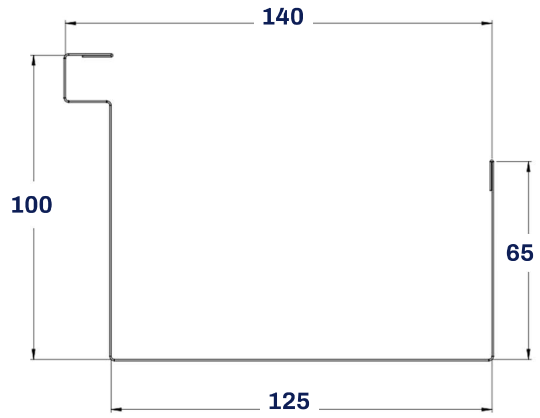
TECHNICAL SPECIFICATION

ARCHIE 125 Architectural Box · 125 × 65mm



CAPACITY & INSTALLATION

Maximum cross-sectional area	**8,125 mm²**
Flow capacity	**116 Litres/min**
Recommended fall	**1:1000 — 1mm per metre**
Maximum bracket spacing	**600mm**
Minimum overflow gap	**3.00mm – 9.00mm continuous overflow emergency gap, depending on size**
Minimum downpipe cross-section	**3,550 mm²**
Snow protection	**Snow straps**
Round downpipe cross-sections	**65mm ø = 3,550 mm²** **80mm ø = 5,020 mm²** **100mm ø = 7,690 mm²**
Rectangular downpipe cross-sections	**75×55 = 4,125 mm²** **100×55 = 5,500 mm²**

All calculations shown are for our standard Archie 125 box size — customised product will vary from the stated figures. Downpipe type, count and spacing are sized to the catchment area and confirmed at time of order.

PRODUCT SPECIFICATIONS

Pre-painted steel	0.55mm G300 — ColorCote MagnaFlow with min 200gsm alloy/zinc/magnesium coating, Colorcote MagnaFlow Plus with min 200gsm alloy/zinc/magnesium with PVDF coating or ColorSteel Maxam with min 150gsm alloy/zinc/magnesium coating
Pre-painted aluminium	0.90mm — Colorcote AlumiGard or Colorsteel Altimate, substrate aluminium Grade 5005 H34
Pure copper	0.50–0.60mm copper, ¾ hard, grade C12200
External bracket	4.00mm aluminium 5052-H32, or 5.00mm copper (extruded)
Internal bracket (limited to certain sizes)	2.50mm aluminium 5052-H32
Recommended fixings	Minimum Class 4 screw and/or rivet fasteners, compatible with substrate and bracket material

SCOPE OF USE

Continuous Group rainwater systems are intended to collect and channel water that runs off a roof. The metal spouting is intended to be placed at the perimeter of the building, positioned outside the building envelope.

NZBC COMPLIANCE

Test information available from Pacific Coilcoaters, New Zealand Steel and Ambro Metals, combined with the past history of rainwater products, indicates that provided product use and maintenance is in line with the guidelines in current literature, Continuous Group rainwater systems can be expected to meet the performance criteria in clause E2 of the New Zealand Building Code.

DURABILITY

Pure copper and pre-painted aluminium products are fit for purpose in environment zones B, C, D and E.* Pre-painted steel products are fit for purpose in environment zones B and C;* zone D may require a pre-approval warranty application based on the site address.*

*In all cases, areas with high wind and/or salt and/or thermal or industrial atmospheric conditions may require specific engineering design (SED). Reference: Section 4, "Durability", NZS 3604:2011.

MAINTENANCE

Continuous Group rainwater systems require regular maintenance to ensure the useful life of the products. Minimum maintenance interval of every 6 months, or as often as needed to avoid build-up of contaminants such as dirt, salt and pollen on the spouting surface. Simply spray and rinse with water and, if necessary, scrub with a soft nylon brush. Specific maintenance products are listed in our Care & Maintenance document.

WARRANTY

MagnaFlow & Maxam pre-painted steel*

15 year Perforation warranty — exposure zones B, C and D.

10 year Paint warranty — exposure zones B, C and D.

Pure copper

20 year Material and perforation warranty — exposure zones B, C, D and E.

AlumiGard & Altimate pre-painted aluminium

15 year Perforation warranty — exposure zones B, C, D and E.

10 year Paint warranty — exposure zones B, C, D and E.

*Subject to manual washing depending on exposure zone. Full details and conditions of our comprehensive Warranty are on our website.

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All information, images and drawings are correct at time of publication August 2026