

residential and commercial roofing and cladding

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## Level of assurance needed to demonstrate NZ Building Code Compliance

Supporting documentation should include technical information by manufacturer and either an independent assessment or reference to an industry-based scheme



Roofing Industries confirms that this minimum level of assurance has been met or exceeded by the following:

New Zealand Metal Roofing Manufacturers Association Inc (NZMRM)

[Code of Practice](#)

## Technical Statement

### Scope of use

Ribline® is a wall and roof cladding with a medium rib-height asymmetric trapezoidal roofing profile for non-specifically designed timber framed buildings designed and constructed in accordance with B1/AS1, NZS3604 and E2/AS1, non-specifically designed steel framed buildings to NASH 3405, and specifically designed buildings in accordance with B1/VM1 and AS/NZS 1170.

When used as a roof cladding:

Ribline® may be used with a minimum roof gradient of 3 degrees

When used as a wall cladding: · Ribline® may be fixed horizontally over a nominal 20mm drained cavity where the Risk Score is 0-20. · Ribline® may be fixed vertically over a nominal 20mm drained cavity with "ventilated" battens where the Risk Score is 0-20, · Specific design is required where the Risk Score is greater than 20.

### New Zealand Building Code (NZBC)

The product will, if employed in accordance with the supplier's installation and maintenance requirements, assist with meeting the following provisions of the building code:

- **Clause B2 Durability:** Performance B2.3.1(b)
- **Clause E2 External moisture:** Performance E2.3.1, E2.3.2

### Evidence

The product meets the requirements set out in the following documents, or relevant parts of cited standards within the documents:

Roofing Industries products meets the requirements set out in the following documents or relevant parts of the Building codes and cited standards:

- NZBC Clauses B2, E2, E3,
- New Zealand Metal Roof and Wall Cladding Code of Practice: [www.metalroofing.org.nz](http://www.metalroofing.org.nz)
- NZ Steel and Pacific Coilcoaters supplies coil to Roofing Industries:
- Test information available from our coil suppliers, and past history of in use of metal long run roof and wall cladding within New Zealand.

### Supporting Evidence

The product has and can make available the following additional evidence to support the above statements:



New Zealand Metal Roofing Manufacturers Association Inc (NZMRM)

[Code of Practice](#)

## Product Criteria

### Design requirements

Refer to Roofing Industries Profile Technical Summary for tables of maximum spans (intermediate and end) for each wind zone.

Selection of the correct grade of material and appropriate surface coating is imperative to ensure that Ribline performs satisfactorily in the environment it is to be installed in and to meet the requirements of the NZBC.

Refer to Colorsteel and Colorcote using all the latest coating technology to AS/NZS 2728 depending on the durability required for the environment the roof and wall cladding is in.

Contact Roofing Industries for environmental categories and surface coating literature. Zinalume, Aluminium-zinc-magnesium and galvanised steel and is available in a full range of Colorcote or



**masterspec partner**

### Company Contact Details



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Colorsteel pre-painted finishes.

## Installation requirements

Refer to the Roofing Industries Profile Technical Summary and this to be read in connection with E2/AS1 and the NZ Metal Roof and Wall Cladding Code of Practice.

## Maintenance requirements

Maintenance guides are available from Roofing Industries or can be downloaded from either NZ Steel or Pacific Coilcoaters website.

Guide to regular maintenance - Areas not receiving regular rain washing should be washed with fresh water on a regular basis.

- Washing of naturally unwashed areas at least every 3 - 6 months.
- Removal of debris from gutters every 3 - 6 months.
- Any noticeable build up of salt deposits and/or other contaminants are removed when identified.
- When considering over painting please consult with your local distributor to ensure correct procedures are undertaken.
- Inspection of the roof, including fasteners, repair any damage every 6 months.

## Company Product Information

### Environmental

Colorsteel and Colorcote prepainted steel has been extensively tested and proven in some of New Zealand's most extreme UV, wind, rain, snow and ice environments.

All Colorsteel and Colorcote is factory painted at either NZ Steel, Glenbrook or Pacific Coilcoaters, Penrose. Both plants operate within strict environmental controls.

Environmental category literature available by request or the roof.co.nz website, or by contacting Roofing Industries, technical helpline 0800 844 822

### Relationships



New Zealand Made



Date last validated: **27 January 2021**



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