

# CORRUGATE

Corrugate is one of New Zealand's most used roofing profiles. This timeless classic can recapture traditional styles on a typical kiwi villa roof, as well as set trends as a modern roofing solution, wall cladding or fencing profile.



AUTHORISED SUPPLIER



New Zealand Steel



[www.freemanroofing.co.nz](http://www.freemanroofing.co.nz)

Family owned since 1956





All profile dimensions are nominal



### Versatile

Corrugate can be used either vertically or horizontally as a cladding and is ideal for feature walls, fences and screens.



### Long Run

Modern roll forming technology allows Corrugate roofing and cladding to be manufactured in continuous lengths.



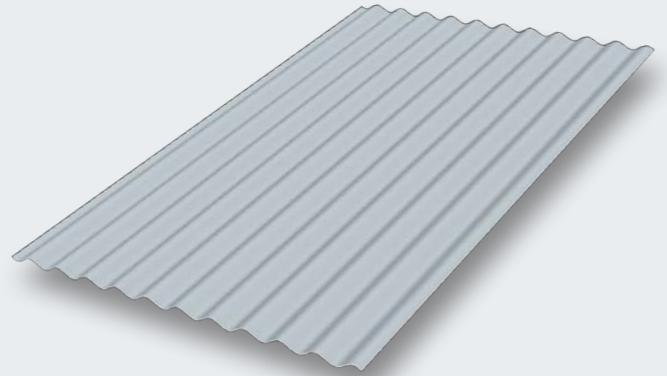
### Colour Choice

A wide range of standard colours is available with additional colours and coatings available on request.



### Curving

Corrugate is ideal for roll curving when manufactured from .55mm G300 steel. It can be machine rolled to a minimum inside radius of 400mm for a variety of uses e.g barrel ridges, corners on horizontally clad walls, or bull nose curves.



## MATERIALS & DURABILITY

Corrugate is available in:

	Thickness (BMT)	
	.40mm	.55mm
Colorsteel®	G550	G300 + G550
Zincalume®	G550	G300 + G550
Galvsteel™	G550	G300 + G550
Aluminium (plain & prepainted)	.70mm	.90mm

Also available in other non-ferrous metals.

Various types of coatings are available to suit all environments including industrial and coastal conditions.

For optimum performance, the severity of the environment in which the cladding will be installed should determine both the metal and type of coating to be used.

## DESIGN REQUIREMENTS

The minimum pitch for Corrugate is 8°.

Corrugate will spring curve to a minimum radius of 12m for .40mm BMT G550.

Specifications and product performance statements for specific projects are available upon request prior to project commencement.

## ROOFING ACCESSORIES

A full range of accessories including rainwater goods, flashing, underlays, fasteners and matching translucent sheeting are available.

For additional information please refer to:

- New Zealand Steel Installers Guide
- New Zealand Steel Specifiers & Builders Guide
- New Zealand Steel Metal Roof and Wall Cladding Code of Practice

## MAINTENANCE

To Prevent the accumulation of dirt or other material not removed by rain, manual washing is required.

Recommended washing frequency based on environment:

	Environmental conditions	
	Severe	Moderate
Cladding	Every 6 months	Every 12 months
Sheltered Areas*	Every 3 months	Every 6 months

\*Areas that do not receive adequate rain washing e.g. soffits, wall cladding under eaves, underside of gutters, fascias, sheltered areas of garage doors, unwashed roof areas.

Surfaces should not be in continuous contact with moisture and all debris must be removed (applies mainly to gutters).

With the first sign of surface corrosion the affected area should be cleaned, spot primed and repainted. Any fixings that have deteriorated to a point where leakage is evident should be replaced.

Fading will occur over time. Periodic over-painting will be necessary to retain aesthetic value.

## WARRANTY

Corrugate is covered by warranty for:

- Coating performance
- Corrosion resistance
- Substrate integrity

Warranty is subject to the use of the appropriate product for the environment.

A written warranty is available on request.

## MAXIMUM SPAN

For 1.1kn Concentrated Load for G550 Steel

Location of span	Thickness (BMT)	
	.40mm	.55mm
Roof End Span	700	1000
Roof Intermediate Span	1000	1500
Wall End Span	1200	1700
Wall Intermediate Span	1800	2400

Single spans should be limited to 80% of the above end spans.

Purlin spacing should be reduced in high traffic areas or areas supporting items such as air conditioning units or walkways that are provided for maintenance.

## FASTENINGS

Recommended roof fasteners:

Nails	60mm
Timbertites	12g x 50mm
Steeltites	12g x 35mm

Wall fastenings also available. The fastener and its coatings must be compatible and suitable for environment and roofing product.

## SHEET COVER

1 x Sheet	838mm
2 x Sheet	1600mm
3 x Sheet	2362mm
4 x Sheet	3124mm
5 x Sheet	3886mm
6 x Sheet	4648mm
7 x Sheet	5410mm
8 x Sheet	6172mm
9 x Sheet	6934mm
10 x Sheet	7696mm