BUILDING PRODUCT INFORMATION REQUIREMENTS

100mm 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	100mm Form Series copper downpipe clips
Product identifier	100FSCCU-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

100mm Form Series copper downpipe clips (strap brackets) are a component used in the installation of the 100mm Form Series copper downpipe system. They fix the downpipe to the cladding or structure.

TABLE 1 — COMPONENT MATERIAL

COMPONENT	COMPONENT — MATERIAL
100mm 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 100mm Form Series copper downpipe system BPIR:100FSCU-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

100mm Form Series copper downpipe clips are designed to fit 100mm 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

100mm 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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