



Guardian Roof Installation Guide

The following guide has been created to assist in the fabrication and installation of the Celuplast Guardian Roof. Please note that each roof is individual and will be fabricated to suit various shapes and sizes.

Each roof supplied will be accompanied by a roof layout plan and this guide. Your fabricator will be available at all reasonable times to provide installation technical support.

Roof Layout Plan

Please refer to the roof layout plan prior to commencing installation. It is very important that the roof fits the windows layouts and that all the windows are reinforced. All components are numbered to match the roof layout plan for ease of installation.

Sealing

At important junctions on the roof it is important to use a suitable sealant to secure a water tight joint.

Tools required

Cordless Drill

Angle Grinder

Silicone Gun

Tape Measure

10mm Spanner and 10mm Nut Spanner

10mm Ratchet

Snips and Staple gun

Screwdriver

Important

Celuplast have taken great care to ensure that the information in this installation guide is accurate and is supplied in good faith. However Celuplast issues this guide without warranty or guarantee of any kind and accepts no responsibility as to how the information is interpreted.

Health and safety regulations are the sole responsibility of the installer and totally unconnected to Celuplast Ltd.

The Guardian Roof is continually evolving and changes to product and specification can change at any time.

Updates to this guide will be posted on our website immediately and all customers will be informed by electronic mail. The website is www.guardianroof.co.uk.

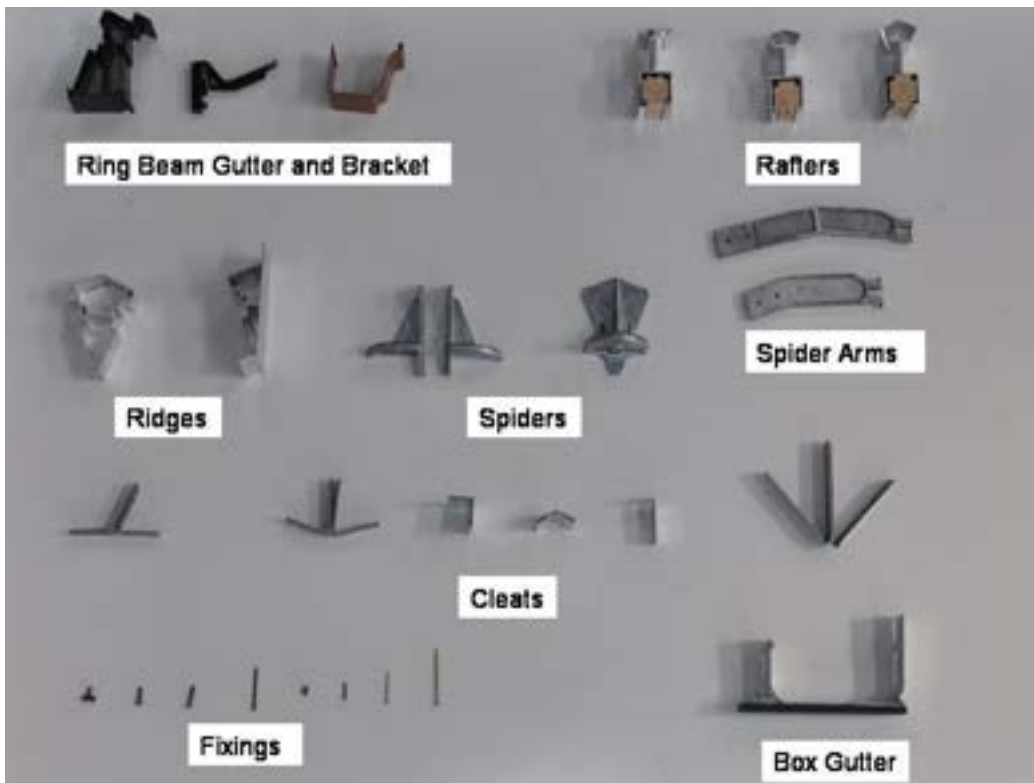
**All window frames must be reinforced in order to take the weight of the Guardian Roof.
Roof.**

It is the sole responsibility of the installer to establish that the window frames are reinforced.





Components





Guardian Roof Tile



Guardian Ridge Capping



5 Way Capping



3 Way Capping



Rafter Cap



Expanding Foam Tape



1. Fix window frame to ring beam using self tapping screws at a maximum of 600mm centres



2. Fix ring beams together using ring beam cleats



3 Connect ring beams together using cleats and self tapping screws



4 Connect rafters to ring beam using cleats and bolts provided



5 Assemble carcass as per layout



6. Gable rafters to be secured to the house wall using suitable fixings depending on wall



Typical Spider assembly using pins and locking nuts provided



7. Fix timber sheets to rafters using self tapping screws at 200mm centres



Felt roof using suitable breather membrane. The overhang is 200mm.



Fakro Window to be fitted to the V Notch



Fakro Tile Flashing installed with Guardian Roof Tile



Tiling always to start at the bottom left of the roof. Always start with a full tile with a half tile above.



Fix timber with expanding foam tape to roof with wood screws. Then fix ridge cappings followed by cappings. All cappings to be screwed from the side and hidden using the Guardian Tile repair kit.



Gutter brackets twist lock into the ring beam and Gutter locks on. to brackets.



Box Gutter adapter fitted into the box gutter and sealed using suitable wet sealant. Gutter joint then fitted to adapter for continuation around ring beam.