

PRODUCT DESCRIPTION & FEATURES

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

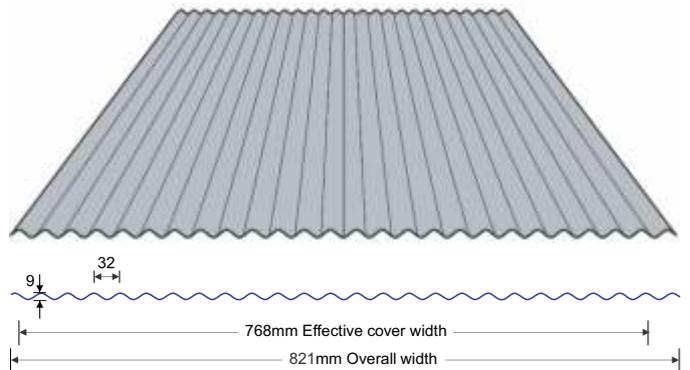
Purlin Spacings are dependant on both downward loading and negative suction loading caused by wind. Your engineer should be consulted to calculate your load (kN/m²) for your particular application.

STEEL SHEETS SUPPORT SYSTEM			
TOTAL COATED THICKNESS (TCT) mm	MAXIMUM PURLIN SPACING IN METRES (m)		
	SIMPLY SUPPORTED (2 SUPPORTS)	CONTINUOUS SUPPORTS (3 SUPPORTS)	CONTINUOUS SUPPORTS (>3 SUPPORTS)
ROOFS			
0.20	0.3	0.4	0.5
0.25	0.3	0.4	0.6
0.32	0.4	0.5	0.7
WALLS			
0.20	0.4	0.5	0.5
0.25	0.4	0.5	0.6
0.32	0.5	0.6	0.7

RECOMMENDED END-LAPPING			
	SLOPE/PITCH	ENDLAP MIN. mm	ENDLAP MAX. mm
ROOFS	less than 15°	250	300
	Greater than 15°	200	250
WALLS		150	200

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.



COVERAGE CALCULATOR

To calculate the number of sheets (N) to cover a given area. Required, use the formula: $N = W/0.768$ where; W is the linear width of the roof in metres and N is the number of sheets.

Note:

During installation, clean the roof daily by removing all swarf, pop rivets and unused fasteners or any other debris.

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 +/-3,0mm are permissible

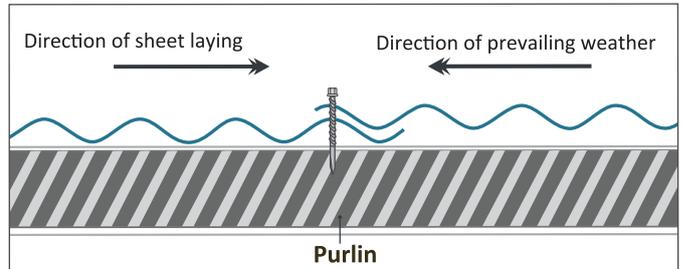
FASTENING

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 maximise 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 25 mm from the ends of sheets.

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

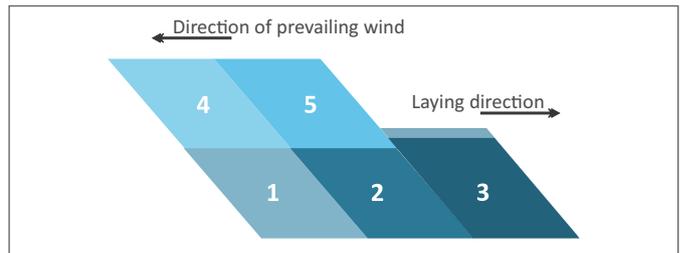
INSTALLATION

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.



Disclaimer:

- Care has been taken to ensure that the information provided is accurate. MRM does not assume responsibility for inaccuracies or misinterpretations of this data.
- MRM is continuously engaged in product development, please ensure that you have the most recent issue of information from MRM.
- Photographs and illustrations are typical examples of roofing and cladding products and applications.