

Slimline Roof Lantern - FIXED PITCH 25° Ringbeam & Upstand Detail

RLD-001 Rev 1.2 (010519)

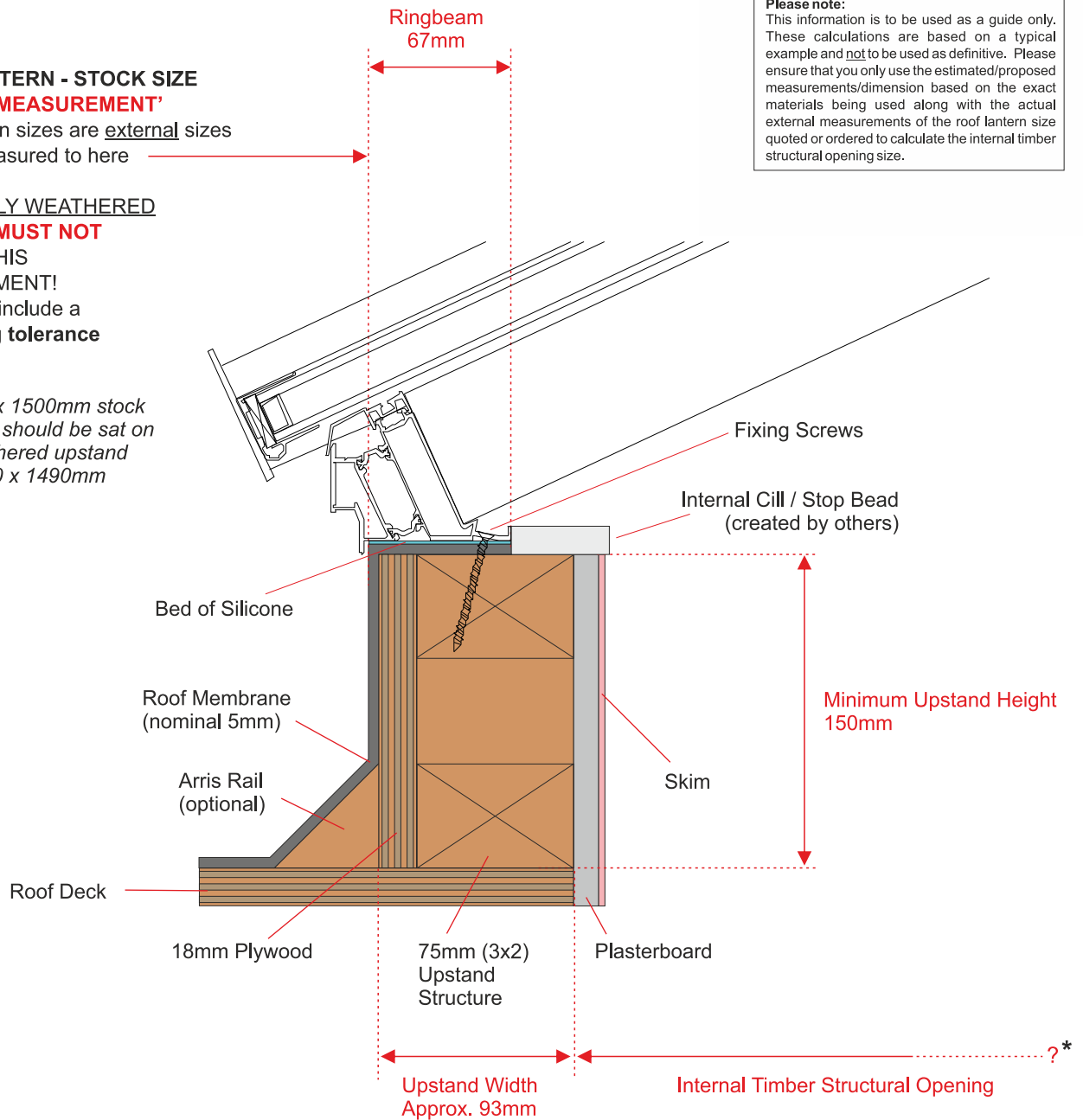
ROOF LANTERN - STOCK SIZE 'CRUCIAL MEASUREMENT'

Roof Lantern sizes are external sizes and are measured to here

YOUR FULLY WEATHERED UPSTAND **MUST NOT** EXCEED THIS MEASUREMENT! and should include a **5mm fitting tolerance** all around.

i.e. a 2500 x 1500mm stock roof lantern should be sat on a fully weathered upstand size of 2490 x 1490mm

Please note:
This information is to be used as a guide only. These calculations are based on a typical example and **not** to be used as definitive. Please ensure that you only use the estimated/proposed measurements/dimension based on the exact materials being used along with the actual external measurements of the roof lantern size quoted or ordered to calculate the internal timber structural opening size.



* Typical calculation to work out the internal structural opening size for the Roof Lantern size ordered...

This example is based on a typical construction of an upstand for a Roof Lantern size ordered at **2500 x 1500mm** (external Roof Lantern measurement)

- 2500mm**
 - Less Fitting tolerance **-10mm** (5mm all around)
 - Less Roof Membrane (felt/grp/pvc/rubber thickness) **-10mm** (i.e. 5mm all around - subject to membrane used)
 - Less Plywood outer upstand casing **-36mm** (18mm all around)
 - Less Upstand Structure (typically a 3x2 ladder construction) **-150mm** (75mm all round)
- 1500mm**
- Use the same calculation for the width based on your material thicknesses. (i.e. 1500mm - 10 - 10 - 36 - 150 = **1294mm**)
- = Internal Structural Opening size of approx 2294 x 1294mm**