

# ROOFING INDUSTRIES EZI-FLO™ Rainwater Systems

Product Technical Statement: 110935



Innovative and aesthetically pleasing Rain water systems

[View miproducts listing](#)



**Level of assurance needed to demonstrate NZ Building Code Compliance**  
Supporting documentation should include self-assessment and technical information by manufacturer



ROOFING INDUSTRIES confirms that this minimum level of assurance has been met or exceeded by the following:  
NZMRM  
[NZ Metal Roofing Manufacturers Association](#)



The following information has been provided by ROOFING INDUSTRIES demonstrating how this product complies with the [Building Product Information Requirements](#).

## Technical Statement

### Product Class

CLASS 2

### Product Description

Roofing Industries EZI-FLO™ gutter systems include:

<https://www.roof.co.nz/rainwater-solutions>

- Quarter Round
- 1/2 Round 160
- 1/2 Round Swaged 168mm
- 1/2 Round Flat Back
- 1/2 Round Flat Back Swaged
- J Line
- Old Gothic
- 125 Box Gutter
- 175 Box Gutter
- 300 Box Gutter

### Scope of use

Roofing Industries EZI-FLO™ gutter systems for buildings constructed within the scope of:

- AS/NZS3500.3
- MRM (MRM Code of Practice)
- SA HB 39 Installation code for metal roof and wall cladding

BPIIS - [https://assets.website-files.com/64a4bd09f03a4c32ba27a741/657777c1030c383481596009\\_BPIIS%20Roofing%20Industries%20Rainwater%20systems%20Class%202%20%3D%204%20Dec%2023%20-%20V1.1.pdf](https://assets.website-files.com/64a4bd09f03a4c32ba27a741/657777c1030c383481596009_BPIIS%20Roofing%20Industries%20Rainwater%20systems%20Class%202%20%3D%204%20Dec%2023%20-%20V1.1.pdf)

### New Zealand Building Code (NZBC)

The product will, if employed in accordance with the supplier's installation and maintenance requirements, assist with meeting the following provisions of the building code:

- **Clause B1 Structure:** Performance B1.3.1, B1.3.2, B1.3.3, B1.3.4, B1.3.5, B1.3.6, B1.3.7

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

- **Clause B2 Durability:** Performance B2.3.1(c)

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.

- **Clause E1 Surface water:** Performance E1.3.1, E1.3.2, E1.3.3, E1.3.3(a), E1.3.3(b), E1.3.3(c), E1.3.3(d), E1.3.3(e), E1.3.3(f)  
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.
- **Clause E2 External moisture:** Performance E2.3.1  
Roofing Industries Rainwater Systems, shall be installed and maintained in accordance with manufacturer's recommendations and details (available on [www.roof.co.nz](http://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

### Notes

NEW ZEALAND BUILDING CODE (NZBC)

- B1— Structural, gutter brackets at fixed to the fascia to load application.
- B2/AS1 will be met by nominated materials in the following environments as defined in COLORCOTE or COLORSTEEL
- E1— sets the design rainfall intensities and also makes other requirements for gutters

### Evidence

The product meets the requirements set out in the following documents, or relevant parts of cited standards within the documents:

The product has and can make available the following additional evidence to support the above statements:

New Zealand Metal Roofing Manufacturers Association Inc (NZMRM) [Code of Practice](#)

### Supporting Evidence

The product has and can make available the following additional evidence to support the above statements:



NZMRM  
[NZ Metal Roofing Manufacturers Association](#)

### Use in Service History

Roofing Industries EZI-FLO™ Rainwater System

Test information available for our coil supplied by NZ Steel (COLORSTEEL) and Pacific Coilcoaters (COLORCOTE) and past history of in-service use of metal long run roof and wall cladding within New Zealand.

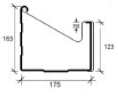
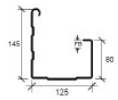
### Product Criteria

#### Design requirements

Selection of the correct grade of material and appropriate surface coating is imperative to ensure gutter performs satisfactorily in the environment it is to be installed in and to meet the requirements of the NZBC.

Refer to COLORCOTE and COLORSTEEL using all the latest coating technology to AS/NZS 2728 depending on the durability required for the environment.

[Contact Roofing Industries](#) for environmental categories and surface coating literature. Zinalume, Aluminium-Zinc-Magnesium and Galvanised steel and is available in a full range of COLORCOTE and COLORSTEEL pre-painted finishes.



masterspec partner

#### Company Contact Details



Company: Roofing Industries  
Physical Address: 5 John Glenn Avenue, North Harbour, AUCKLAND  
Postal Address: PO Box 302385, North Harbour, AUCKLAND  
Telephone: 64 09 4144585  
Fax: 64 09 4144586  
Email: [office@roof.co.nz](mailto:office@roof.co.nz)  
Website: [www.roof.co.nz](http://www.roof.co.nz)

# ROOFING INDUSTRIES EZI-FLO™ Rainwater Systems



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## Installation requirements

For full Installation requirements refer to:

- [MRM - COP](#)
- NZBC [Acceptable Solutions](#)
- [RANZ](#)

Materials in contact with Roofing Industries EZI-FLO™ Gutter must be compatible as specified in E2/AS1 Table 21.

## Maintenance requirements

Regular maintenance will extend the life of Roofing Industries EZI-FLO™ Gutter and associated accessories.

- Maintenance guides are available from Roofing Industries or can be downloaded from either NZ Steel ([COLORSTEEL](#)) or Pacific Coilcoaters ([COLORCOTE](#)) website. Guide to regular maintenance.
- Inspect the roof, including fasteners, and repair any damage every 6 months.
- Wash areas not receiving regular rain washing with fresh water at least every 3 – 6 months.
- Remove debris from gutters every 3 - 6 months.
- Remove any noticeable build-up of salt deposits and/or other contaminants when identified.
- Please consult with your local distributor when considering over painting to ensure correct procedures are followed

## Warrantees

WARRANTEES

- [COLORCOTE Warranty](#)
- [COLORSTEEL Warranty](#)

## Company Product Information

### Environmental

COLORCOTE and COLORSTEEL pre-painted steel has been extensively tested and proven in some of New Zealand's most extreme UV, wind, rain, snow and ice environments.

All COLORCOTE and COLORSTEEL is factory painted at either NZ Steel, Glenbrook or Pacific Coilcoaters, Penrose.

Both plants operate within strict environmental controls.

Environmental category literature available by request or the [roof.co.nz](#) website or by contacting Roofing Industries technical helpline 0800 844 822

Roofing Industries recently completed and achieved [GreenTagCert™ GreenRate Level A certification](#) for our roll-Formed Metal Roofing, Cladding, Flashing and Rainwater Systems using COLORCOTE.

### Relationships



New Zealand Made



Environmental Choice New Zealand



Member of New Zealand Green Building Council

## Building Product Information Requirements

### Manufacturer

*Legal Trading Name:*  
Roofing Industries

*Business Email:*  
office@roof.co.nz

*Company Website:*  
[www.roof.co.nz](#)

*Contact Number/s:*  
+64 09-4144585  
0800 844822

### Product Identifier

ROOFING INDUSTRIES EZI-FLO™ GUTTER SYSTEMS

### Warnings

This product has no warnings associated with it.



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