

# RAISED CURVED RIDGE INSTALLATION GUIDE

## WHAT IS A RAISED CURVED RIDGE?

Our raised curved ridge system has been designed to maximise ventilation into and out of a building. The curved ridge acts as an 'umbrella' shielding the building from direct rain whilst efficiently allowing fresh airflow.

- The raised curved ridge is an advantageous alternative to using an open protected ridge system, as it allows beneficial airflow, whilst protecting against risk of direct rainfall entering the ridge detail or livestock building itself.
- The system is flexible and the airflow can be adjusted to suit all building sizes by the height of the ridge
- The raised curved ridge is reinforced with strategically placed polypropylene strips which are fully integrated along the length of each corrugation.
- Calculation Y can be as wide as you would like because the curved raised ridge has reinforced polypropylene strips which increases the strength and impact resistance making it a non-fragile roofing sheet.



## RECOMMENDED FIXING PROCEDURE

Two fixings per sheet in each purlin are required, these should be fixed through the first full corrugation next to side lap detail.

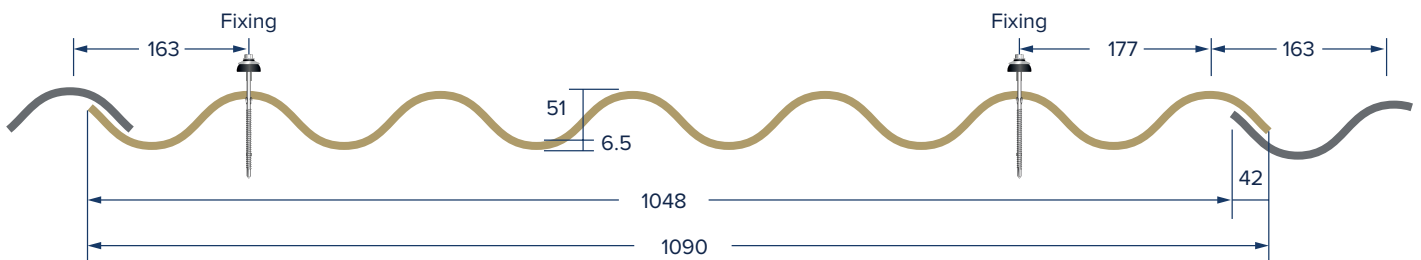
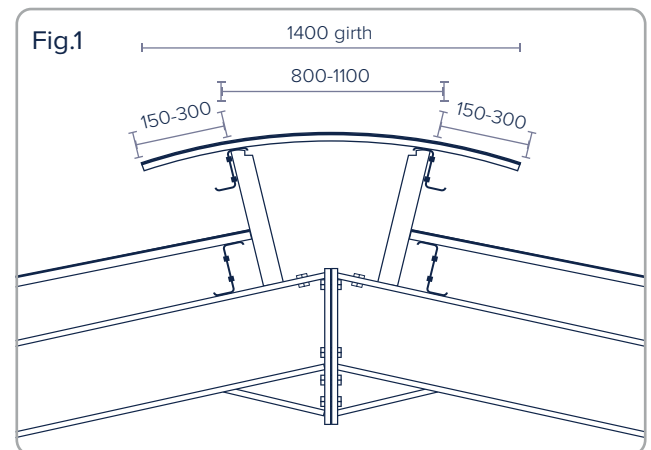
If the curved ridge run exceeds 45m movement joints will be required, as per standard recommendations.

In locations where the wind section forces are likely to exceed 2,000 N/sqm or the length of the roof slope exceeds 30m, please refer to current building regulations and procedures.

Please always follow our essential information regarding storage, handling, health and safety guidelines and fixing procedures.

<b>Girth</b>	1400 mm
<b>Maximum unsupported overhand</b>	300 mm
<b>Weight</b>	23.5kg per linear metre of ridge
<b>Radius</b>	3000 mm

In Fig.1, A illustrates where the raised measurement will be dependent on the design and ventilation requirement of the building.



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