BUILDING PRODUCT INFORMATION — BPIR:18RPM-SYS:2026.V2

# 180 R5 pre-painted metal fascia system

System BPIR. Supersedes BPIR:18RPM-SYS:2023.v1. Issued under the Building (Building Product Information Requirements) Regulations 2022.

## Product and manufacturer details

| | |
|---|---|
| Product name | 180 R5 pre-painted metal fascia system |
| Product identifier | 18RPM-SYS |
| Manufacturer's name & address | Refer to Table 3 for Continuous Group branded manufacturing locations and/or supply. |
| Manufacturer's NZBN | 9429034817001 (Continuous Group Ltd). Regional NZBNs are listed in Table 3. |
| Manufacturer's email address | cg@continuous.co.nz |
| Manufacturer's web address | www.continuous.co.nz |
| Place of manufacture | Aotearoa New Zealand |
| Warnings & bans | No |

## Product description

180 R5 Fascia is an architectural term for a frieze or band running horizontally or obliquely and situated vertically under a roof edge. The bracket system provides a screw or nail free face, eliminating filling and re-painting.

TABLE 1

| SYSTEM COMPONENTS | COMPONENT - MATERIAL |
|---|---|
| 180 R5 Fascia Panel<br>CG Soakers (as required) | Manufactured from "Factory Painted" pre-painted metal that complies with NZS:2728 (e.g. ColorCote or Colorsteel brands). Minimum 0.50mm BMT, grade G300 steel with minimum 200gsm zinc/alloy coating (Type 6). |
| CG 180 R5 Bracket | 0.95mm G300 steel with minimum 125gsm alloy / zinc / magnesium protective coating |
| Fastenings / fixings | Minimum Class 4 coated steel screws with a minimum 2.8mm depth head height and minimum 8 gauge screw thickness.<br>Minimum 4/3 aluminium rivet fasteners.<br>Fixings must be compatible with the substrate and bracket material. Stainless steel fixings and components are not compatible with Continuous Group materials. |

## Specifications & installation requirements

180 R5 pre-painted metal fascia system is designed with the following system specifications when installed as per instructions.

TABLE 2

| SYSTEM DETAILS | SPECIFICATION / INSTALLATION |
|---|---|
| Pre-installation design | Designers must review Construction Detail & Common Drop Heights before specifying this system, by utilising the online calculators available on the Continuous Group website. |
| Recommended maximum bracket spacing | 900mm, and within 200mm of corners |
| Maximum soffit slope | 30° |
| Corner styling | Hand cut mitre |
| Compatible spouting | Chief, Big Chief, Quartz, Quartz Plus, Cube 125, Halo 125, Halo 150, Halo 200, Archie-Box (limited to certain sizes) |
| Finish ranges | CG, Designer and Specialty ranges |
| Minimum fixings | Minimum Class 4 screw and/or rivet fasteners, compatible with the substrate and bracket material |
| Installation sequence | Install the bottom purlin after fascia installation. |
| Soffit bearers | Required on all hip corners. Gable ends may require packing under the rafter. |

## Scope of use

180 R5 pre-painted metal fascia system is intended for use as fascia and barge board covering roof truss ends and gable ends around the roof perimeter of a building. It may be used to hold external gutters and soffit linings.

### Limitations of the use of this building product

1. All Continuous Group fascia systems should only be installed by a trade professional and not to be undertaken as a DIY installation. Metal fascia is a specialised system — DIY installation is not recommended, supported or approved.
2. The system is designed to hold gutter and soffit systems only. The attachment of any form of "lean to" outdoor roof system or pergolas is prohibited.
3. The system cannot be installed onto incompatible materials. The system cannot run off onto incompatible materials. Material compatibility, contact and run off to be adhered to in accordance with E2/AS1 Tables 20, 21 & 22. Stainless steel fixings and components are not compatible with Continuous Group materials.
4. The system uses various components as specified in Table 1. These components make up the entire system and cannot be substituted under any circumstances.

5. The system cannot be used in exposure zone "E" (reference E2/AS1 Table 20). Pre-painted steel is suitable in zones B and C without conditions; zone D may require a pre-approval warranty application based on the site address.
6. Site locations must be evaluated in areas with high wind &/or salt &/or thermal/industrial atmospheric conditions. These types of locations may require specific engineering design (SED). Designers must consult metal supplier's information for specific durability requirements (reference E2/AS1 Table 20).

## Maintenance requirements

Link to the Care and Maintenance Document below under "Supporting documentation".

1. Inspection of the system is required every 3 months to check for buildup of residue and organic matter on the face and underside of the fascia.
2. Wash the painted surface of the system at a minimum of every 6 months and immediately after inspection when required.

## Relevant building code clauses

| COMPLIANCE / REGULATION | DETAIL |
|---|---|
| NZBC B1 Structure | Sections: B1.3.1, B1.3.2 & B1.3.3 |
| NZBC B2 Durability | Section: B2.3.1 (b) |
| NZBC F2 | Section: F2.3.1 |
| E2/AS1 External Moisture | Tables: 20, 21 & 22 |
| NZBC C3 Fire Rating | Compliance |
| AS/NZS 4020:2018 | Test of products for use in contact with drinking water |
| Code of Practice V23.09 | Sections as noted in reference to further installation best practice |

### 180 R5 pre-painted metal fascia system contributes to compliance by —

#### NZBC B1 Structure sections B1.3.1, B1.3.2 & B1.3.3

The materials shown in Table 1 and the system details shown in Table 2 of this document meet the performance requirements of B1.3.1, B1.3.2 and B1.3.3.

#### NZBC B2 Durability section B2.3.1 (b) — durability of 15 years in compliance with NZBC B2

The system is moderately difficult to access or replace and any failure of the system would go undetected during normal use of the building but would be easily detected during normal maintenance.

#### NZBC F2 Hazardous Building Materials F2.3.1

The system, manufactured from pre-painted steel as shown in Table 1 of this document, will meet the performance requirements of F2.3.1.

#### E2/AS1 Table 20: "Material Selection" — fascia panel

The 180 R5 Fascia Panel is classified as "Sheltered" and material selection shown in Table 1 of this BPIR meets the requirements of Table 20 for exposure zones B, C & D: "Factory painted" material to NZS 2728 (Type 6).

### E2/AS1 Table 20: "Material Selection" — bracket

The "CG 180 R5 Bracket" is classified as "Hidden" (15 years) and material selection shown in Table 1 of this BPIR meets the requirements of Table 20 for exposure zones B, C & D: metallic-coated steel to AS 1397.

### E2/AS1 Table 21 & Table 22: "Compatibility of material in contact and subject to run-off"

All of the materials shown in Table 1 of this BPIR are compatible in contact and run-off with each other, provided they are installed and run off onto compatible materials.

### NZBC C3 Fire affecting areas beyond the fire source

Colorcote and Colorsteel products are rated as Group 1-S when tested in accordance with ISO 5660:2002.

### AS/NZS 4020:2018: "Testing of products for use in contact with drinking water"

Water that is in contact with material used in manufacturing Continuous Group fascia systems is safe for human consumption.

### Warranty

A 15-year perforation warranty and 10-year paint warranty are provided in exposure zones B, C and D (ColorCote MagnaFlow and ColorSteel Maxam), provided the maintenance conditions are met. Zone D may require a pre-approval warranty application based on the site address.

### NZMRM Code of Practice V23.09

This information is included to assist with further information outside of building code compliance.

8.3 & 8.3A Where the vertical planes of metal facings are exposed to sight, they should be designed to allow movement and minimise thermal buckling, and buckling from timber shrinkage. Maximum dimension between folds should be restricted to 300mm where possible, or swages installed to stiffen the panel. Constructing such flashings from thicker material will also help prevent distortion, but availability of such may be subject to minimum order quantities. Edges should be clip-fastened to allow thermal movement, and lengths over 6m should be installed with a thermal expansion joint. This can be constructed as an overlap, or a negative detail with sheet ends overlapping an under-soaker, with a gap between the ends of the exposed faces. Typically this gap would be 5mm for steel flashings and 10mm for aluminium. 8.5.4 Parapet Cappings shows an example of a parapet cap expansion detail.

8.5.3B Stepped fascia corrugate under barge. 8.5.3C Stepped fascia corrugate over barge.

10.10.1.2 Vents above fascia may require re-positioning of the fascia to allow for their depth. Fascia vents should be used in conjunction with a high fronted spouting so that the ends of the sheet and the vent are not exposed to driven rain.

## Supporting documentation

The following additional documentation supports the above statements.

| DOCUMENT NAME | WEBLINKS |
|---|---|
| 180mm R5 Fascia brochure & specification document | 180 R5 Fascia Brochure and Specifications 2021.pdf |
| 180mm R5 construction & drop height details | 180 R5 Fascia Construction and Drop Height Details Metal and Concrete Roofing 2021.pdf |
| Colorcote BPIR document | Colorcote - MagnaFlow Datasheet 2023-1.pdf (colorcote.co.nz) |
| Colorsteel BPIR document | NZ Steel Product Information Documents |
| Maintenance document | Continuous Group Maintenance Document.pdf |
| Material compatibility selection | Continuous Group Material Compatibility - Material Selection v1.pdf |
| Material compatibility in contact | Continuous Group Material Compatibility - Compatibility of materials in contact v1.pdf |
| Material compatibility subject to run off | Continuous Group Material Compatibility - Compatibility of materials subject to run off v1.pdf |
| Warranty document | Continuous Group Warranties |

## Manufacturing and supply locations

TABLE 3 — CONTINUOUS GROUP MANUFACTURING AND/OR SUPPLY LOCATIONS

| LOCATION | COMPANY DETAILS |
|---|---|
| Northland | Northland Continuous Spouting Ltd (NZBN 9429032689105)<br>2 Sammaree Place, Kerikeri — northland@continuous.co.nz |
| Auckland | Continuous Spouting Auckland Ltd (NZBN 9429034029862)<br>94 Takanini School Road, Takanini, Auckland — auckland@continuous.co.nz |
| Waikato | Continuous Waikato and Bay of Plenty Ltd (NZBN 9429030330535)<br>141 Queens Street, Leamington, Cambridge — waikato@continuous.co.nz |
| Bay of Plenty | Continuous Waikato and Bay of Plenty Ltd (NZBN 9429030330535)<br>31B Enterprise Drive, Papamoa, Tauranga — bop@continuous.co.nz |
| Gisborne | Streetwise Spouting Ltd (NZBN 9429042306276)<br>4 Leith Street, Gisborne — gisborne@continuous.co.nz |
| Hawke's Bay | Rooftech Hawke's Bay Ltd (NZBN 9429035443889)<br>2/7 Cadbury Road, Onekawa, Napier — hawkes_bay@continuous.co.nz |
| Taranaki | Gutter Solutions Ltd (NZBN 9429036739240)<br>Unit 2, 20 Pacific Place, Gonville, Whanganui — taranaki@continuous.co.nz |
| Whanganui / Manawatu | Gutter Solutions Ltd (NZBN 9429036739240)<br>Unit 2, 20 Pacific Place, Gonville, Whanganui — manawatu@continuous.co.nz |
| Wellington | Wellington Continuous Spouting Ltd (NZBN 9429043333974)<br>Unit B, 1 Prosser Street, Porirua — wellington@continuous.co.nz |
| Nelson / Marlborough | Continuous Spouting South Ltd (NZBN 9429050107209)<br>7 Fuji Court, Stoke, Nelson — nelson@continuous.co.nz |
| Westland | Continuous Spouting South Ltd (NZBN 9429050107209)<br>51-57 Revel Street, Hokitika — westland@continuous.co.nz |
| Christchurch / North Canterbury | Continuous Spouting South Ltd (NZBN 9429050107209)<br>16 Westland Place, Izone Industrial Estate, Rolleston — canterbury@continuous.co.nz |
| Mid / South Canterbury | Continuous Spouting South Ltd (NZBN 9429050107209)<br>126 Dobson Street, Ashburton — canterbury@continuous.co.nz |
| Central Otago | Continuous Spouting South Ltd (NZBN 9429050107209)<br>7 Connelly Way, Cromwell — otago@continuous.co.nz |
| Coastal Otago | Continuous Spouting South Ltd (NZBN 9429050107209)<br>8 Benson Close, Mosgiel — otago@continuous.co.nz |
| Southland | Continuous Spouting South Ltd (NZBN 9429050107209)<br>72 Leet Street, Invercargill — southland@continuous.co.nz |

Continuous Group are members of the NZ Metal Roofing Manufacturers Incorporated and the Roofing Association of New Zealand.