MASONS RIDGE VENT

PRODUCT DATA SHEET

(MRV1200X300X20)

MASONS
Designed Smart, Built Tough.

V1.0 May 2025

1. Product description

MASONS Ridge Vents are made of tough non-absorbent polypropylene and are used to form a cavity allowing the free flow of air and moisture, assisting with effective ventilation of a roof space. The cellular construction is nonconductive, capillary action resistant and dimensionally stable and assists with reducing thermal bridging. They are robust with a high compressive strength so are effective packers.

MASONS Ridge Vents can be cut in half to accommodate a mono pitch ridge or barge vent and are suitable for long run metal roofs with a maximum trough depth of 34mm. MASONS Ridge Vents blend seamlessly with the roof's design and function by allowing air to naturally rise and exit through the top of the roof ensuring continuous airflow.

MASONS Ridge Vents feature a flexible, adhesive aluminium flashing that conforms to most cladding profiles, effectively preventing water ingress on roofs of any pitch.

2. Specifications

PROPERTY	SPECIFICATION
Material	UV-stabilised polypropylene
Length	1200 mm
Cross-Section Profile	300mm x 20mm
Open Vent Area	6500 mm^2 each side of ridge vent = 13000mm^2/lm
Open Vent Area to 1/2 Ridge Vent	6500 mm^2

3. Building Regulations, New Zealand Building Code (NZBC)

When designed, installed, and maintained in accordance with the guidelines outlined in this Design and Installation Guide, MASONS Ridge Vents will meet or contribute to meeting the following clauses of the New Zealand Building Code (NZBC):

- **B1 STRUCTURE:** Performance B1.3.1, B1.3.2 and B1.3.4.
- **B2 DURABILITY:** Performance B2.3.1 (b) 15 years and B2.3.2.
- **E2 EXTERNAL MOISTURE:** Performance E2.3.2.
- **E3 INTERNAL MOISTURE:** Functional Requirement E3.2 (c).
- **F2 HAZARDOUS BUILDING:** Performance F2.3.1.

4. Scope of use:

- Suitable for Skillion or Trussed roofs in accordance with MRM COP and BRANZ guidelines
- Can be installed in wind zones up to and including Extra High - NZS3604
- Compatible with corrugated or trapezoidal roofs with a maximum trough depth of 34mm
- Ideal for both new builds and renovation projects
- Use as part of the MASONS Passive Roof Ventilation System or as a stand alone ventilation component

5. Installation

Refer Installation & Design Guide

6. Storage

The handling and storage of MASONS Ridge Vents, both on-site and off-site, is the responsibility of the building contractor. Protect product from direct sunlight and physical damage, store flat, in a dry location, and under cover.

Warranty:

15 years when installed strictly to manufacturers instructions

Maintenance:

N/A

18a David McCathie Place, Silverdale, Auckland 0932, New Zealand 0800 522 533. info@mpb.co.nz. www.mpb.co.nz

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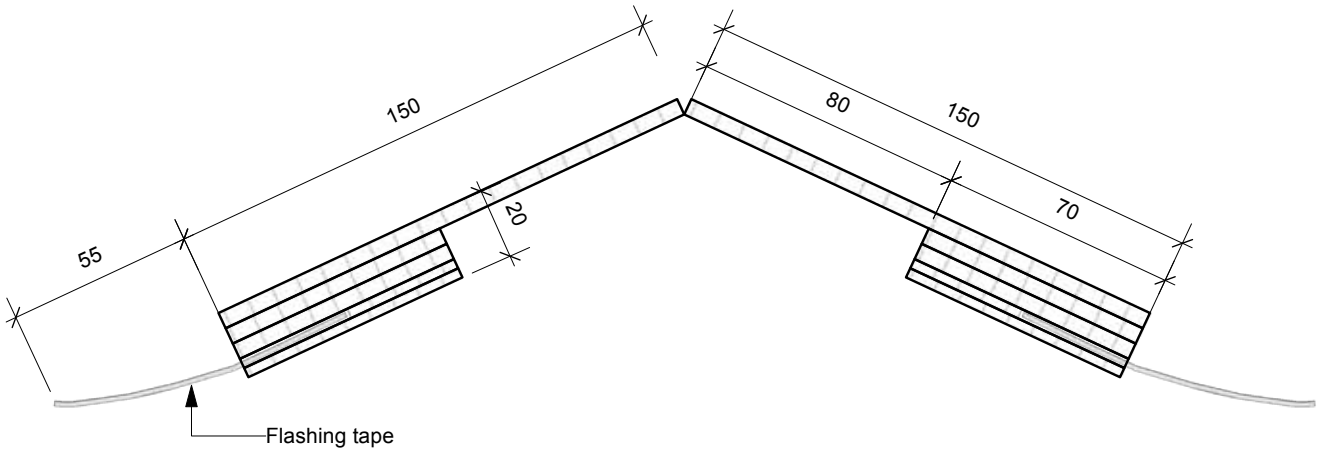
Masons Ridge Vent
MRV1200x300x20

Scale: 1:2. 1:10

Date: 14/04/25

Drawing No.

Fig 1.02



End Profile
Scale: 1:2

3D Profile
Scale:

Masons Ridge Vent can be installed in wind zones up to and including Extra High NZS3604

*Product comes flat packed in 1.2m lengths and is folded to suit required roof pitch

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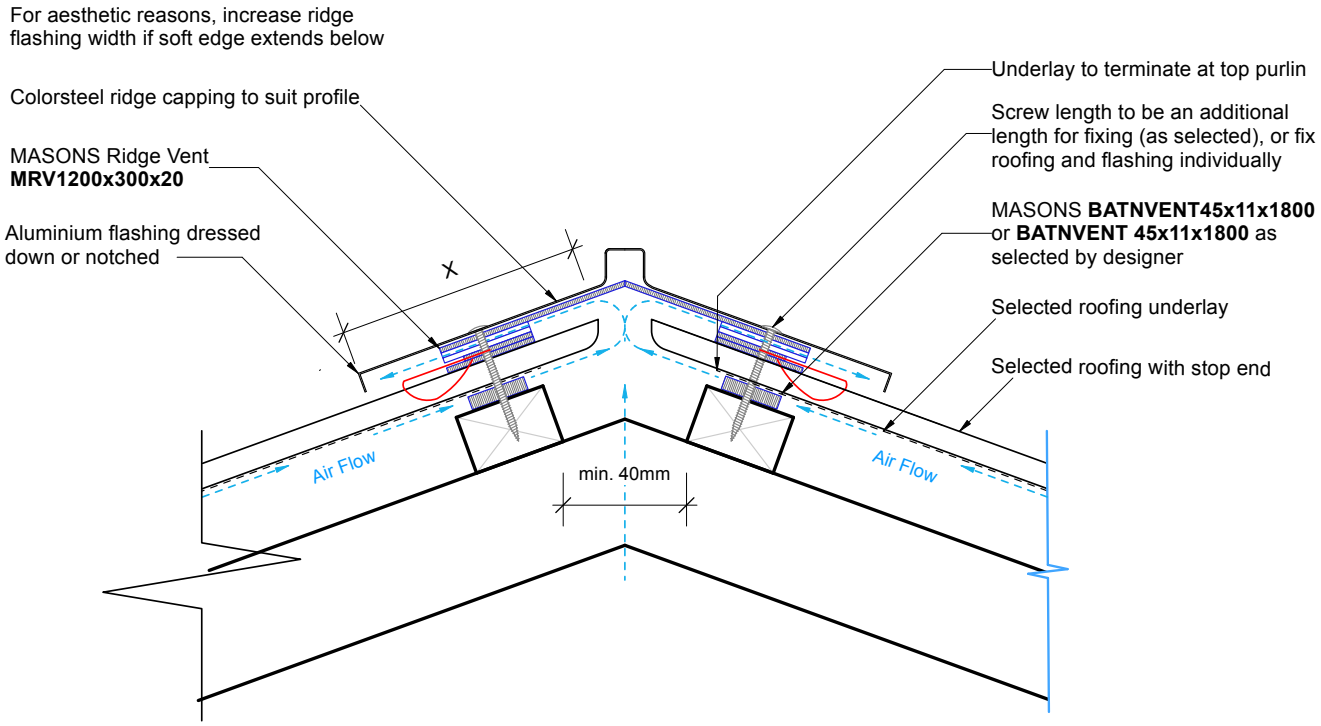
Masons Ridge Vent
Trussed Roof - Steel Longrun

Scale: 1:5

Date: 14/04/25

Drawing No.

Fig.1.03



Masons Key Components: MRV1200x300x20, BATNVENT 45x11x1800, BFFL.5X650X6

For minimum values of 'X' refer to Table 7 E2/AS1. Recommend a minimum of 200mm to conceal flashing tape.
The main contractor is responsible for ensuring the proper placement of purlins at ridge and eave
The ridge cap should be supplied by the roof cladding supplier. A 200mm ridge cap is recommended to conceal the soft edge flashing, if needed.
Compatible for trough depths up to 34mm

This is a recommended method for roof ventilation; however, the overall design and dimensions are the responsibility of the designer to ensure compliance with the NZ Building Code, NZ Metal Roofing Code of Practice & E2/AS1

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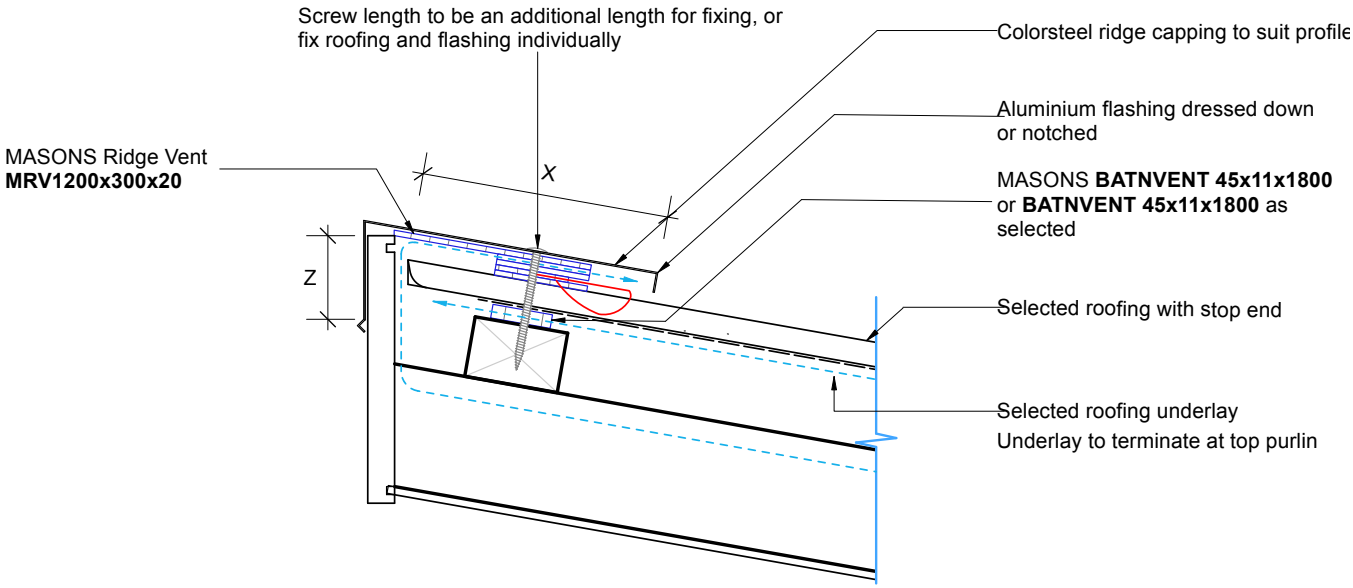
Trussed Roof - Steel Longrun

Scale: 1:5

Date: 14/04/25

Drawing No.

Fig.1.04



Masons Key Components: MRV1200x300x20, BATNVENT 45x18x1800, BATNVENT 45x11x1800

For minimum values of 'X' & 'Z' refer to Table 7 E2/AS1. Recommend a minimum of 200mm for 'X' to conceal flashing tape (or more if required)
The main contractor is responsible for ensuring the proper placement of purlins for fixing of the ridge vent.
The ridge cap should be supplied by the roof cladding supplier. A 200mm ridge cap is recommended to conceal the soft edge flashing, if needed.

This is a recommended method for roof ventilation; however, the overall design and dimensions are the responsibility of the designer to ensure compliance with the NZ Building Code, NZ Metal Roofing Code of Practice & E2/AS1