

CLASS 2

Building Product Information Sheet

Product name:

EZI-FLO™ Roofing Industries Rainwater Systems

Product line *(the product line from which the product is customised):*

EZI-FLO™ Roofing Industries Rainwater Systems

Roofing Industries Rainwater Systems are manufactured in a range of substrate materials to meet NZ's exposure zones and are available in the following base metal materials:

- Zinalume
- Galvanised
- Aluminium
- Stainless Steel
- Copper
- Zinc
- Zinc Magnesium Alloy
- ColorCote®
- Colorsteel®

Product Description and its intended use *(measurements, materials, usage):*

Roofing Industries Rainwater System are designed to dispose of external moisture precipitating onto the surface of a roof. The system comprises primarily of:

- Gutters
- Downpipes including bends and joiners
- Brackets

Product identifier

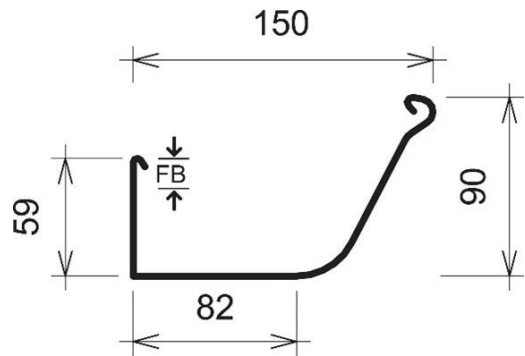
EZI-FLO™

Traditional Spouting Systems

A comprehensive selection of modern and contemporary spouting systems designed to be both functional, aesthetically pleasing and suited to most residential and some commercial applications irrespective of roofing style and materials used.

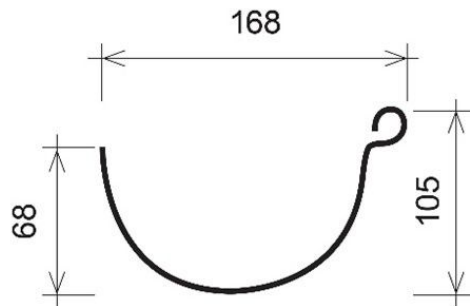
Quarter Round

Quarter Round spouting maintains its traditional appeal, provides simplicity with classic lines and is particularly suited to most residential applications. Supplied with internal concealed or colour-matched external brackets Full cross sectional area : 6,815mm²



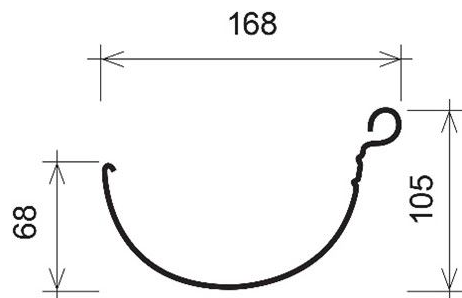
1/2 Round 168mm

An aesthetically pleasing spouting and coupled with an excellent water holding capability, most certainly adds style and functionality to any home. Supplied with internal brackets Full cross sectional area : 7,930mm²



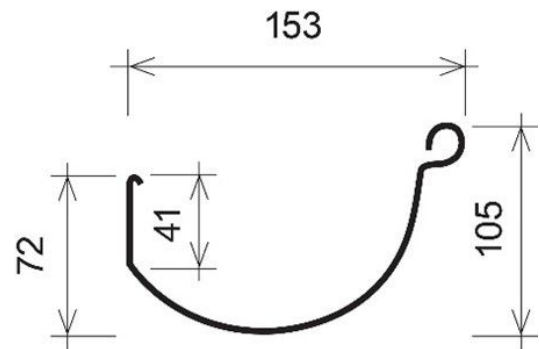
1/2 Round Swaged 168mm

A recent and attractive addition to the ½ Round Spouting range and manufactured with a twin swage front
Supplied with colour-matched external brackets Full cross sectional area: 7930mm²



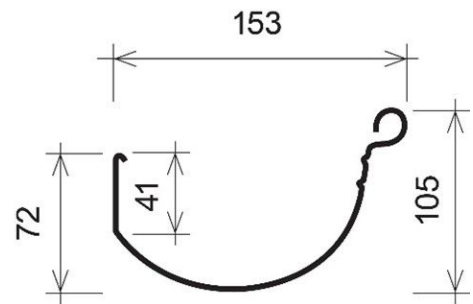
1/2 Round Flat Pack

A marginally narrower version than traditional ½ Round spouting and incorporates a “flat back” shape designed to reduce the cavity area under and behind the spouting. An additional twin strengthening swage is manufactured into the front of the spouting for commercial applications. Supplied with internal or colour-matched external brackets Full cross sectional area: 8.050mm²



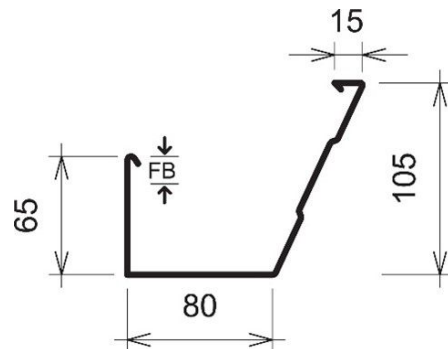
1/2 Round Flat Back Swaged

Similar to ½ Round “flat back” however has a twin swage manufactured into the front of the spouting. Supplied with internal or colour-matched external brackets Full cross sectional area: 8.050mm²



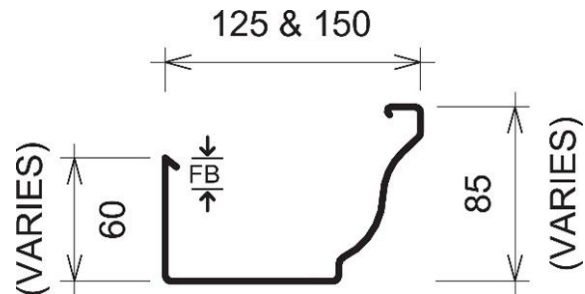
J Line

An extremely popular spouting system which utilises an extended sloping face to hide the end of the roofing and is particularly beneficial for use on low roof-pitch residential applications. Supplied with internal brackets Full cross sectional area : 6,240mm²



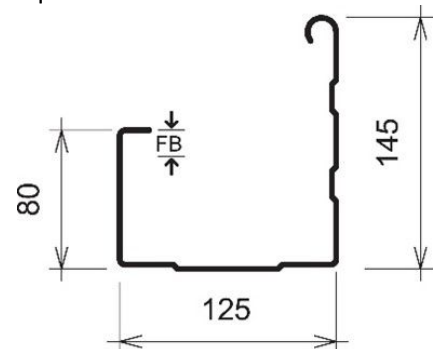
Old Gothic

Available in two sizes, Old Gothic is reminiscent of the spouting types traditionally used on colonial homes, however in recent times the system has certainly regained popularity as brackets an attractive option across many residential builds. Supplied with internal or colour-matched external brackets Full cross sectional area : (125mm) 6,000mm²



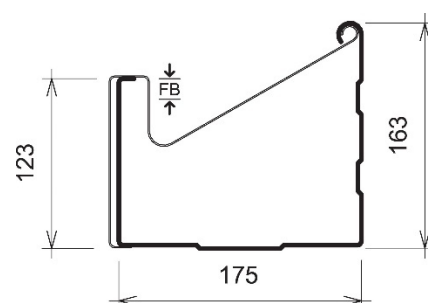
RI 125mm Box Gutter

A High flow gutter system designed to perform in both residential and commercial applications and where heavy rainfall intensities may occur. A higher face also prevents unsightly views of the end of the roofing particularly where higher ribbed profiles have been used. Supplied with unpainted or post painted concealed fixing clips. Colour-matched external brackets are available to specific request.



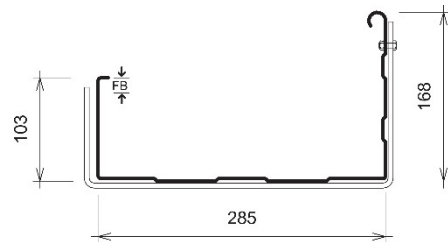
175mm Box Gutter

A bold and strong gutter and when coupled with appropriate downpipes has a relatively high flow rate for use in commercial applications. Supplied with unpainted or post painted internal clips or external brackets.



300mm Box Gutter

A large commercial and industrial extra wide gutter supported by heavy duty external holding brackets and primarily designed to discharge large amounts of water over a relatively short period of time. Supplied with unpainted or post painted heavy duty external brackets.



Lengths: 125, 175 and 300 Box gutters are manufactured to any length with a maximum of 8000mm. Other lengths may be available by application.

Materials: Ezi-Flo Gutters are available as Zincalume, Galvanised, Aluminium, Stainless Steel, Copper, Zinc, Zinc Magnesium Alloy, Colorcote® and Colorsteel® pre-painted modern colour surface finishes. Additional specialised substrates and paint coatings may be available subject to minimum order.

All dimensions shown in the drawings above are nominal and in mm.

Custom Design

Purpose-made gutters can also be manufactured to meet specific requirements with appropriate external brackets to suit.

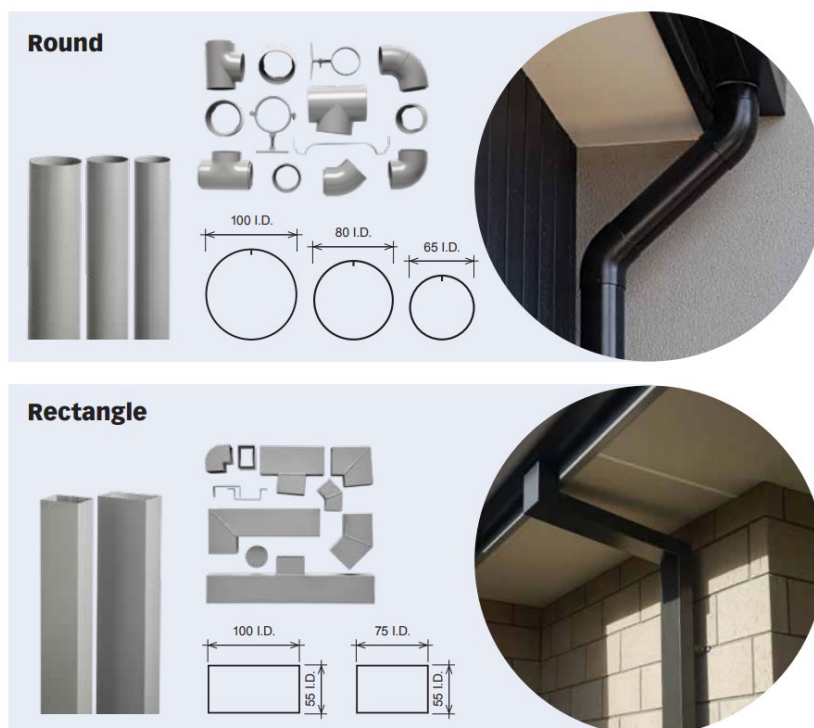


(Refer to Roofing Industries EZI-FLO™ Brochure on www.roof.co.nz for more information).

EZI-FLO™

Downpipe Systems

Ezi-Flo™ Downpipes are aesthetically appealing and innovatively manufactured using proprietary bends and joiners thereby providing unobstructed water flow from the guttering to storm water drainage and more importantly, reducing the possibility of rainwater ingress. Supplied in both Round and Rectangular shapes of various lengths, Ezi-Flo™ Downpipes are manufactured using an extensive range of metal substrates and surface finishes, including Colorcote® and Colorsteel® to suit modern building design requirements. Stock lengths are 3200mm however other lengths can be manufactured subject to building regulation and material availability.



Lengths: Ezi-Flo™ Round and Rectangle downpipes are supplied in stock lengths of 3200mm. Manufactured to length downpipes can be supplied subject to pricing, material availability and some length limitation requirements.

Materials: Ezi-Flo™ Downpipes are available as Zincalume, Galvanised, 1.6mm extruded Aluminium, Alumiguard™, Stainless Steel, Copper, Zinc, Zinc Magnesium Alloy, Colorcote® and Colorsteel® prepainted modern colour surface finishes. Additional specialised substrates and paint coatings may be available subject to minimum order.

Place of manufacture: Aotearoa New Zealand



Overseas



Legal and trading names of the manufacturer(s):

Roofing Industries Limited

Legal and trading names of the importer (if applicable):

N/A

Address for service:

Auckland (Head Office) 5 John Glenn Avenue, North Harbour 0751. Ph:(09) 414 4585. E:auckland@roof.co.nz.

Whangarei 4A Fraser Street, Whangarei 0112. Ph: (09) 437 2040. E:northland@roof.co.nz.

Pukekohe 212 Manukau Road, Pukekohe, South Auckland 2120. Ph: (09) 238 0050. E:franklin@roof.co.nz.

Hamilton 63 Tasman Road, Avalon, Hamilton 3200. Ph: (07) 849 5115. E:waikato@roof.co.nz.

Tauranga 80 Portside Drive, Mount Maunganui, Tauranga 3116. Ph: (07) 929 7034. E:tauranga@roof.co.nz.

Taupo 1158 Rakaunui Road, Taupo 3351. Ph: (07) 376 7971. E:taupo@roof.co.nz.

Hawkes Bay 5 Poporo Way, Longlands, Hastings Napier 4175. Ph: (06) 281 2586. E:napier@roof.co.nz.

New Plymouth 11 Oropuriri Road, Waiwhakaiho, New Plymouth. Ph: (06) 758 3003. E:taranaki@roof.co.nz.

Palmerston North: 653 Tremaine Avenue, Palmerston North 4410. Ph: (06) 353 8480. E:central@roof.co.nz.

Wellington: 22 Cornish Street, Korokoro, Lower Hutt 5012. Ph: (04) 238 4390. E:wellington@roof.co.nz.

Blenheim: 5 Kendrick Road, Riverlands 7274. Ph: (03) 339 2324. E:blenheim@roof.co.nz.

Christchurch: 12 William Lewis Drive, Sockburn, Christchurch 8042. Ph: (03) 339 2324. E:christchurch@roof.co.nz.

Southern Lakes: 3 Proctor Way, Cromwell 9310. Ph: (03) 928 6869. E:cromwell@roof.co.nz.

Invercargill: 133 Bill Richardson Drive, Avenal, Invercargill 9810. Ph: (03) 9286869. E:southland@roof.co.nz.

Dunedin: 33 Strathallan Street, South Dunedin, Dunedin 9012. Ph: (03) 9286869. E:otago@roof.co.nz.

Website:

www.roof.co.nz

email address:

office@roof.co.nz

NZBN (if applicable):

9429037458621

Relevant Building code Clauses:

- **Clause B1 Structure:** Performance B1.3.3(a), B1.3.3(b), B1.3.3(g), B1.3.3(h)
- **Clause B2 Durability:** Performance B2.3.1(b)(i)
- **Clause C3 Fire affecting areas beyond the fire source:** Performance C3.9
- **Clause E2 External moisture:** Performance E2.3.1, E2.3.2
- **Clause F7 Hazardous Building Materials:** F2.3.1

Statement of how the building product is expected to contribute to compliance:

Design requirements to comply with the relevant clauses of the NZBC

B1 – Structure

- To comply with NZBC Clause B1 – Structure Roofing Industries Rainwater Systems shall be fixed in accordance with the Load Span Graphs and fixing patterns and detailed in:
 - Roofing Industries Rainwater Systems Profile Technical Statement (PTS) or
 - NZ Metal Roofing and Wall Cladding Code of Practice (COP) Section 3

B2 – Durability

- To comply with NZBC Clause B2, Roofing Industries Rainwater Systems and flashings substrate material and fasteners shall be selected in accordance with Acceptable Solution E2/AS1 Table 20: *Material Selection*.

C3 Fire:

- **ColorCote® Zinacore™** is rated as a Group 1-S when tested in accordance with ISO 5660:2002 Part 1 & Part 2.
- **ColorCote® Magnaflow™** is rated as a Group 1-S when tested in accordance with ISO 5660:2002 Part 1 & Part 2.
- **ColorCote® Alumigard™** is rated as a Group 1-S when tested in accordance with ISO 5660:2002 Part 1 & Part 2.
- **Colorsteel® Maxx®** is rated as a Group 1-S when tested in accordance with ISO 5660:2002 Part 1 & Part 2.
- **Colorsteel® Maxam®** is rated as a Group 1-S when tested in accordance with ISO 5660:2002 Part 1 & Part 2.
- **Colorsteel® Endura®** is rated as a Group 1-S when tested in accordance with ISO 5660:2002 Part 1 & Part 2.
- **Zincalume®** is rated as a Group 1-S when tested in accordance with ISO 5660:2002 Part 1 & Part 2.
- **Galvsteel®** is rated as a Group 1-S when tested in accordance with ISO 5660:2002 Part 1 & Part 2.
- For other materials contact Roofing Industries for more information

E1 Surface Moisture

- External gutters shall be selected in accordance with Section 5 and Figure 15 of Acceptable Solution E1/AS1. Alternatively, the NZMRM COP Section 5 – Roof Drainage and the gutter calculators may be used to support evidence an Alternate Solution.
- Downpipes shall be selected in accordance with Section 4 and Table 5 of Acceptable Solution E1/AS1. Alternatively, the NZMRM COP Section 5 – Roof Drainage and the downpipe calculators may be used to support evidence an Alternate Solution.
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E2 – External Moisture

- **Roofing Industries Rainwater Systems**, shall be installed and maintained in accordance with manufacturer's recommendations and details (available on www.roof.co.nz), Acceptable Solution E2/AS1 where applicable and/or the NZMRM COP in order to comply with NZBC Clause E2 – External Moisture

Limitations of the use of the building product:

Roofing Industries Rainwater Systems used and installed in accordance with Roofing Industries Rainwater Systems Brochure, details and installation recommendations

Installation requirements:

Refer to:

- Roofing Industries Rainwater Systems available on www.roof.co.nz.
- Roofing Industries Rainwater Systems Details for the specific roof/wall cladding selected, available on www.roof.co.nz.
- NZMRM Installation Guide: Metal Longrun Roofing and Cladding available on www.roof.co.nz.
- E1/AS1 & E2/AS1 where applicable.

Installation of Roofing Industries profiled metal roofing and wall cladding shall be carried out by a suitably qualified and experienced metal roofing and cladding installer / LBP.

Maintenance requirements:

Refer to:

- Roofing Industries maintenance recommendations available on www.roof.co.nz
- NZ Steel Colorsteel® / PCC ColorCote® Maintenance recommendations available on available on www.roof.co.nz
- Specific maintenance requirements detailed on ColorCote®/Colorsteel® warranty document for the product supplied.
- NZMRM Code of Practice (COP)

Is the building product/building product line subject to warning or ban under section 26?

Yes

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No

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If yes description of the warning or ban under section 26:

N/A

Date:

4 July 2025

Version:

2.1

Disclaimer: Any advice given in this document is given in good faith. Roofing Industries makes no representations or warranties about the information or design advice provided (whether contained in a document, or other cited or related documents) including (but not limited to) whether the information, and any materials referred to, are fit for purpose. The user is responsible for ensuring that the information, and any materials referred to, are fit for the purpose for which they are intended to be used. Except as required by law, Roofing Industries is not liable for any cost, loss, claim or expense incurred by any person as a result of any person using or relying on the information in this document.

Appendix – Links to suppliers' websites of key accessory products contributing to the roofing & wall cladding system:

Fasteners: Screws, nails, rivets:

- Konnect: [Industrial Fasteners and Hardware Online | Konnect Fastening Systems](#)
- Bremick: [Home | Bremick Fasteners](#)

Underlays: Kraft papers, Synthetic underlay, Foils

- Dristud: [DriSpace - DriSpace](#)
- Thermakraft: [Thermakraft](#)

Netting: 50mm & 75mm underlay support netting, safety mesh

- Paul Industries: [Bayonet Wire Fencing and Construction Products](#)
- Thermakraft: [Thermakraft](#)

Translucent sheeting: (clear lights), Fiberglass, polycarbonate:

- Ampelite: [ampelite.co.nz/Home.php](#)
- Alsynite: [Home - Alsynite One NZ Ltd](#)

Boot Flashings:

- Aquaseals / Aquadapts:
[Industrial Fasteners and Hardware Online | Konnect Fastening Systems](#)