



METALCRAFT CORRUGATE

PURPOSE

Metalcraft Roofing supplies Metalcraft Corrugate for use as a roofing, and horizontally and vertically laid wall cladding.

EXPLANATION

Metalcraft Corrugate is a corrugated long-run wall and roof cladding manufactured from New Zealand (NZ) Steel product. Available in a range of protective coatings and the full range of Colorsteel® colours to withstand NZ's exposure zones.

Metalcraft Corrugate is available in the following NZ Steel branded products:

> Colorsteel® Endura®

➤ Galvsteel®

> Colorsteel® Maxx®

> Zincalume®.

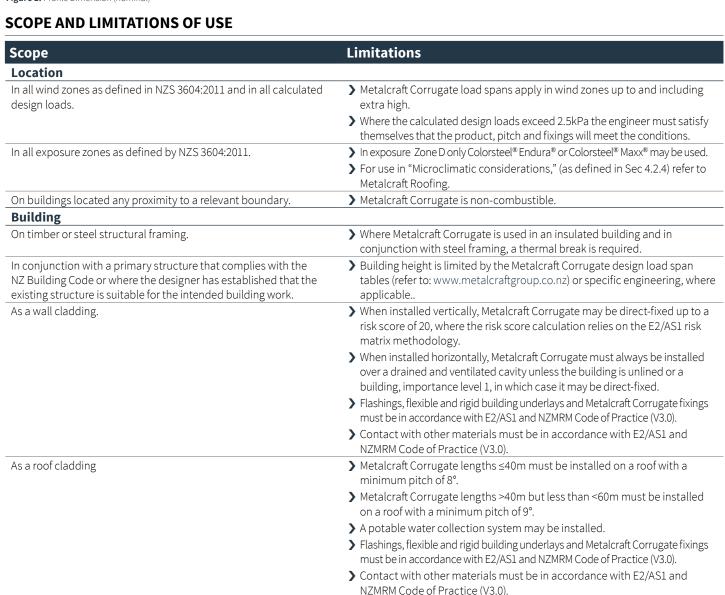
Sheets are available in the following sizes:

> Thickness (mm): 0.40, 0.55

➤ Width (mm): Cover - 760, Sheet - 851.



Figure 1: Profile Dimension (nominal)







PERFORMANCE CLAIMS

If designed, installed and maintained in accordance with all Metalcraft Roofing requirements, Metalcraft Corrugate will comply with or contribute to compliance with the following performance claims:

NZ Building Code clauses	BASIS OF COMPLIANCE	
	Compliance statement ¹	Demonstrated by
B1 Structure B1.3.1, B1.3.2, B1.3.3 (a, b, c, d, g, i)	ACCEPTABLE SOLUTION B1/AS1	➤ AS/NZS 1397:2011.➤ AS/NZS 1170:2002. (for span tables).
B2 Durability B2.3.1 (b) B2.3.2 (b)	ACCEPTABLE SOLUTION B2/AS1	➤ Coated in accordance with AS/NZS 2728:2013 (cited in E2/AS1).
C3 Fire Affecting Areas Beyond the Fire Source C3.4 (a), C3.7 (a)	ACCEPTABLE SOLUTION C/AS1 C/AS2 1st edition, June 2019.	 Steel is non-combustible. BRANZ (FH 6102-TT, dated 3/1/2017) (Material Group 1-S). BRANZ is accredited to perform ISO.5660 test.
E2 External Moisture E2.3.1, E2.3.2, E2.3.7 (a, b, c)	ACCEPTABLE SOLUTION E2/AS1	> NZMRM Code of Practice (V3.0).
F2 Hazardous Building Materials F2.3.1	ALTERNATIVE SOLUTION	 Coating systems are inert once dry. Colorsteel® safety data sheets.

^{1.} The Compliance Statement is the pass holder's statement that they have met their obligations under s14G(2) of the Building Act 2004.

Other performance statement	BASIS OF STATEMENT	
	Performance statement	Demonstrated by
Metalcraft Corrugate will not contaminate potable water.	AS/NZS 4020:2005	 Claimed by manufacturer: NZ Steel. BRANZ statement of metal roof suitability, refer to www.level.org. nz/water/water-supply/mains-or-rainwater/harvesting-rainwater/.

NZ STEEL ASSURANCE

As the manufacturer of the steel, from which Metalcraft Corrugate is fabricated, NZ Steel provides assurance that the steel:

- > has been manufactured in accordance with AS 1397:2001
- → is coated in accordance with AS/NZS 2728:2013 or galvanized in accordance with AS/NZS 2312.2:2014.

NZ Steel has established an Environmental Management System certified to ISO 14001.

For more information on the specific exposure zones and environmental impacts of the product refer to www.colorsteel.co.nz

SOURCES OF INFORMATION

- > AS/NZS 1170:2002. Structural design actions.
- AS/NZS 1397:2001. Steel sheet and strip—Hot-dip zinc coated or aluminium/zinc-coated.
- ➤ AS/NZS 2728:2013. Prefinished/pre-painted sheet metal products for interior and exterior building applications.
- ▶ BRANZ www.level.org.nz/water/water-supply/mains-or-rainwater/ harvesting-rainwater/.
- ▶ NZ Metal Roof Manufacturers Inc., (NZMRM): Code of Practice (V3.0).
- ➤ NZ Steel. Technical Bulletin 2. [August 2016]. Fire testing. Fire Testing of Coated Steel Products.

VERSION:	DATE:	Signed on behalf of Metalcraft Roofing:		
Note: Uncontrolled in printed format.				
NAME:	Frances Charles	By signing this pass™ the signatory confirms that, in respect of the subject of this pass™, the company has met their s14G obligations under the Building Act 2004.		
POSITION:	National Sales & Marketing Mgr			

For more information visit www.metalcraftgroup.co.nz