

Continuous Group Limited - Building Product Information – Cube 125 copper spouting custom length

| Product and manufacturer details | |
|----------------------------------|--|
| Product Name: | Cube 125 copper spouting |
| Product Identifier: | C12CU-COM |
| Manufacturer's Name & Address | Refer to table 3 for Continuous Group branded manufacturing locations and/or supply. |
| 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

Cube 125mm copper spouting custom length is the main component used in the installation of the Cube 125 spouting system.

Table 1

| System Components | Component - Material |
|-------------------|---|
| Cube 125 Spouting | Manufactured from 0.60mm DHP Copper – Hard (Grade C12200) that complies with BS EN 1172 as per E1/AS1 Table 6 and AS1566 Manufactured from 0.60mm Copper – Hard (Grade C12200) |

Specifications & Installation Requirements

Refer to Cube 125 copper spouting system BPIR:C12CU-SYS:2023:v1 for full system and installation details.

Table 2

| System details | Specification / Installation |
|----------------------------------|------------------------------|
| Maximum Cross Sectional capacity | 8656mm ² |
| Flow Capacity | 110 litres per minute |

Scope of use

Cube 125 copper spouting is an external spouting length designed to collect and channel water that runs off a roof. It is intended that the product is positioned outside of the building envelope.

Limitations of the use of this building product:

1. The product cannot be installed onto fascia or cladding with incompatible materials. The product cannot run-off onto incompatible materials. Material Compatibility, Contact and Run off to be adhered to in accordance with E2/AS1 Table 20, 21 & 22.
2. The product cannot be used as an "Internal gutter" as described in the NZMRP-COP "A gutter positioned inside the building envelope".
3. The product may require an additional snow support system depending on site location and altitude. (*Reference Section 15 "Snow Loading" NZS3604*)
4. 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).

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Maintenance Requirements

(Link to 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 inside the system.
2. Remove any debris from the inside of the spouting at least every 6 months and immediately after inspection if required.

Relevant building code clauses.

| Compliance/Regulation | Detail |
|--------------------------|--|
| E1/AS1 Surface water | Sections: 5.1.4 & 5.2.1 |
| E2/AS1 External Moisture | Table 20 |
| AS/NZS 2179.1.2014 | Section: 2.4.2, 3.2.1 and Table 3.1 |
| B2/AS1 | Table 1: Durability Requirements of Nominated Building Element |

Cube 125 copper spouting system contributes to compliance by –

E1/AS1 Section 5.1.4: “In no case shall the cross-sectional area of any gutter be less than 4000 mm².”

- Gutter cross sectional area is 8656mm².

E1/AS1 Section 5.2.1: “Roof gutter materials shall comply with the standards stated in Table 6”

- Copper sheet used to manufacture gutters meets the standard BS EN 1172 as per E1/AS1 table 6.

E2/AS1 Table 20: “Material Selection”

- The product 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 & E for “Copper” and “uPVC” materials..

AS/NZS 2179.1.2014 Section 2.4.2: “Copper and copper alloys used for rainwater goods shall comply with AS 1566”

- Spouting is manufactured from copper that complies with AS 1566 as shown in table 1 of this BPIR.

AS/NZS 2179.1.2014 Section 3.2.1 and Table 3.1: “The effective cross-sectional area and minimum base metal thickness (BMT) of shape or sheet for eaves gutters, stop ends and flashing saddles with sole width equal to or less than 200mm shall be specified as in Table 3.1- Gutters less than 10000mm² manufactured from G300 coated steel require a minimum BMT of 0.50mm.”

- Spouting (Gutter) meets the specification required as detailed in table 3.1.

B2/AS1 Table 1: Durability Requirements of Nominated Building Element- requires external gutters to have a durability of 5 Years.

- 20 year warranty is provided with this gutter product provided the maintenance conditions are met.

Supporting documentation

The following additional documentation supports the above statements:

| Document name | Weblinks |
|--|--|
| Cube 125mm Brochure & Specification Document | Cube 125 Spouting Brochure and Specification 2021.pdf |
| 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 |

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Table 3 - Continuous Group manufacturing &/or supply locations

| Location | Company details |
|--|--|
| Continuous Group Northland | Northland Continuous Spouting Ltd. (NZBN# 9429032689105) 2 Sammaree Place, Kerikeri northland@continuous.co.nz |
| Continuous Group Auckland | Continuous Spouting Auckland Ltd. (NZBN# 9429034029862) 94 Takanini School Road, Takanini, Auckland auckland@continuous.co.nz |
| Continuous Group Waikato | Continuous Waikato Ltd. (NZBN# 9429030330535) 141 Queens Street, Leamington, Cambridge waikato@continuous.co.nz |
| Continuous Group Bay of Plenty | Continuous Group BOP Ltd. (NZBN# 9429048508520) 31B Enterprise Drive, Papamoa, Tauranga bop@continuous.co.nz |
| Continuous Group Gisborne | Streetwise Spouting Ltd. (NZBN# 9429042306276) 4 Leith Street, Gisborne gisborne@continuous.co.nz |
| Continuous Group Hawke’s Bay | Rooftech Hawke’s Bay Ltd. (NZBN# 9429035443889) 2/7 Cadbury Road, Onekawa, Napier Hawkes_bay@continuous.co.nz |
| Continuous Group Taranaki | Gutter Solutions Ltd. (NZBN# 9429036739240) 46 Jellicoe Street, Whanganui East taranaki@continuous.co.nz |
| Continuous Group Whanganui/Manawatu | Gutter Solutions Ltd. (NZBN# 9429036739240) 46 Jellicoe Street, Whanganui East manawatu@continuous.co.nz |
| Continuous Group Wellington | Wellington Continuous Spouting Ltd. (NZBN# 9429043333974) 8 Hollands Crescent, Naenae, Lower Hutt wellington@continuous.co.nz |
| Continuous Group Nelson/Marlborough | Top of the South Continuous Spouting Ltd. (NZBN# 9429037834142) 7 Fuji Court, Stoke, Nelson nelson@continuous.co.nz |
| Continuous Group Westland | Continuous Spouting South Ltd. (NZBN# 9429050107209) 51-57 Revel Street, Hokitika westland@continuous.co.nz |
| Continuous Group Christchurch/North Canterbury | Continuous Spouting South Ltd. (NZBN# 9429050107209) 16 Westland Place, Izone Industrial Estate, Rolleston canterbury@continuous.co.nz |
| Continuous Group Mid/South Canterbury | Continuous Spouting South Ltd. (NZBN# 9429050107209) 126 Dobson Street, Ashburton canterbury@continuous.co.nz |
| Continuous Group Central Otago | Continuous Spouting South Ltd. (NZBN# 9429050107209) 5 Connelly Way, Cromwell otago@continuous.co.nz |
| Continuous Group Coastal Otago | Continuous Spouting South Ltd. (NZBN# 9429050107209) 8 Benson Close, Mosgiel otago@continuous.co.nz |
| Continuous Group Southland | Continuous Spouting South Ltd. (NZBN# 9429050107209) 72 Leet Street, Invercargill southland@continuous.co.nz |



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