CLASS 1

Building Product Information Sheet

Product Name:

Galvanised Steel Valley Flashing

Product Descriptions and its intended use:

Galvanised Steel Valley Flashings are designed for use with various roof materials. Galvanised Steel Valley Flashings used as a gutter running down the valley formed by the intersection of two pitched roof surfaces.

Key technical specifications

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

Product identifier(s):

40700,40730,40760

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(b) (i) & (ii)
- E2 External Moisture: Performance clause E2.3.2

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

B2.3.1 (b) (i) & (ii). Galvanised Steel Valley Flashings have a durability of at least 15 years where the flashings are installed and maintained correctly. Refer to the design and installation requirements for further information.

E2.3.2 Galvanised Steel Valley Flashings will prevent water ingress at the apex of two roof slopes.

• 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:

Refer to E2/AS1 Section 8.1 table 8 for flashing dimension requirements

Select the valley profile to match the roofing profile and material

Installation requirements:

Refer to E2/AS Section 8.4 Figure 51 for recommended installation procedure for Valley flashings

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 installing the flashing

Use galvanised roofing fixings to secure the flashing but avoid nailing through the flashing

Apply two coats of top coat after installing the flashings.

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