

## Corrugated Titanium Zinc

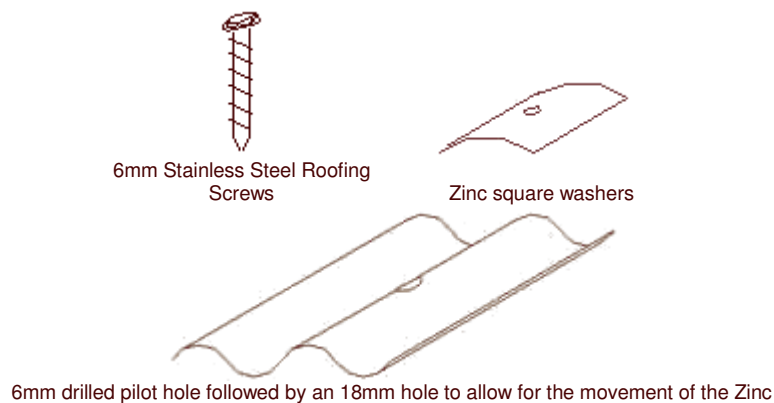
### Installation Tips

Zinc is a specialised roofing material that requires some unique installation techniques, however the basic preparation and installation is similar to that required for Corrugated Steel roofing. The corrugated Zinc is installed over breather type, heavy weight kraft building paper (415g/m<sup>2</sup>) with strapping at 250mm approximately.

### TIPS FOR LAYING SOFT MATERIALS LIKE ZINC

Zinc is a soft material and the corrugations are easily damaged. Do not walk directly on the corrugated Zinc or drop planks, tools etc. As the Zinc is installed, lay planks across the corrugated Zinc, near the purlin line, in areas of continual access to avoid damage. Care is required when screw fixing Zinc sheeting, as Zinc is very soft and can be easily over screwed.

### FIXINGS

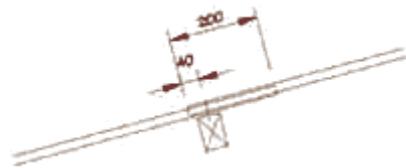


Fixing pattern for Zinc Corrugate is the same as for other corrugate roof cladding.

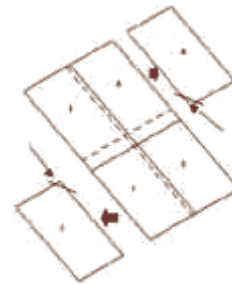
- Top, bottom and overlaps are fixed at every second crest
- Intermediate fixings fixed at every third crest.

## END LAP JOINTS

Zinc has a high rate of expansion and to compensate sheets are limited to a maximum length of 4.5m. Check with Calder Stewart Roofing for lengths over 4.5m. This may necessitate end lap joints (see fixing pattern information over). If more than one sheet is required for each run down the roof, the lower sheet must be installed before the upper sheet. The sheet end overlap is to be 200mm long and over a purlin, with the fixing positioned 40mm from the end of the sheet.



To remove excessive thickness at the intersection of four lapped sheets, some sheet trimming is required, see diagram below. This sheet trimming allows the overlaps to look even across the width of the roof.



The  points to the corner to be cut off.



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