

TRS SUPER SEAM™

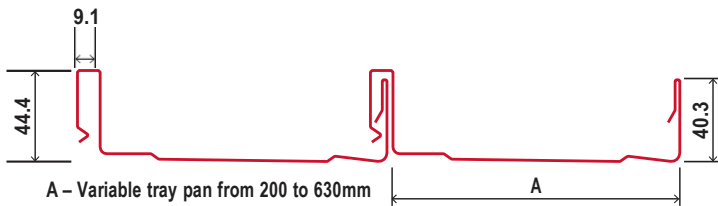
PURPOSE

TRS Super Seam is supplied for use as a roof cladding and for interior feature walls.

EXPLANATION

TRS Super Seam sheets comprises longrun metal wide tray sections that are joined together using hidden clips. The sheets are installed over purlins or battens. Where Super Seam manufactured from Copper is used it must be installed on a substrate of plywood or timber sarking.

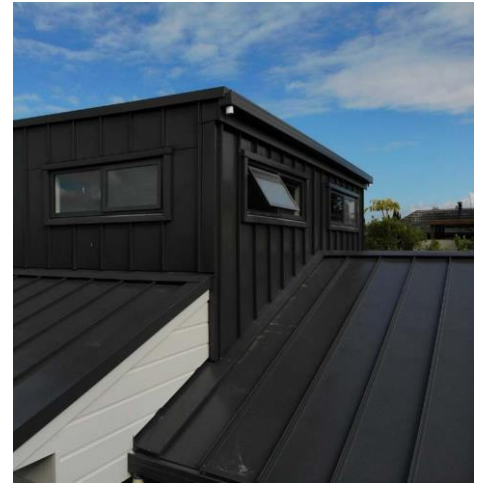
Super seam dimensions



Maximum tray length depends on material, roof pitch and location conditions (wind and snow loading).

The sheets are supplied in the following materials:

- >> Vitor[®], Vitor[®]ZX or Lux (with base metal thickness of 0.4 mm or 0.55 mm)
- >> prepainted aluminium (0.8 g) >> copper.



For further assistance please contact:



- ☎ 0800 277 271
- ✉ info@theroofingstore.co.nz
- 🌐 www.theroofingstore.co.nz

SCOPE AND LIMITATIONS OF USE

Scope	Limitations
Location	
In all wind zones as defined in NZS 3604:2011 or up to a calculated wind design pressure of ULS 4.2 kPa.	>> Sheet length, pan width and fixings to meet specific wind zone or pressure. >> Panels are subject to wind suction only.
All exposure zones as defined in NZS 3604:2011.	>> Where exposure zone D applies, Vitor [®] and Lux must <u>not</u> be used. >> Where 'microclimatic conditions' apply (section 4.2.4, NZS 3604:2011), contact The Roofing Store for technical advice.
On buildings located any proximity to a relevant boundary.	>> The design and construction of the other external envelope elements must comply with the relevant fire provisions of the NZ Building Code.
Building	
In conjunction with a primary structure (timber or steel structural framing or over structural panels) that complies with the NZ Building Code or where the designer has established that the existing structure is suitable for the intended building work.	>> Where installed over steel framing and where part of an insulated building, a thermal break is required.
As an internal wall lining.	>> Where material group 1 or greater is required.
As a roof cladding.	>> Minimum roof pitch of 3° subject to tray lengths and applied environmental loads. >> TRS Super Seam manufactured from copper must be installed over a plywood (15 mm) or solid timber sarking (25 mm) substrate. Oil-based timber treatments are to be avoided. Substrate to be installed in accordance with the NZ Building Code. >> Flashings, flexible building underlays and fixings must be in accordance with E2/AS1 and/or the NZMRM Code of Practice (v3.0).

USEFUL INFORMATION

For information on the design, installation and maintenance of TRS Super Seam and for our warranty refer to www.theroofingstore.co.nz

OTHER CERTIFICATIONS AND APPROVALS HELD

KiwiColour as manufacturer of the coated steel product provide assurance that the steel:

- >> has been manufactured in accordance with AS 1397-2001
- >> is coated in accordance with AS/NZS 2728.

PERFORMANCE CLAIMS

If designed, installed and maintained in accordance with all The Roofing Store requirements, the TRS Super Seam will comply with or contribute to compliance with the following performance claims:

NZ Building Code clauses	BASIS OF COMPLIANCE ¹	
	Compliance statement	Demonstrated by
B1 Structure B1.3.1, B1.3.2, B1.3.3 (a, b, c, d, g, i) B1.3.4 (a, b, c, d, e)	ACCEPTABLE SOLUTION B1/AS1	>>AS 1397-2001. >>AS/NZS 1170:2002 (for span tables).
B2 Durability B2.3.1 (b), B2.3.2 (b)	VERIFICATION METHOD B2/VM1	>>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/AS2 1 st Edition, June 2019 VERIFICATION METHOD C/VM2	>>Defined as non-combustible in Definitions C/AS2. >>Material Group 1S, Table A1, C/VM2.
E2 External Moisture E2.3.1, E2.3.2, E2.3.7 (a, b, c)	ALTERNATIVE SOLUTION	>>Generally in accordance with NZMRM Code of Practice (v3.0) & E2/AS1.
E3 Internal Moisture E3.3.4, E3.3.5, E3.3.6	ALTERNATIVE SOLUTION	>>Metal is impervious.
F2 Hazardous Building Materials F2.3.1	ALTERNATIVE SOLUTION	>>Coating system is inert once dry.

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

SOURCES OF INFORMATION²

- >>The Roofing Store. [n.d.] *Wind Uplift Strength of Super Seam Claddings under Static and Cyclic Wind Loading*. Document No. TRS-RPT-005-UOA.
- >>AS 1397-2001. *Steel sheet and strip—Hot-dipped zinc coated or aluminium/zinc-coated*.
- >>AS/NZS 2728:2013. *Prefinished/prepainted sheet metal products for interior/ exterior building applications-Performance requirements*.
- >>NZ Metal Roof Manufacturer's (NZMRM). *Code of Practice (v3.0)*. Retrieved from <https://www.metalroofing.org.nz/codeonline>. [Accessed on 11/06/2020].



2. Sources of information also include the Building Act 2004 and its regulations, including the Building Code (Schedule 1 of the Building Regulations 1992), Acceptable Solutions and Verification Methods, and relevant cited standards.

Scan or click this QR code for a full download of Compliance Documentation for this pass™.

www.theroofingstore.co.nz



VERSION: V1.0

DATE: 18/06/2020

Note: Uncontrolled in printed format.

NAME: Harinder Dhaliwal

POSITION: Building Estimator

Signed on behalf of The Roofing Store Ltd:

Harinder Dhaliwal^D
harinderd@theroofingstore.co.nz

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.



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