

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.

- 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 1

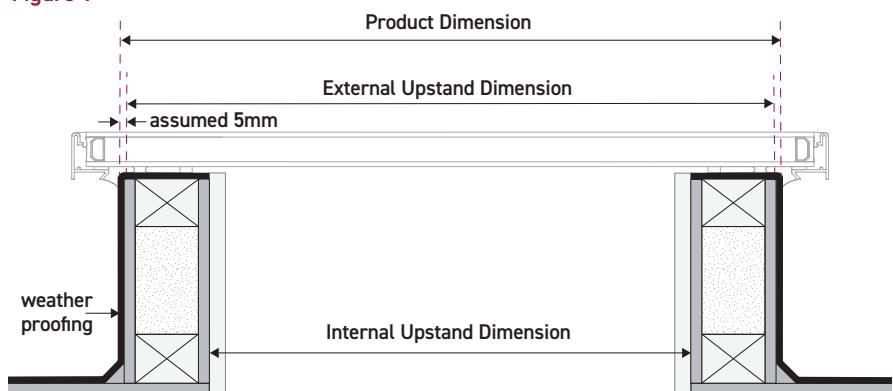
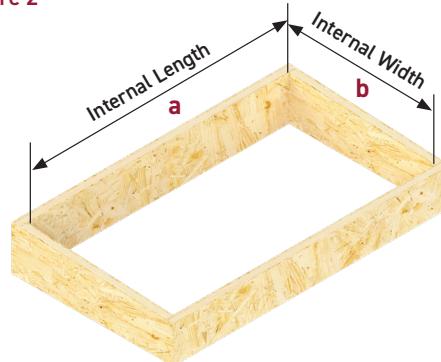


Figure 2



Example:

New Lantern
Internal size:-
2000mm (a) x1000mm (b)
will be:-
2160mm (a) x1160mm (b)
 $(2000+160) \times (1000 + 160)$

	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	$(b + 160) \div 0.996$

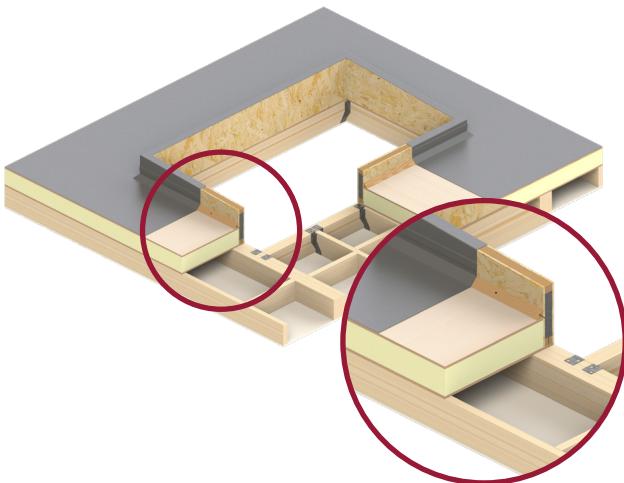
NOTE: length is long side. Dimensions in mm.

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Warm Roof & Cold Roof

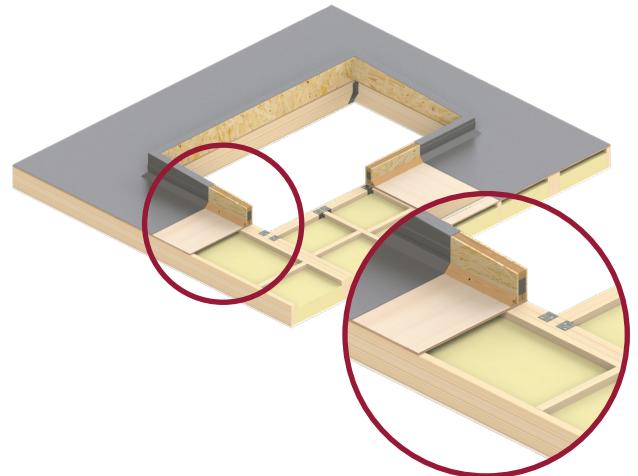
Warm Roof

- Upstand is attached to roof deck below the PIR insulation.
- Min. Upstand Height = PIR thickness + Roof deck thickness + Membrane Thickness + 150mm



Cold Roof

- Upstand is attached to roof deck above the PIR insulation.
- Min. Upstand Height = 150mm



Accommodating Firrings

- Where firrings are used to create a fall on a flat roof this should be considered when specifying the upstand.

For this case it is assumed the upstand will be fitted level at the joists and therefore an additional height should be specified to accommodate as shown in the example. Heights of 150mm, 200mm, 300mm & 350mm are available. If you require a different height, contact us.

