

# FIVE RIB

Five Rib is a light, strong and contemporary style producing distinctive design solutions for both commercial and domestic uses.



AUTHORISED SUPPLIER



New Zealand Steel



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

Family owned since 1956





**Pitch**

The rib height makes it suitable for low pitch roofing.



**Long Run**

Modern roll forming technology allows Five Rib 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.



**Crimp-curving**

Five Rib can be crimp-curved.



**Pan Swage**

The pan swage enhances appearance.



Pan swage and rib height will differ between Freeman Group branches. Please refer to the roof & wall cladding brochure on the relevant branch page to get exact design and measurements.

**MATERIALS & DURABILITY**

Five Rib is available in:

	Thickness (BMT)	
<b>Colorsteel®</b>	.40mm G550	.55mm G550
<b>Zincalume®</b>	.40mm G550	.55mm G550
<b>Galvsteel™</b>	.40mm G550	.55mm G550
<b>Aluminium</b> (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 Five Rib is 3°.

Five Rib will spring curve to a minimum radius of 20m 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
<b>Cladding</b>	Every 6 months	Every 12 months
<b>Sheltered Areas*</b>	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 are 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**

Five Rib 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
<b>Roof End Span</b>	1000	1100
<b>Roof Intermediate Span</b>	1500	1800
<b>Wall End Span</b>	1400	1900
<b>Wall Intermediate Span</b>	2000	2700

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:

<b>Nails</b>	75mm
<b>Timbertites</b>	12g x 65mm
<b>Steeltites</b>	12g x 55mm

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

**SHEET COVER**

<b>1 x Sheet</b>	815mm
<b>2 x Sheet</b>	1600mm
<b>3 x Sheet</b>	2362mm
<b>4 x Sheet</b>	3124mm
<b>5 x Sheet</b>	3886mm
<b>6 x Sheet</b>	4648mm
<b>7 x Sheet</b>	5410mm
<b>8 x Sheet</b>	6172mm
<b>9 x Sheet</b>	6934mm
<b>10 x Sheet</b>	7696mm