

TRS Super Seam

CLASS 1

VERSION 1.0

PRODUCT NAME

The Roofing Store - TRS Super Seam

PRODUCT LINE

N/A

BPIS INCLUSION / EXCLUSION

This BPIS incorporates The Roofing Store TRS Super Seam profile along with associated flashings and other items manufactured by The Roofing Store. While The Roofing Store provides fasteners, underlay, and additional products as part of the roofing supply, it is important to note that the demonstration of compliance for these items is not the responsibility of The Roofing Store.

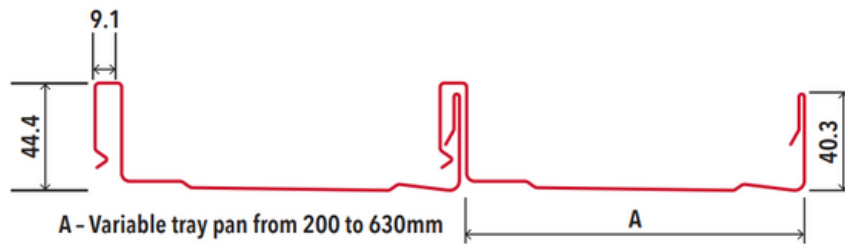
PRODUCT IDENTIFIER

TRS Super Seam

Variable pan from 200 to 630 mm
 Unsupported Super Seam - Maximum pan 450mm otherwise up to 630mm
 Seam height – 45mm overall Height
 Minimum panel length - 1500 mm (1.5 m)

PRODUCT DESCRIPTION AND ITS INTENDED USE

TRS Super Seam is designed for both wall cladding and roofs, catering to pitches as low as 3°. The maximum tray length varies based on factors such as the material employed, roof pitch, and local conditions. Optimal for cost-effective manufacturing and installation, we provide pans in widths of 250 and 450, ensuring flexibility and efficiency in your project.



RELEVANT BUILDING CODE CLAUSES:

B1 Structure: Performance clauses B1.3.1, B1.3.2, B1.3.3 (a, b, c, d, g, i)

B2 Durability: Performance clause B2.3.1 (b), B2.3.2 (b)

C3 Fire Affecting Areas Beyond the Fire Source: Performance clauses C3.4 (a), C3.5, C3.7 (a)

E2 External Moisture: Performance clauses E2.3.1, E2.3.2, E2.3.7 (a, b, c)

E3 Internal Moisture: Performance clauses E3.3.4, E3.3.5, E3.3.6

F2 Hazardous Building Materials: Performance clause F2.3.1

STATEMENT ON HOW THE BUILDING PRODUCT IS EXPECTED TO CONTRIBUTE TO COMPLIANCE:

B1.3.1, B1.3.2, B1.3.3 (a, b, c, d, g, h, i), B1.3.4 (a, b, c, d, e): TRS Super Seam has been tested in accordance with AS/NZS 1397:2011 and AS/NZS 1170:2002.

B2.3.1 (b), B2.3.2 (b): TRS Super Seam is coated in accordance with AS/NZS 2728:2013 (cited in E2/AS1) which provides for profiled metal roofing and cladding solutions including the durability attributes of the building elements.

C3.4 (a), C3.7 (a): TRS Super Seam is made from steel, aluminum, stainless steel and cooper which are non-combustible.

E2.3.1, E2.3.2, E2.3.5, E2.3.7 (a, b, c): TRS Super Seam is generally in accordance with NZMRM Code of Practice (v3.0) & E2/AS1. Wall cladding and roof cladding system demonstrate compliance with clause E2.

E3.3.4, E3.3.5, E3.3.6: Metal is impervious. TRS Super Seam is to be installed in accordance with E3/AS1.

F2.3.1: TRS Super Seam is safe when handled in accordance with installation instructions

INSTALLATION REQUIREMENTS

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 and/or installer 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. Where the Super Seam system is manufactured from cooper and used as a roof cladding, a substrate of plywood (15 mm) or timber sarking (25 mm) with a building wrap must be installed, that complies with the NZ Building Code. The substrate must be fixed with screws. Oil-based wood treatments must be avoided.

As a roof cladding: Minimum roof pitch of 3° subject to tray lengths and applied environmental loads. Flashings, flexible building underlays and fixings must be in accordance with E2/AS1 and/or the NZMRM Code of Practice (v3.0). Contact with other materials must be in accordance with E2/AS1 and NZMRM Code of Practice (V3.0).

As an external wall cladding: Must be installed over a drained and ventilated cavity. Where installed horizontally, castellated cavity battens are required. Flashings, flexible and rigid building underlays and fixings must be in accordance with E2/AS1 and/or the NZMRM Code of Practice (V3.0). Contact with other materials must be in accordance with E2/AS1 and NZMRM Code of Practice (V3.0).

As an internal wall lining: Where material group 1 or greater is required.

MAINTENANCE REQUIREMENTS

Remove contaminants and debris: It should be kept clean and free of contaminants, such as airborne salts, and debris build up, such as lichen, mould, and bird droppings.

Rain washing: For external uses, normal rain washing will remove most contaminants from roofs and some wall areas.

Manual washing: Kiwicolour recommends that every 6 to 12 months, areas that are not rain-washed, such as wall cladding under eaves and behind gutters, soffits, sheltered garage doors, and sheltered roof areas, including those under trees should be manually washed.

Wash these surfaces by: Water blasting at a pressure of between 1700 and 2800 psi, or hand washing with water and a soft bristled brush.

Avoid Touch-up Recoating: Touch-up paint should not be used on KiwiColour pre-painted steel products. Other proprietary external paint systems will perform and weather differently to the KiwiColour coatings because KiwiColour coatings are applied through a two-bake process. The use of touch-up paint is likely to lead to visible differences in colour between the KiwiColour coating and the touch-up paint in the medium to long term.

TR S Super Seam

CLASS 1

VERSION 1.0

LIMITATIONS ON THE USE OF THE BUILDING PRODUCT

Where exposure zone D applies, Vitor+ and Lux must not be used.

Where "microclimatic conditions" apply (section 4.2.4, NZS 3604:2011), contact The Roofing Store for technical advice.

DESIGN REQUIREMENTS THAT WOULD SUPPORT THE USE OF THE BUILDING PRODUCT

On buildings located any proximity to a relevant boundary, the balance of the external wall (design & construction) must comply with the relevant fire provisions of the NZ building code.

LEGAL AND TRADING NAME OF THE MANUFACTURER

The Roofing Store Limited

NZBN: 9429030587328

212a Cavendish Drive, Wiri, Auckland, New Zealand

IS THE BUILDING PRODUCT/BUILDING PRODUCT LINE SUBJECT TO WARNING OR BAN UNDER SECTION 26 OF BUILDING ACT 2004?

No

STEEL SOURCED FROM

**KIWICOLOUR® PRE-PAINTED STEEL
KIWIGALV™ STEEL**

Kiwi Steel NZ Limited
12 Hautu Drive, Wiri, Auckland, 2104, NZ

BRANCHES

The Roofing Store - Albany
09 972 0060
2 Cowley Place, Albany, Auckland

The Roofing Store - Manukau
09 277 2700
212A Cavendish Drive, Wiri, Auckland

The Roofing Store - Hamilton
07 282 0710
549A Te Rapa Road, Hamilton, Waikato

The Roofing Store - Manukau
06 323 6037
3 Mahinui Street, Fielding, Manawatu

The Roofing Store - Wellington
04 974 5762
38 Waione Street, Petone, Lower Hutt, Wellington

The Roofing Store - Christchurch
03 281 8214
37 Islington Avenue, Waterloo Business Park, Hornby, Christchurch