

MASONS VENTILATED ROOF BATTENS

PURPOSE

Masons Ventilated Roof Battens are designed to create a cavity between the roofing underlay, roof cladding and the roof framing providing effective moisture and ventilation control in roof cavities.

EXPLANATION

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.

The battens have a self-adhesive strip for placement before nailing off.

The battens are available in two sizes: 45 mm x 18 mm x 1800 mm, sold as a Box of 25 battens and 45 mm x 11 mm x 1800 mm, sold as a box of 50 battens.



For further assistance please contact:

-  0800 522 533
-  info@mpb.co.nz
-  mpb.co.nz

SCOPE AND LIMITATIONS OF USE

Scope	Limitations
<p>Location</p> <p>In all exposure zones as defined in NZS 3604:2011.</p> <p>At least 1 m from a relevant or notional boundary.</p>	
<p>Building</p> <p>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.</p> <p>With timber or lightweight steel roof trusses or rafters.</p> <p>With long run metal or metal tile roof cladding or under plywood layers and shingle cladding.</p> <p>As battens to create a cavity for roof ventilation or as part of the Masons Passive Roof Ventilation System (refer to pass™ 19325).</p>	<ul style="list-style-type: none"> ➤ A low gloss paint or light colour surface coating to AS/NZS 2728:2013 is recommended for metal cladding. ➤ The specification of the Masons Ventilated Roof Battens for use in passive ventilated roof space designs must be guided by Masons' design advice. ➤ With synthetic or bitumen impregnated kraft paper underlay. ➤ It is recommended that Masons Ventilated Roof Battens are covered within 21 days from installation. Where exposure longer than 21 days is required, contact Masons for technical advice. ➤ Masons Ventilated Roof Battens should not be used in roofs where the battens may be exposed to hydrocarbons at elevated temperatures.



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 Ventilated Roof Battens 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 (b)	ALTERNATIVE SOLUTION	<ul style="list-style-type: none"> Typical physical and mechanical properties of polypropylene for Masons Ventilated Roof Battens exceed E2/AS1 materials such as uPVC; battens have high compressive strength, are non-absorbent, resistant to rot, mildew and water permeability [Masons, 11/2024a]. Tested to GB/T 1043.1:2008 for charpy unnotched impact strength, achieves higher value than typical value for uPVC, confirming adequate toughness/resistance to deformation [Masons, 11/2024a].
F2 Hazardous Building Materials F2.3.1	ALTERNATIVE SOLUTION	<ul style="list-style-type: none"> Supplied material is inert. Use in accordance with the supplier's safety instructions.
H1 Energy efficiency H1.3.3	ALTERNATIVE SOLUTION	<ul style="list-style-type: none"> Contributes to compliance as the use of Masons Ventilated Roof Battens reduces the likelihood of condensation in the roof cavity.

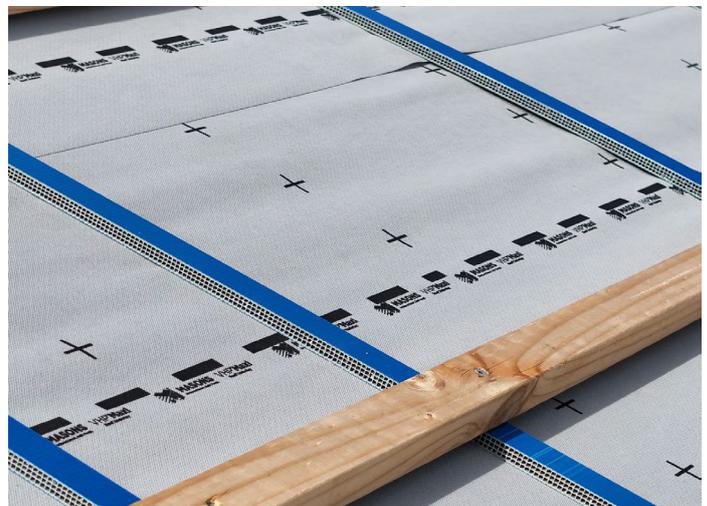
Other performance statement	Performance statement	BASIS OF STATEMENT Demonstrated by
	Installing Masons Ventilated Roof Battens supports passive roof space ventilation, helping to reduce condensation, minimise thermal bridging and improve temperature regulation.	Masons Ventilated Roof Battens installation details and BRANZ advice about roof space ventilation [Masons, 11/2024b; BRANZ, 11/2018].

SOURCES OF INFORMATION

- BRANZ. [11/2018] *Roof space ventilation in New Zealand houses.*
- Masons. [11/2024a] *Masons Ventilated Roof Battens Technical Data Sheet.*
- Masons. [11/2024b] *Masons Ventilated Roof Battens Design and Installation Guide.*

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

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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™.

Mason NZ Ltd confirms that if Masons Ventilated Roof Battens are 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: 21/01/2025

Date of current issue: 23/06/2025

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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