



Product Technical Statement



Manufacturer Roofing Industries Ltd
Contact David Eccles-Hall
 Architectural Manager
 ph: 0800 844 822
davide@roof.co.nz
Webpage www.roof.co.nz

Product: True Oak Corrugate

Description: True Oak Corrugate is a sinusoidal profile roof or wall cladding, with a prefinished paint coating on a steel or aluminium substrate.

Scope of Use: This Product Technical Statement covers the use of True Oak Corrugate as wall or roof cladding 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.

Conditions: Design and installation details must be as specified in the True Oak Corrugate Profile Technical Summary. The substrate and coating system must be as recommended by Colorsteel or Colorcote for the environmental conditions at the intended building location. (Colorcote ZR8, ZRX, ZM8, ZMX, AR8 and ARX and Colorsteel Endura and Maxx).

Limitations: The minimum roof pitch for True Oak Corrugate is 4 degrees. This Product Technical Statement does not apply where the product is used outside the recommendations for use of ColorSteel and Colorcote.

Related Technical Literature: True Oak Corrugate Profile Technical Summary TRU000 2013
 NZ Metal Roof and Wall Cladding Code of Practice Version 2.2/2012 (MRM Code of Practice)

Relevant Code Clause:	Basis of Compliance:	Related documents:	
Structure B1.3.1	Verification method	B1/VM1	Design data provided by True Oak Corrugate Profile Technical Summary and MRM Code of Practice satisfy this requirement.
Structure B1.3.2	Verification method	B1/VM1	Design data provided by True Oak Corrugate Profile Technical Summary and MRM Code of Practice satisfy this requirement.
Structure B1.3.3	Verification method	B1/VM1; E2/AS1; B1/AS1	Meets the requirements for loads arising from (a) self-weight, (b) imposed gravity loads arising from use, (c) temperature, (f) earthquake, (g) snow, and (h) wind when installed using the details in the True Oak Corrugate Profile Technical Summary.
Structure B1.3.4	Verification method	B1/VM1	The structural performance of True Oak Corrugate has been verified by physical testing.
Durability B2.3.1	Acceptable Solution	E2/AS1; AS/NZS 2728: 2013	Meets durability requirements for B2.3.1(b) 15 years
Durability B2.3.2	Acceptable Solution	E2/AS1	

Fire affecting areas beyond the fire source	C3.7	Building Code performance	C/VM2	Prefinished True Oak corrugate is non-combustible and satisfies C3.7(a)
External moisture	E2.3.2	Building Code performance	E2/AS1; Expert opinion	True Oak Corrugate meets performance requirements with a minimum roof gradient of 4 degrees (and complies with E2/AS1 if the roof gradient is 8 degrees or greater).
Hazardous building materials	F2.3.1	Building Code performance	Expert opinion	True Oak corrugate does not emit harmful materials.

Guidance for Consenting:

