

TRS Corrugate

CLASS 1

VERSION 1.0

PRODUCT NAME

The Roofing Store - TRS Corrugate

PRODUCT LINE

N/A

PRODUCT DESCRIPTION AND ITS INTENDED USE

The Roofing Store's TRS Corrugate profile is a versatile roofing and wall cladding solution. Made from roll-formed steel by KiwiSteel, it installs easily with screw fasteners into existing structural supports. Available in a variety of substrates, it offers optimal durability, formability, and aesthetic appeal to suit your specific needs.

INTENDED USE

The TRS Corrugate profile is designed for use as a roofing or cladding component in both residential and commercial applications. Its installation is suitable for timber and/or steel structures. The TRS Corrugate profile can be paired seamlessly with various flashings, gutters, and fascias available from The Roofing Store. Typically, these are ordered along with the necessary fixings, underlay, and sealants for a comprehensive solution

BPIS INCLUSION / EXCLUSION

This BPIS incorporates The Roofing Store TRS Corrugate 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 Corrugate

G550 grade steel with minimum 0.40mm BMT and maximum 0.55BMT gives more resilience to damage.

Key specifications:

Effective Cover: 762mm

Minimum Roof Pitch: 8 Degrees

End Span 0.40/0.55 BMT: 700mm/900mm

Internal Span 0.40/0.55 BMT: 90mm/1300mm

RELEVANT BUILDING CODE CLAUSES:

B1 STRUCTURE**B2 DURABILITY****C3 FIRE AFFECTING AREAS BEYOND THE FIRE SOURCE****E2 EXTERNAL MOISTURE**

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

B1 Structure: 1. Meets the minimum wind load requirements for NZ building code: 2. Meets deflection requirement as per clause 6.2.2 and the ultimate strength test as per clause 6.3 of the AS/NZ building code.

B2 Durability: 1. Passes 500 hour's-controlled condensation. 2. No coating removals.

C3 Fire Affecting Areas Beyond the Fire Source: TRS Corrugate roof and wall claddings are non-combustible as per the AS/NZ building code. The peak rate of heat release and total heat release values for TRS Corrugate roof and wall claddings are within the acceptable limits of C/AS2

E2 External Moisture: Meets the requirements of NZ building code E2/AS1.

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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.

INSTALLATION REQUIREMENTS

Installation should be carried out by a suitably qualified practitioner.

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.

LEGAL AND TRADING NAME OF THE MANUFACTURER

The Roofing Store Limited

NZBN: 9429030587328

212a Cavendish Drive, Wiri, Auckland, New Zealand

DESIGN REQUIREMENTS THAT WOULD SUPPORT THE USE OF THE BUILDING PRODUCT

Buildings that comply with NZS 3604:2011 and building height up to three storeys or 10 m.

Buildings designed in accordance with NSZ 1170:2:2002.

Timber framed construction in accordance with NZS 3604:2011.

Design and installation as per E2/AS1, NZS 3604:2011.

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