pass™ PRODUCT ASSURANCE SUPPLIER STATEMENT
pass™ no: 19325 | Expires: 06/2026

MASONS
Designed Smart, Built Tough.

MASONS PASSIVE ROOF VENTILATION SYSTEM

PURPOSE

Masons Passive Roof Ventilation System is a set of components for use in long-run metal roof spaces. The system supports proper airflow by providing intake and outlet ventilation to help regulate temperature and moisture levels by reducing or removing the effects of condensation. The system comprises:

- Masons Ridge Vents
- Masons Ventilated Roof Battens
- Masons Insul-Baffle.

Masons Ridge Vents create an intake and outlet for air, while the Ventilated Roof Battens enable airflow beneath the wall cladding. Insul-Baffle creates a clearance between the insulation and underlay at the wall-to-eave junction, ensuring the airflow isn't obstructed.

For further assistance please contact:

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EXPLANATION

Masons Ridge Vents are made from non-absorbent, extruded polypropylene. Their cellular construction is non-conductive, resistant to capillary action and dimensionally stable, helping to reduce thermal bridging. Each vent includes flexible, adhesive aluminium flashing strips on each side. The product is available in 300 mm x 20 mm (cross-section) x 1200 mm lengths. Mason Ridge Vents are suitable for use at the ridge of long-run metal skillion roofs with trough depths of up to 34 mm. For trussed roofs, the vents can be cut in half to accommodate monopitch ridge or barge applications.

Masons Ventilated Roof Battens are made of non-absorbent, extruded polypropylene. Their cellular construction is non-conductive, resistant to capillary action and dimensionally stable, helping to reduce thermal bridging. Each batten has a self-adhesive strip for easy placement before nailing. Available sizes: 45 mm x 18 mm x 1800 mm (box of 25) and 45 mm x 11 mm x 1800 mm (box of 50).

Masons Insul-Baffle is made from a semi-rigid clear thermoplastic polymer, PVC (Polyvinyl Chloride), with a dragon channel profile.

PVC offers high strength, good abrasion and heat resistance, low creep at elevated temperatures and excellent dimensional stability. Masons Insul-Baffle is supplied in a 6 m-long roll. It is 45 mm high x 650 mm wide.

SCOPE AND LIMITATIONS OF USE

Scope	Limitations
Location	
In all wind zones up to and including Extra High as defined in NZS 3604:2011.	
In all exposure zones as defined in NZS 3604:2011.	
At least 1 m from a relevant or notional boundary.	
Building	
In conjunction with a primary structure that complies with the NZ Building Code or existing buildings where the designer and/or installer have satisfied themselves that the existing building is suitable for the intended building work.	
With timber or lightweight steel roof trusses or rafters.	
With trapezoidal or corrugated long-run metal roof cladding with a maximum trough depth of 34 mm.	
As a passive roof ventilation system.	› The system must be designed and installed in accordance with Masons' guidance for the Masons Passive Roof Ventilation System and the component products (refer to pass™ 19307, 19316 and 19324). › It is recommended that the system is covered within 21 days from installation. Where exposure longer than 21 days is required, contact Masons for technical advice.

USEFUL INFORMATION

For design, installation and maintenance information, refer to **mpb.co.nz**.

PERFORMANCE CLAIMS

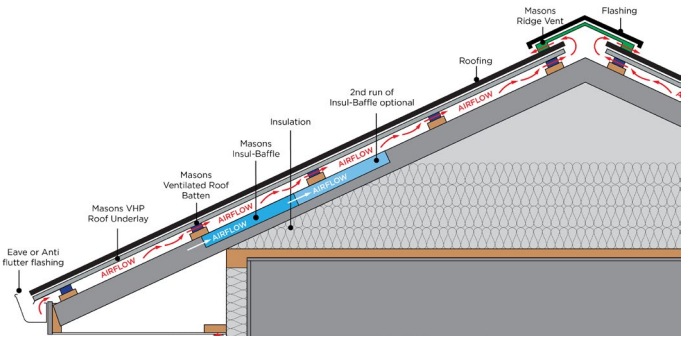
If designed, installed and maintained in accordance with all Masons NZ Ltd requirements, Masons Passive Roof Ventilation System will comply with or contribute to compliance with the following performance claims:

NZ Building Code clauses	Compliance statement	BASIS OF COMPLIANCE Demonstrated by
B2 Durability B2.3.1 (a), B	ALTERNATIVE SOLUTION	› Typical physical and mechanical properties of polypropylene exceed those of E2/AS1-specified materials such as uPVC. Masons battens and vents have high compressive strength, are non-absorbent, and resistant to rot, mildew and water permeability [Masons, 11/2024; 05/2025]. › Masons Insul-Baffle is made from PVC (Polyvinyl Chloride), a thermoplastic polymer that is highly resistant to impact, heat, moisture and solvents [Masons, 02/2025].
F2 Hazardous building materials F2.3.1	ALTERNATIVE SOLUTION	› Supplied material is inert. › Use in accordance with the supplier's safety instructions.
H1 Energy efficiency H1.3.1 (a), H1.3.2E, H1.3.3	ACCEPTABLE SOLUTION H1/AS1 ALTERNATIVE SOLUTION	› Installation of Masons Insul-Baffle in the roof space maintains a 25 mm air gap between the roof underlay and bulk thermal insulation in accordance with NZS 4246:2016, contributing to H1 compliance. › Contributes to compliance as the system reduces the likelihood of condensation in the roof cavity.

Other performance statements	BASIS OF STATEMENT Basis of statement	Demonstrated by
As a passive roof ventilation system.	Installing the Masons Passive Roof Ventilation System supports passive roof space ventilation, helping to reduce condensation, minimise thermal bridging and improve temperature regulation.	› Masons Passive Roof Ventilation System details and BRANZ advice about roof space ventilation [Masons, 04/2025; BRANZ, 11/2018].

SOURCES OF INFORMATION

› Masons. [04/2025] Masons Passive Roof Ventilation System Design and Installation Guide. V1.0.
› BRANZ. [11/2018] Roof space ventilation in New Zealand houses.
› Masons. [05/2025] Masons Ventilated Ridge Vent Product Data Sheet. V1.0.
› Masons. [02/2025 Masons Insul-Baffle Data Sheet. V1.1.
› Masons. [11/2024] Masons Ventilated Roof Battens Technical Data Sheet.



1. Where a standard is referenced it is to be read as amended by the acceptable solution or verification method as applicable. 2. Sources of information also include the Building Act 2004 and its regulations, including the Building Code (Schedule 1 of the Building Regulations 1992), Acceptable Solutions and Verification Methods, and relevant cited standards. 3. The product is not subject to a warning or ban under section 26 of the Building Act. 4. For overseas manufacturer details, where applicable, refer to the company that is the holder of this pass™. 5. The quality and assurance that the supplied products meet the performance claims stated in this pass™ are the responsibility of the company that is the holder of this pass™. 6. The availability of the information about the supplied products required to be disclosed under s14G(3) is the responsibility of the company that is the holder of this pass™.

SCAN OR CLICK THIS QR CODE TO ACCESS OR REQUEST THE RELEVANT SUPPORTING DOCUMENTATION FOR THIS PASS™.
mpb.co.nz

Mason NZ Ltd confirms that if Masons Passive Roof Ventilation System is used in accordance with the requirements of this pass™ the product will comply with the NZ Building Code and other performance claims set out in this pass™ and the company has met all of its obligations under s14G(2) of the Building Act.

Date of first issue:	26/06/2025
Date of current issue:	26/06/2025
NZBN:	9429051703653

Kevin Brunton

Kevin Brunton, Technical Director, TBB confirms that the process used to prepare this pass™ on behalf of Mason NZ Ltd has been undertaken in accordance with MBIE PTS guidelines and in accordance with the TBB pass™ process which is within the scope of TBB's ISO 9001 certification.

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