

Gutter, fascia

[View miproducts listing](#)



Level of assurance needed to demonstrate NZ Building Code Compliance

Supporting documentation should include technical information by manufacturer and either an independent assessment or reference to an industry-based scheme



Stratco confirms that this minimum level of assurance has been met or exceeded by the following:

NZ Metal Roofing Manufacturers Association Inc.
[NZ Metal Roof & Wall Cladding Code of Practice](#)



The following information has been provided by Stratco demonstrating how this product complies with the [Building Product Information Requirements](#).

Technical Statement

Product Class

CLASS 1

Product Description

Stratco Gutters are functional, stylish, and designed to form a neat finish to the edge of both domestic and commercial roofing. They are also designed to minimise the risk from serious water damage to the building, making Stratco Guttering a wise investment.

Stratco Fascia is used as a base to attach the gutters to, or as a cover to hide the fixing space between the roof, eaves and wall. More than just functional, Stratco Fascia is designed to form a neat, attractive edge between the roofing and wall surface. Stratco Fascia is also used as a barge on gable roofs.

Stratco offer a wide range of downpipes for any domestic roofing or commercial application. Choose from round or square and a range of sizes, there is a Stratco downpipe for any requirement, from minor drainage to large factory projects.

Scope of use

As the primary function of the rainwater system is to efficiently disperse rainwater from the roof to the stormwater drain network, it is imperative to ensure the correct sizing and number of downpipes are used in conjunction with the chosen gutter profile. Where the gutter capacity is greater than the downpipe capacity then the downpipe capacity will determine the number of downpipes required. Conversely where the downpipe capacity is greater than the gutter capacity then the gutter capacity will determine the number of downpipes required. Gutter and downpipe systems must be designed and installed to ensure overflows are to the outside of the structure.

Fascia is used as a base to attach the gutters to, or as a cover to hide the fixing space between the roof, eaves and wall.

New Zealand Building Code (NZBC)

The product will, if employed in accordance with the supplier's installation and maintenance requirements, assist with meeting the following provisions of the building code:

- **Clause B2 Durability:** Performance B2.3.1(c)
Depending on product material and environments:
Paint surfaces warranty on Rainwater products up to 10 years
Perforation warranty— gutters up to 10 years, fascia up to 15 years
- **Clause E1 Surface water:** Performance E1.3.2
E1.3.2 See individual profile information for water carrying capacities
- **Clause E2 External moisture:** Performance E2.3.1
· E2.3.1 Standard design details can be accessed from the web:
www.stratco.co.nz/nz/roofing/gutters/
- **Clause G12 Water supplies:** Performance G12.3.2, G12.3.2(a), G12.3.2(b), G12.3.2(c)
Colorsteel and Colorcote tested in accordance with AS/NZS 4020:2005 passed the requirements for products in contact with drinking water.

Evidence

The product meets the requirements set out in the following documents, or relevant parts of cited standards within the documents:



masterspec partner

Company Contact Details



Company: Stratco
Physical Address: 55 Hands Road
Middleton
CHRISTCHURCH
Postal Address: PO Box 8494
Riccarton
CHRISTCHURCH
Telephone: 64 03 3389063
Fax: 64 03 3382829
Email: technical@stratco.co.nz
Website: www.stratco.co.nz

Zinc/alum coated steel substrate conforms with AS 1397:2013. Pre-painted metals available provide solutions for different environments including various metals, metallic coatings, paint systems and paint thickness. The paint coatings are manufactured in accordance with AS/NZS 2728:2013.

Supporting Evidence

The product has and can make available the following additional evidence to support the above statements:



NZ Metal Roofing Manufacturers Association Inc.
[NZ Metal Roof & Wall Cladding Code of Practice](#)

Use in Service History

Test data is available for coil supplied by NZ Steel (COLORSTEEL) and Pacific Coilcoaters (COLORCOTE). Supporting evidence provided where requested will apply to the product substrate supplied for the specific project.

Both Colorsteel and Colorcote have past history of in-service use of metal long run roof and wall cladding within New Zealand.

Product Criteria

Design requirements

Roof area to be drained.

Local average rainfall intensity (ARI) for building location.

Capacity and fall of gutter. Gutters must be installed to a minimum fall to the downpipe of 1:500 (2mm per metre).

Capacity and number of downpipes required. If the gutter capacity is greater than the downpipe capacity the downpipe capacity will determine the number of downpipes required. Conversely where the downpipe capacity is greater than the gutter capacity then the gutter capacity will determine the number of downpipes required.

Gutter and downpipe systems must be designed and installed to ensure overflows are to the outside of the structure.

The design and use of rainheads where applicable.

In snow regions for building location, the addition of snow straps may be required for gutter systems.

Collection of drinking water.

Run off from, dissimilar metals such as stainless steel and copper should be avoided with any coated or uncoated roofing products

Installation requirements

Roof overhang into the gutter is to be a minimum 50mm. Gutters must be installed to a minimum fall to the downpipe of 1:500 (2mm per metre). Good practice is to increase this to 1:200 (5mm per metre).

The back face of gutters must be lower than the fascia or cladding and have a gap between the fascia and gutter to allow overflow water to drain. This gap is normally provided for by the gutter bracket however if it is not then the gutter should be spaced off the fascia to ensure there is a 6mm gap.

Eaves flashings must be installed where required.

Set out and drop heights for wall & soffit framing to be allowed for with Stratco metal fascia—Refer www.stratco.co.nz/siteassets/pdfs/185-continuous-fascia-set-out.pdf

Maintenance requirements

More regular maintenance is required on the areas that are not naturally washed by rain. These areas include steel fascias and gutters.

Depending on environment, gutters should be cleaned out:

Moderate — six monthly

Severe — three monthly

Very severe — monthly

Cleaning should also be more often where there are high levels of leaf fall and/or dust. Wash areas that are not naturally cleaned by rain with fresh, clean water. If washing with clean water does not completely clean the surface, a mild solution of detergent should be added to the water and applied with a soft bristled nylon brush or by water blasting at pressures of no more than 20MPa. Rinse the painted surface thoroughly with clean water. Never use abrasive or solvent based cleaners such as turps, petrol or kerosene.

Warrantees

[Colorsteel Warranty](#)

[Colorcote Warranty](#)

Company Product Information

Environmental

Stratco has Toitu Enviromark Gold Certification. Stratco sites recycle all steel and aluminium scrap and offcuts which can then be remelted for use in other steel products.

Steel and aluminium are infinitely recyclable so at the end of its useful life the product can be recycled and remelted for other products.

Relationships



Environmental Choice New Zealand

Building Product Information Requirements

Manufacturer

Legal Trading Name:

Stratco

Business Email:

technical@stratco.co.nz

Company Website:

www.stratco.co.nz

Contact Number/s:

+64 03 -3389063
0800 787282

Product Identifier

QUAD GUTTER, 1/4 ROUND GUTTER, EDGE GUTTER, VC GUTTER, 1/2 ROUND GUTTER, SMOOTHLINE GUTTER CONTINUOUS FASCIA DOWNPIPES

Warnings

This product has no warnings associated with it.



Date last validated: **17 June 2024**



Date last updated: **17 June 2024**

Disclaimer: The Product Technical Statement (PTS) template is copyright to Construction Information Limited. However the content of this PTS is the responsibility of the product manufacturer/supplier. Refer to the miproducts Terms and Conditions