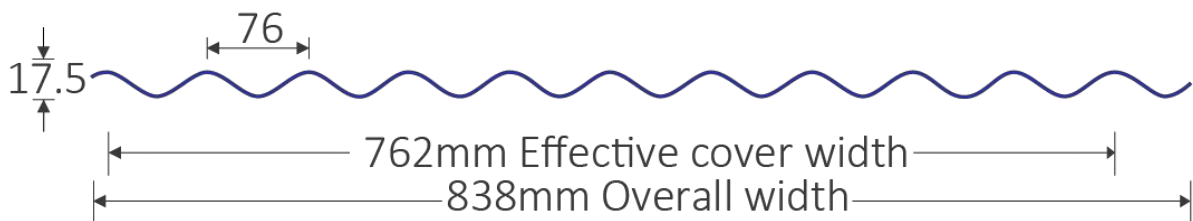
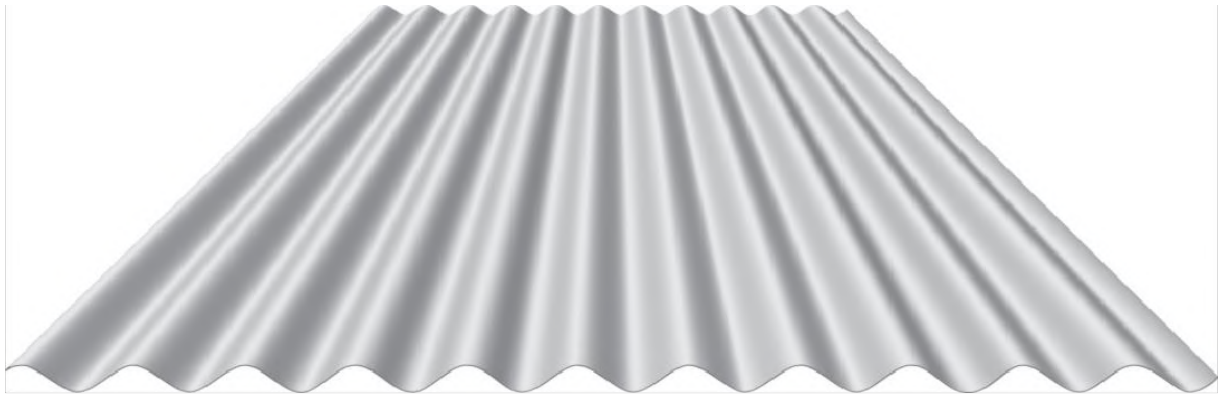


Corrugated



The Corrugated profile virtually eliminates oil canning and the sheeting can be factory cranked, curved and bull nosed to various radii depending on customer's requirements. The overall width of a Corrugated sheet is 838 mm.

Structural guidelines.

Corrugated roof sheets are available in a wide range of materials displaying various structural properties. It should be noted that the load span characteristics are only to be used as a broad guideline as purlin spacing is also dependant on other factors such as the prevailing winds in a certain area, the presence of dust and other particles in industrial areas, the type of structure that is being erected etc.

Available dimensions

Corrugated sheeting is available in standard lengths up to 15 metres. The permissible length tolerance for the standard length range will be ± 5 mm. Sheets outside these parameters are available on request and might be subject to special pricing arrangements. The maximum height which can be transported is 4.3 metres. This factor should be taken into account when bullnoses and curves are designed.

Roof pitch

When using Corrugated iron, the recommended minimum pitch for roof slopes in excess of 15 m is 10° and for slopes less than 15 m is 7.5° . When Corrugated roof sheets are end lapped the roof pitch should be taken into account. The minimum end laps for roofs pitches in excess of 15° is 150 mm and for other roofs a minimum of 250 mm is recommended. End laps for side sheeting should be at least 100 mm. It is recommended that end and side laps on low pitch roofs are sealed to ensure water tightness.

Installation procedure

The required number of Corrugated sheets can be calculated as follows: .

Number of sheets = Length of building + gable end overhangs - 76 mm / 0.762 m (Cover width of sheet)



Roof sheets and vertical wall cladding (side cladding) must be laid with one and a half corrugation side lap and shall be fixed through the crests of alternate flutes to purlins using 50 mm Tek screws into steel purlins and 65 mm Tek screws in the case of timber supports. Special fasteners should be used in the case of Zinalume Sheeting.