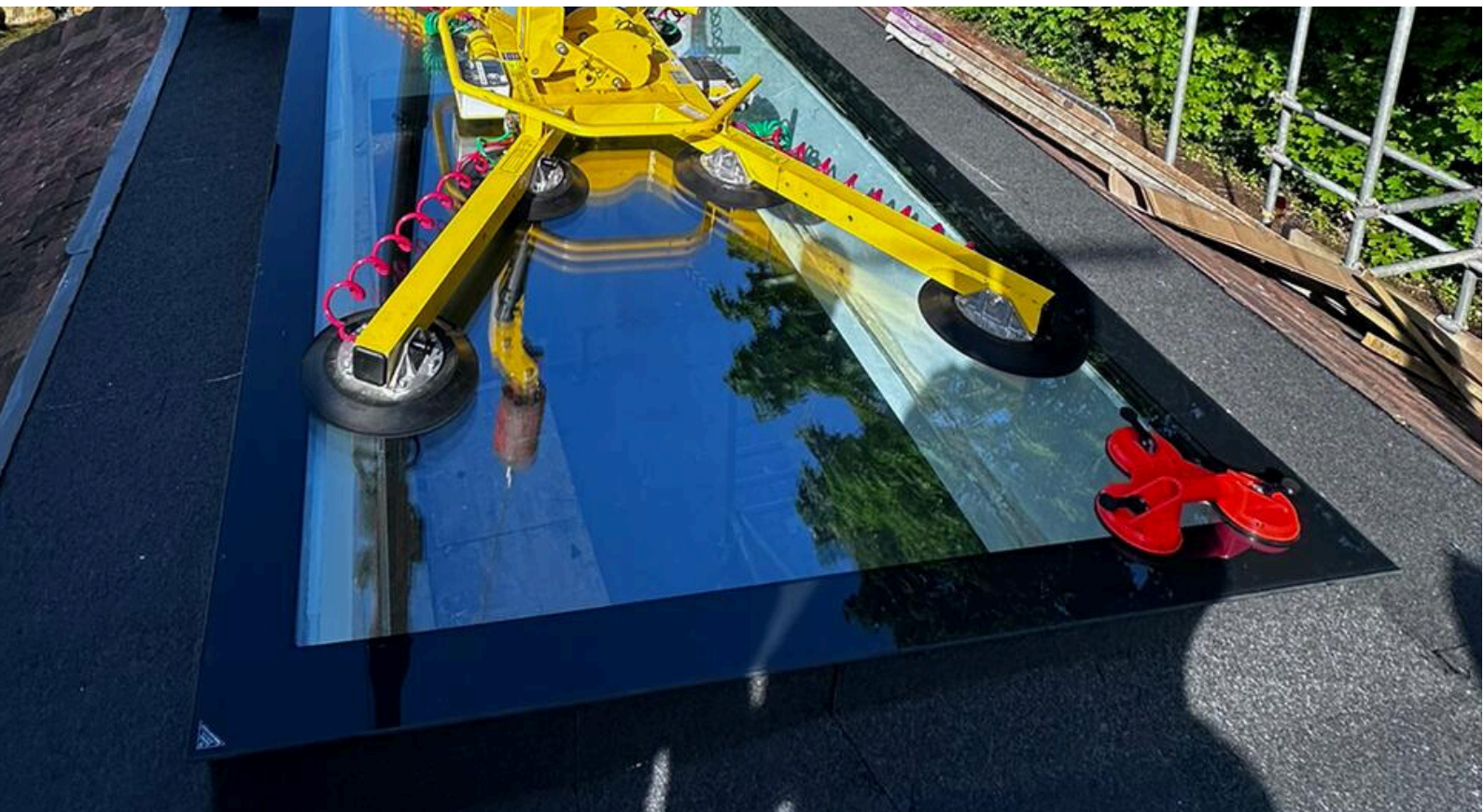
# INTRODUCTION

Through the years we have seen mistakes and poor practices in Skylight installations, which lead to many issues in the following months and years.

We feel obligated to share our experience and knowledge with you to avoid these issues.

That's why we have prepared a detailed “**Step-by-Step Installation Guide**” for a professional Skylight installation. We can, and do guarantee the quality of the glazing unit itself, but we can't take responsibility for the installation, it falls on the builder/fitter's shoulders.

You are not required to fully comply with our guidance below, however, we recommend you to follow it as fully as possible.





# STEP-BY-STEP INSTALLATION GUIDE

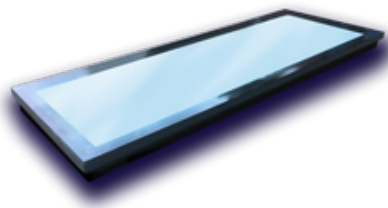
Structural opening - provided By builder

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:

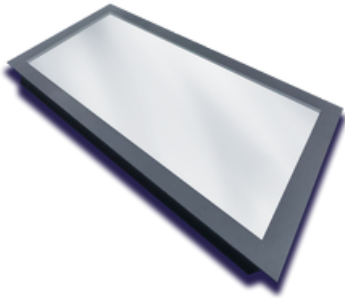
For example, only in this guide will we present installation sketches for a Skylight 600mm x 600 mm. For all other sizes, we provide installation sketches in the gallery of each size



CLICK THE LINKS BELOW TO SEE  
OUR INSTALLATION VIDEOS



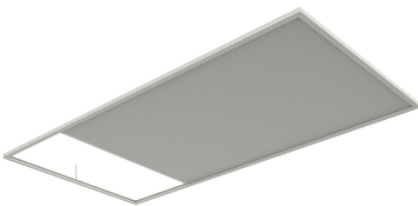
[Flat Roof Skylight Installation Guide Video - Step by Step](#)



[Pitched Roof Skylight Installation Guide Video - Step by Step](#)



[Roof Lantern Installation Guide Video- Step by Step](#)



[Electric Skylight Blinds Installation Guide Video- Step by Step](#)



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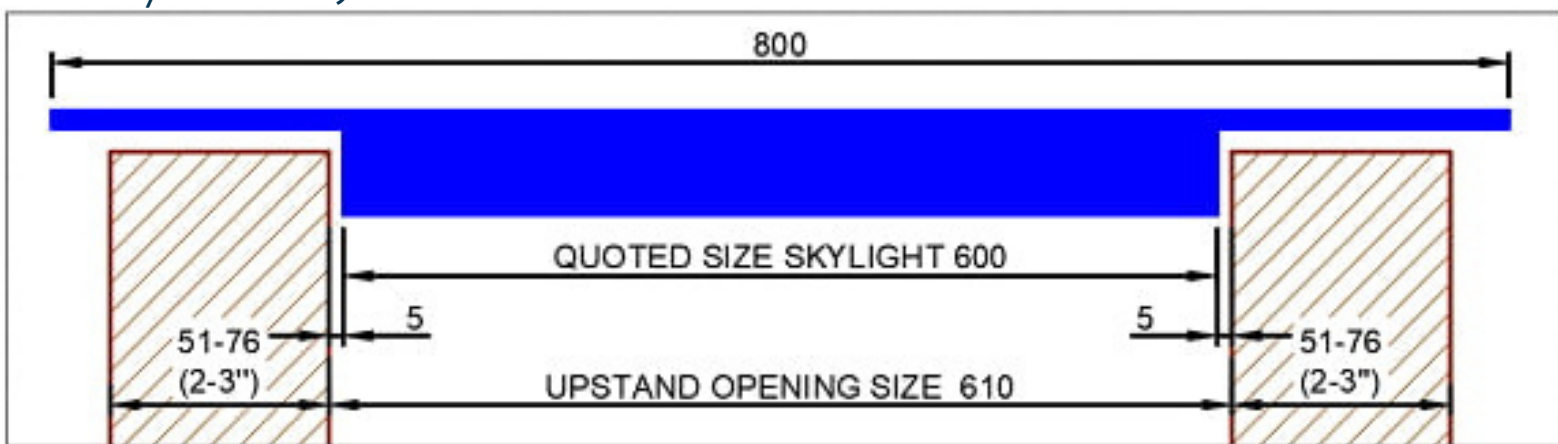
# PREMIUM NON-OPENING TRIPLE GLAZED

SKYLIGHTS WITH SELF-CLEANING GLASS

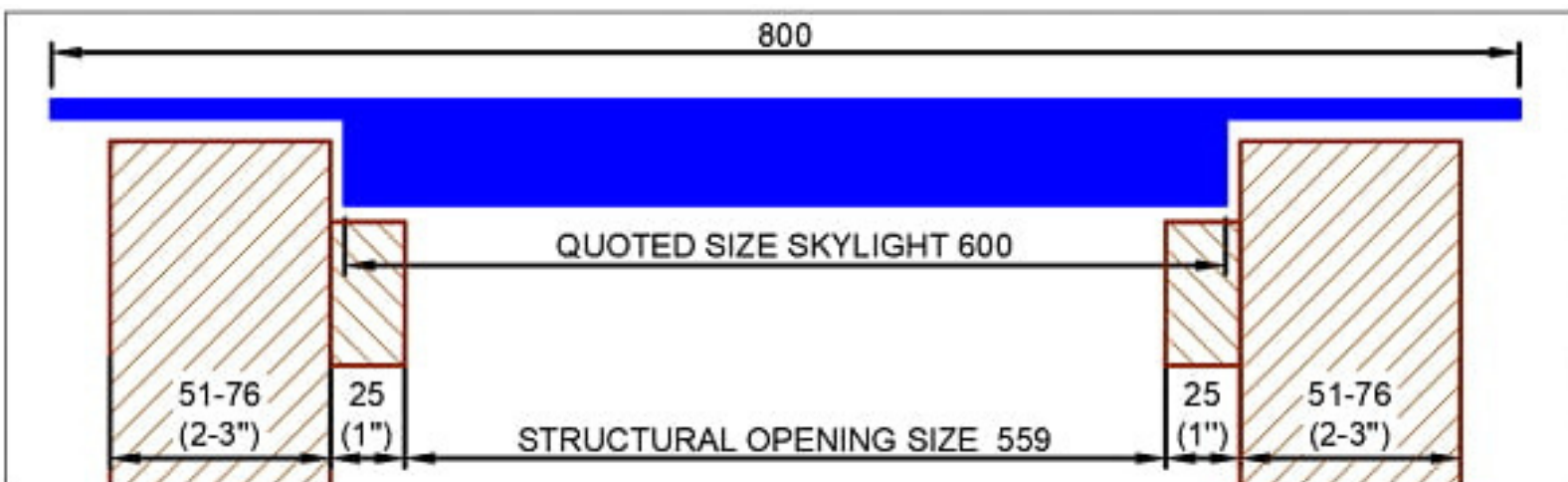
Uprand opening should allow for 5mm tolerance on each side:

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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:



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 roof covering material to cover the external face and 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.

- 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.
- Apply, generously, on top of the upstand weatherproof **sealant**, usually, 1 tube is enough for 6 linear metres.
- Lower the skylight with suction cups, and make sure you check the load on each cup.
- Apply waterproof sealant on the underside of the overhang and smooth it over once more to make sure it is watertight.

**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 AND NOT PURCHASED FROM US.**





For a pitched roof please follow the technical diagram below:

### How to install our skylights on a pitched roof



With regards to the silicones we recommend the following products:

- Black weather silicone - DOWSIL 791 Weatherproofing Sealant

### **DO NOT USE ACRYLIC SEALANTS!**

- Clear Tint
- Safety Toughened and Laminated Glass
- All Glass Panels
- 3xMore Light Than Other Brands

## Specifications



<b>Glazing Type:</b>	Triple Glazed
<b>U Value:</b>	0.9 W/m2k
<b>Self Cleaning:</b>	YES
<b>Top Glass Pane:</b>	6mm BS EN 12150 Thermally Toughened Glass
<b>Middle Glass Pane:</b>	4mm BS EN 12150 Thermally Toughened Glass
<b>Bottom Glass Pane:</b>	44.2 Low E; BS EN 14449 Laminated Glass
<b>Internal Glass Size:</b>	300x300 mm
<b>External Glass Size:</b>	500x500 mm
<b>Net Weight:</b>	6.45 kg
<b>Spacer Type:</b>	15mm Black Warm Edge
<b>Air Gap:</b>	15mm 90% Argon Filled



**Skylights.co.uk**

# CONTACT US



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