CLASS 1

Building Product Information Sheet

Product Name:

Galvanised Steel Horizontal Z Flashing

Product Descriptions and its intended use:

Galvanised Steel Horizontal Z Flashings are designed for use with sheet claddings. Horizontal Z flashings are used to stop water ingress at the horizontal joins in sheet claddings

Key technical specifications

* Material : Hot dipped galvanised steel
* Thickness : 0.55 mm

Product identifier(s):

40132,40142,40152,40157,40162,40167

Place of Manufacture: ☒ Aotearoa New Zealand ☐ Overseas

Legal and trading name of manufacturer(s)

Sigma Sheetmetal Products Ltd

Address for service:

STREET NAME:	24 Princes Street	SUBURB:	Onehunga
CITY, COUNTRY:	Auckland, New Zealand	POSTCODE:	1061

Website:	http://www.sigmasheet.co.nz
Email Address:	Sales@sigmasheet.co.nz
Phone no.:	09 636 3657
NZBN:	9429038071027

Relevant Building Code clauses:

- B2 Durability: Performance clauses B2.3.1(a) (ii) & (iii)
- E2 External Moisture: Performance clause E2.3.2

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

B2.3.1 (a) (ii) & (iii). Galvanised Steel Horizontal Z Flashings have a durability of at least 50 years where the flashings are installed and maintained correctly. Refer to the design and installation requirements for further information.

E2.3.2 Galvanised Steel Horizontal Z Flashings will prevent water ingress at the joins in sheet cladding by use of hems or upturns.

- options for compliance set out in section 19 of the Act (regulations, acceptable solution, verification method)
- standard or technical document that describes the performance of the building product or the relevant specifications to which the building product was manufactured
- physical properties of the building product
- how the building product is intended to be used

Limitations on the use of the building product:

Refer to Tables 20, 21 & 22 in E2/AS1 for materials that galvanised steel is suitable to be in contact with and have water run off.

Not suitable for Zone D - sea-spray zone. Refer to Section 4 of NZS 3604 : 2011 for definition of sea-spray zones.

Design requirements that would support the use of the building product:

Horizontal Z flashing horizontal width will need to match the thickness of the cladding sheet material it is being used with.

Refer to E2/AS1 Section 4.6 table 7 : Inter-storey junctions for flashing dimension requirements

Installation requirements:

Refer to E2/AS Section 9 Figure 121 for recommended installation procedure.

Clean the flashing with warm soapy water to remove any residue oils used during the manufacturing process, rinse off the cleaning agent with water and allow to dry.

Use an appropriate chemical metal etch primer to paint all surfaces prior to installation

Use galvanised nails to secure the flashing but avoid nailing through the flashing

Apply two coats of top coats on the exposed surfaces

Maintenance requirements

Manual washing is required to prevent the accumulation of dirt, debris or other material not removed by rain. Walls should be washed:

- every 6 months in severe environments; and
- every 12 months in moderate environments.

Areas that do not receive adequate or any rain washing such as soffits, wall cladding under eaves, the underside of gutters, fascias, sheltered areas of garage doors, and unwashed roof areas: should be washed:

- every 3 months for severe environments; and
- every 6 months for moderate environments.

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

☐Yes ☒No

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

Date: 15/11/2023