Roofing Industries True Oak Corrugate

Product Technical Statement: 104318

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Available in a wide a range of base metal substrates in pre-paint colorcote, colorsteel Products

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Level of assurance needed to demonstrate NZ Building Code Compliance

M MEDIUM

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:
MRM
Code of Practice

masterspec partner

Product Description

Roofing Industries True Oak Corrugate is a return to an original profile for roofing and wall cladding, available in a wide range of metal substrates and surface finishes including galvanised, Zincalume, Aluminium-zinc-magnesium, Aluminium.

Colorcote and Colorsteel (.40 mm BMT and .55 mm BMT) or aluminium (.70 mm BMT and .90 mm BMT).

True Oak Corrugate is available in standard 762 mm wide sheets, supplied in a wide range of design options, including curving, and is also available in (glass reinforced).

A full range of matching accessories is available including ridging, flashings, underlays, fasteners and rainwater system

Design Guidelines

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 True Oak Corrugate 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. Zincalume, Aluminium-zinc-magnesium and galvanised steel and is available in a full range of Colorcote or Colorsteel pre-painted finishes.

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

TDS View Technical Data Sheet

MSDS View Material Safety Data Sheet

Quality Assurance

New Zealand Made

Videos

True Oak Corrugate Video

Company Contact Details

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Technical Statement

Scope

True Oak Corrugate is a roof and wall cladding for non-specifically designed timber framed buildings designed and constructed in accordance with B1/AS1, NZS 3604 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:

- True Oak Corrugate may be used with a minimum roof gradient of 4 degrees

When used as a wall cladding:

- True Oak Corrugate may be fixed vertically directly to wall framing where the Risk Score is 0-20
- When fixed horizontally, True Oak Corrugate must be fixed over a nominal 20mm drained cavity where the Risk Score is 0-20.

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:

- not available

Notes

Evidence

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

Roofing Industries meet the NZBC Clauses and the NZ Manufactures Code of Practice.

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
- NZ Steel and Pacific Coilcoats supplies coil to Roofing Industries: Test information available for 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:

MRM
Code of Practice

Special Conditions

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.

Special requirements

Refer to:

- NZBC E2/AS1 paragraph 8.4 and 9.6
- Purlin sizes, spacing and fixing, refer to NZS 3604
- NASH for Steel Framed Houses
- MRM Code of Practice Long run metal cladding
- Roofing Industries Profile Technical Summary for fixings and fixing patterns pending wind loads.

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 - All roofing and cladding products require regular maintenance to keep them looking good, to prolong their life and to meet the terms of any product warranty.

Choosing the right product for the environment is the best way to reduce maintenance time.

Date last validated: **26 August 2016**

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