

MASONS PASSIVE ROOF VENTILATION SYSTEM

BUILDING PRODUCT INFORMATION SHEET



MASONS
Designed Smart, Built Tough.

V1.0 May 2025

PRODUCT NAME

Passive Roof Ventilation System

PRODUCT LINE

Roof ventilation

PRODUCT DESCRIPTION AND ITS INTENDED USE:

1. Roof Vents: Are typically installed at the ridge (highest point) or eaves (lowest point) of the roof. The **MASONS RIDGE VENT** is a crucial element of the system, allowing warm, moist air to escape from the roof void. Ridge vents allow hot air to rise and exit through the top of the roof, while eave vents provide an intake of cooler air from below. These ridge vents can be cut in half to accommodate a mono pitch ridge / barge vent. **MASONS VENTILATED ROOF BATTENS** are used to form the eave vent in conjunction with an eave flashing sized to suit the roof pitch and the required gap for air flow. Eave flashing to be supplied by roofer. Together, these vents create a natural airflow that helps regulate temperature and humidity, reducing the risk of condensation and heat buildup in the roof space.

2. Ventilated Roof Battens: **MASONS VENTILATED ROOF BATTENS** are specially designed battens that allow air to circulate beneath the roof cladding. These battens create a gap between the insulation layer and the roof cladding, facilitating airflow. This ventilation gap helps prevent moisture buildup in the roof structure, which can lead to mould growth, timber rot, or damage to the roof covering. The ventilated battens promote consistent airflow, helping to keep the roof space dry.

3. Insulation Spacer: **MASONS INSUL-BAFFLE** spacers are used to maintain an air gap between the insulation material and the roof cladding. These spacers are typically placed on top of the insulation to ensure there is adequate airflow between the insulation and the roof structure at the low point of the roof space. The spacer ensures that the insulation doesn't protrude into the required roof space, allowing the ventilation system to work efficiently.

How It Works Together: In a well-designed ventilated roof system, the roof vents create an intake and outlet for air, while the ventilated battens allow this air to flow freely under the roof cladding. The insulation spacers keep the insulation in the right position while maintaining the required airflow. This system works together to regulate the temperature in the roof space, prevent condensation, and ensure the roof's integrity by reducing the risk of moisture-related damage.

PRODUCT IDENTIFIERS

Masons Ridge Vent	MRV1200x300x20
Masons 11mm Ventilated Roof Battens	BATNVENT 45X11X1800
Masons 18mm Ventilated Roof Battens	BATNVENT 45X18X1800
Masons Insul-Baffle	BAFFL.5X650X6

PLACE OF MANUFACTURE

China

MANUFACTURER: Legal And Trading Name

Masons NZ Ltd



IMPORTER: Legal And Trading Name

Company	Masons NZ Ltd
Address	18A David McCathie Place, Silverdale, Auckland
Phone number	0800 522 533
Email Address	info@mpb.co.nz
Website	mpb.co.nz
NZBN	9429031171090

STATEMENT ON HOW THE PRODUCT IS EXPECTED TO CONTRIBUTE TO COMPLIANCE

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

B1 Structure, B2 Durability, E2 External Moisture, E3 Internal Moisture, F2 Hazardous Building Materials

LIMITATIONS ON THE USE OF THE SYSTEM

- Install roof cover within 21 days of installing the Passive Roof Ventilation System
 - Can be installed in wind zones up to and including Extra High - NZS3604
 - For use on skillion and trussed roofs in accordance with MRM COP and BRANZ guidelines
 - Compatible with corrugated or trapezoidal roofs and will suit most profiles
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COMPLIANCE

Masons Passive Roof Ventilation System has been reviewed for its performance. The relevant opinions may be requested and a Product Assurance Supplier Statement is available.

INSTALLATION REQUIREMENTS

Refer to the installation instructions that can be found on the Masons website.

MAINTENANCE REQUIREMENTS

None.

IS THE BUILDING PRODUCT/BUILDING PRODUCT LINE SUBJECT TO WARNING OR BAN UNDER SECTION 26 OF THE NEW ZEALAND BUILDING CODE?

No
