

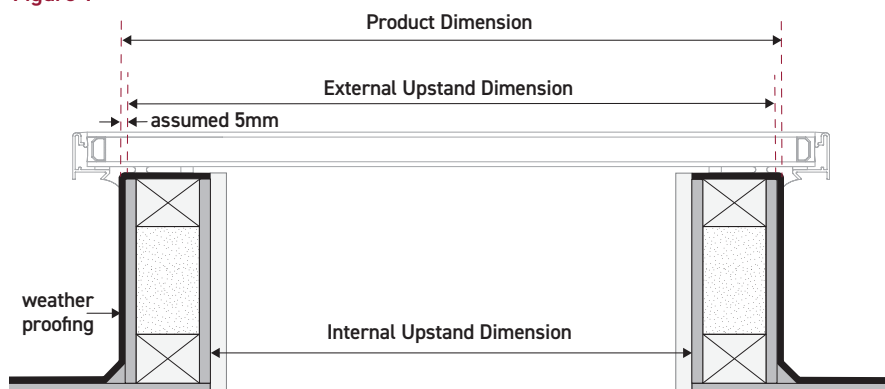
# Korniche Upstand surveying guide

## Upstand important dimensions

- Manufactured from structurally insulated panels (SIPS), a Korniche Upstand makes installation easier and maximises thermal performance.

A Korniche Upstand will be sized perfectly to suit your Korniche products. We have assumed the waterproofing when fitted will be 5mm thick all over (Figure 1). If this is unsuitable, contact us for advice.

Figure 1



- If you have a specific internal aperture requirement 'a x b' then you need to over size your products accordingly to the table in (Figure 2).

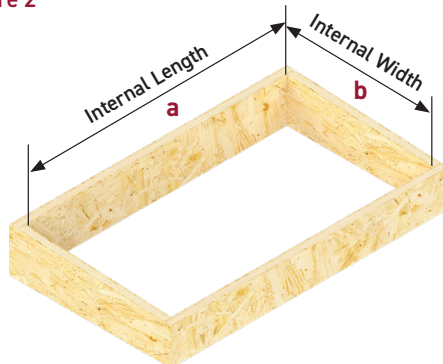
- The finished upstand (including membrane) must be a minimum of 150mm above the finished roof height to comply with building regulations.

- It is the responsibility of the purchaser to ensure they have correctly specified the upstand size.

- Flat Glass/Flat Lite 5° degree pitch on Upstand

- Roof Lantern 0° degree pitch on upstand & 25° degree fixed pitch on product

Figure 2



Example:

New Lantern  
Internal size:-

2000mm (a) x 1000mm (b)  
will be:-  
2160mm (a) x 1160mm (b)  
(2000+160) x (1000 +160)

	LENGTH		WIDTH
Internal	a	x	b
Lantern External	a + 172	x	b + 172
New Lantern External	a + 160	x	b + 160
FlatLite/Flat Glass (slope along length)	$(a + 160) \div 0.996$	x	b + 160
FlatLite/Flat Glass (slope along width)	a + 160	x	$(b + 160) \div 0.996$

**NOTE:** length is long side. Dimensions in mm.

## Warm Roof

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- A 3D cutaway diagram of a floor assembly. It shows a concrete slab on top of a layer of yellow insulation. Below the insulation is a wooden subfloor. The subfloor is shown in two parts: a larger section on the left and a smaller section on the right. The transition between the two sections is highlighted with two red circles. The circles show the subfloor boards meeting at a joint, with the insulation layer visible underneath. The concrete slab is shown as a grey layer on top of the insulation.

A 3D exploded view of a floor assembly. It shows a grey concrete slab on top, a yellow insulation layer in the middle, and a wooden joist structure on the bottom. Two red circles highlight the details of the insulation and joist connection.

The diagram illustrates the construction of a roof upstand. It shows a cross-section of the roof structure with the following components and dimensions:

- UPSTAND:** The main vertical section of the roof, labeled "UPSTAND".
- Roof Fall:** Indicated by an arrow pointing downwards, showing the slope of the roof.
- Deck & Membrane:** The horizontal layer on top of the upstand.
- Furring:** A thin layer below the deck and membrane.
- Joist:** The structural support for the roof.
- Dimensions:**
  - 200mm total upstand height:** The total height of the upstand from the joist to the top of the deck.
  - 150mm above deck:** The height of the upstand above the deck level.
  - 50mm below deck:** The height of the upstand below the deck level.