

minicorr
~~~~~ corrugated



\*Version 2019

**Trusted and reliable Roofing Product  
from Mabati Rolling Mills Limited**



**MINICORR**® Corrugated is a sinusoidal profile used primarily for wall cladding and is suitable for exterior and interior applications. This corrugated profile lends itself as an aesthetic feature and is practical and decorative in any home or office, whether it is applied on the ceiling or as walling. It can be installed flat or curved for a different design look and feel. For a contrasting and creative feature it can run either vertically or horizontally.

## Purlin Spacings

Purlin Spacings are dependent on both downward loading and negative suction loading caused by wind. Your engineer should be consulted to calculate your load [kN/m<sup>2</sup>] for your particular application.

## Notes:

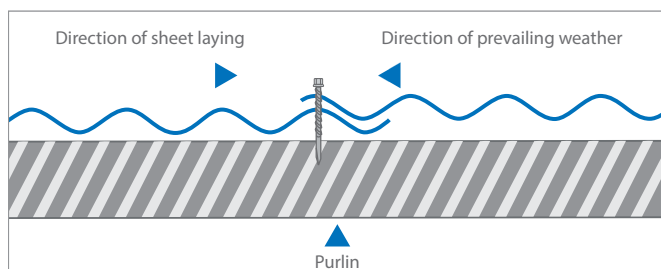
1. These spacings are indicated as a guide for information purposes only. The user should ensure to have a qualified professional work out the precise spacing specifications based on the design considerations unique to the project/site.
2. It is important to reduce the purlin spacings by 20% when spring curving a roof

## Lengths

Minicorr sheeting is a mass-market product offered only in standard lengths of 2.0, 2.5 & 3.0m

## Tolerances

A length variation range of +/-5.0mm, and width tolerance of +/-3.0m are permissible



## Fastening

Minicorr is pierce-fixed to timber or steel supports. This means that fastener screws pass through the sheeting. You can place screws for Minicorr through the crests or in the valleys. To maximize water tightness, always place roof screws through the crest. For walling, you may use either crest or valley fixing. Always drive the screws perpendicular to the sheeting, and in the centre of the corrugation or rib. Don't place fasteners less than 25mm from the ends of sheets

The edge of Minicorr with the anti-capillary groove is always the under-lap. it is generally considered good practice to use fasteners alongside lap however, when cladding is supported as indicated in purlin spacings, side-lap fasteners are not usually needed for strength.

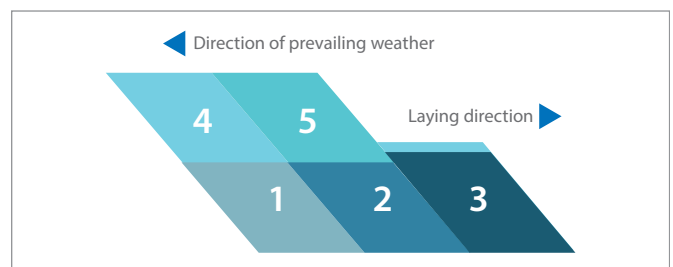
End-laps are not usually necessary because Minicorr is available in long lengths. If you want end laps, seek advice from your nearest MRM office on the sequence of laying and the amount of overlap. When Minicorr is laid on slopes of 7.5 degrees or more, cut back the corner of the under sheet, at the downhill end of the sheet to block capillary action.

## Installation

The recommended roof fixing method for Minicorr profile is as shown in the figure below

## Fixing Procedure

Lay each run of sheets in turn from side to side before moving onto the next run as depicted below. Similar procedure for wall cladding too.



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