BUILDING PRODUCT INFORMATION REQUIREMENTS

# 80mm Form Series copper downpipe clips

Product information supplied by Continuous Group Limited under the Building (Building Product Information Requirements) Regulations 2022.

## PRODUCT AND MANUFACTURER DETAILS

| | |
|---|---|
| Product name | 80mm Form Series copper downpipe clips |
| Product identifier | 80FSCCU-COM |
| Manufacturer's name & address | Continuous Group Ltd, 6 Yashili Drive, Pokeno 2402 |
| Manufacturer's NZBN | 9429034817001 |
| 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

80mm Form Series copper downpipe clips (strap brackets) are a component used in the installation of the 80mm Form Series copper downpipe system. They fix the downpipe to the cladding or structure.

TABLE 1 — COMPONENT MATERIAL

| COMPONENT | COMPONENT — MATERIAL |
|---|---|
| 80mm Strap Bracket | Manufactured from 0.55mm Copper — ¾ Hard (Grade C12200) that complies with BS EN 1172 as per E1/AS1 Table 4 and AS 1566 |

## INSTALLATION REQUIREMENTS

Refer to 80mm Form Series copper downpipe system BPIR:80FSCU-SYS:2023.v2 for full system and installation details. Clips are fixed 300mm from the dropper or first bend, then at a maximum of 2400mm centreline spacing, and are recommended within 400mm of bends, tees and drain connections. The strap bracket sets an off-set of 35–40mm between the wall and the back of the downpipe.

TABLE 2 — PRODUCT DETAILS

| PRODUCT DETAILS | SPECIFICATION |
|---|---|
| Bracket off-set | 35–40mm between the wall and the back of the downpipe once installed. |
| Maximum spacing | 300mm from the dropper or first bend, then 2400mm centreline. |
| Exposure zones | Suitable in Zones B, C, D and E (all copper products). |
| Warranty | 20-year material and perforation warranty (Zones B, C, D, E), provided maintenance conditions are met. |

## SCOPE OF USE

80mm Form Series copper downpipe clips are designed to fit 80mm Form Series copper downpipes and cannot be fitted to any other downpipe profile.

### Limitations of the use of this building product

1. All Continuous Group downpipe systems should only be installed by a trade professional.
2. The product cannot be installed onto cladding with incompatible materials, and 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 these materials.
3. Timber fixing points are required for downpipe brackets where soft claddings are used (for example polystyrene with plaster).
4. Site locations must be evaluated in areas with high wind and/or salt and/or thermal/industrial atmospheric conditions. These 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

Refer to the Care and Maintenance Document listed under "Supporting documentation".

1. Inspection of the product is required every 3 months to check for build-up of residue and organic matter, and that the downpipe is draining freely.
2. Wash the exterior surface at a minimum interval of every 6 months, and immediately after inspection if required.

## RELEVANT BUILDING CODE CLAUSES

| COMPLIANCE / REGULATION | DETAIL |
|---|---|
| E1/AS1 Surface water | Section 4.1.1 |
| E2/AS1 External moisture | Tables 20, 21 & 22 |
| AS/NZS 2179.1:2014 | Section 2.4.2 |

## 80mm Form Series copper downpipe clips contributes to compliance by —

**E1/AS1 section 4.1.1: "Materials for downpipes shall comply with the standards stated in Table 4."**

Manufactured from copper sheet to BS EN 1172 and AS 1566, which is an acceptable material standard for downpipes.

**E2/AS1 Table 20: "Material selection."**

The component is classified as "sheltered" and the material selection shown in Table 1 meets the requirements of Table 20 for exposure Zones B, C, D & E for "copper" materials.

**AS/NZS 2179.1:2014 section 2.4.2: "Copper and copper alloys used for rainwater goods shall comply with AS 1566."**

The clips are manufactured from copper that complies with AS 1566 as shown in Table 1.

## SUPPORTING DOCUMENTATION

The following additional documentation supports the above statements.

| DOCUMENT NAME | WEBLINK |
|---|---|
| Downpipe brochure & specification document | Continuous Group Downpipe Brochure and Specification 2021.pdf |
| Maintenance document | Continuous Group Maintenance Document.pdf |
| Material compatibility — material 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 |

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