

CLASS 1

VERSION 1.0

**PRODUCT NAME**

The Roofing Store - TRS Standing Seam

**PRODUCT LINE**

N/A

**BPIS INCLUSION / EXCLUSION**

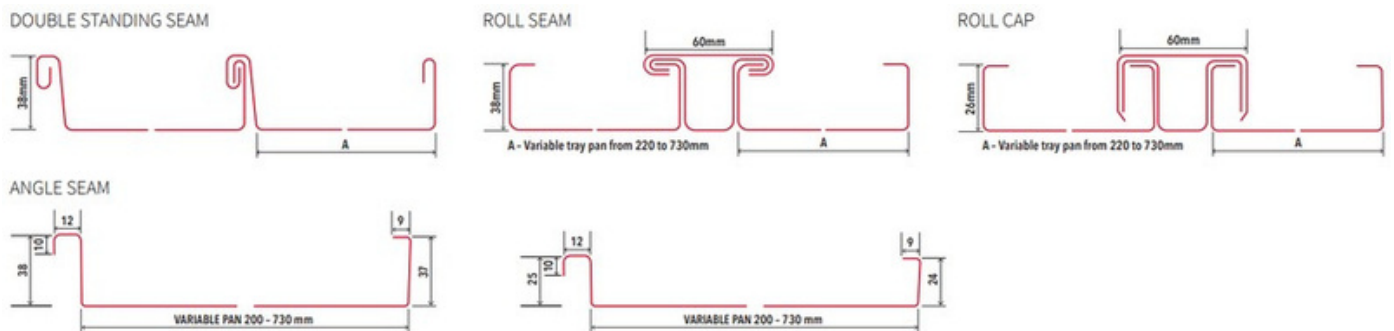
This BPIS incorporates The Roofing Store TRS Standing Seam profile along with associated flashings and other items manufactured by The Roofing Store. While The Roofing Store provides fasteners, underlay, and additional products as part of the roofing supply, it is important to note that the demonstration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

**PRODUCT IDENTIFIER**

TRS Standing Seam

**PRODUCT DESCRIPTION AND ITS INTENDED USE**

The TRS Standing Seam presents a broad tray roofing system designed to be securely affixed to solid substrates like plywood or timber sarking. The maximum tray length is contingent upon factors such as the material utilized, roof pitch, and local conditions. Offering versatility in design, our Standing Seam is available in various profiles, including ANGLE SEAM, DOUBLE STANDING SEAM, ROLL SEAM, and ROLL CAP, making it the most popular and cost-effective choice for both manufacturing and installation.



**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

**G3 Food Preparation and Prevention of Contamination:** Performance clause G3.3.2 (b)

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

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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 Standing 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 Standing 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 Standing Seam is made from steel, aluminum, stainless steel and copper which are non-combustible.

E2.3.1, E2.3.2, E2.3.5, E2.3.7 (a, b, c): TRS Standing 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 Standing Seam is to be installed in accordance with E3/AS1.

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## 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. For use as a roof cladding, a substrate of plywood or timber sarking 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: Only 38 mm Standing Seam may be used 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.

As a 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.

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## 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.

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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.

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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.

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LEGAL AND TRADING NAME OF  
THE MANUFACTURER

**The Roofing Store Limited**  
NZBN: 9429030587328  
212a Cavendish Drive, Wiri, Auckland, New Zealand

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

No

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STEEL SOURCED FROM

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

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

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