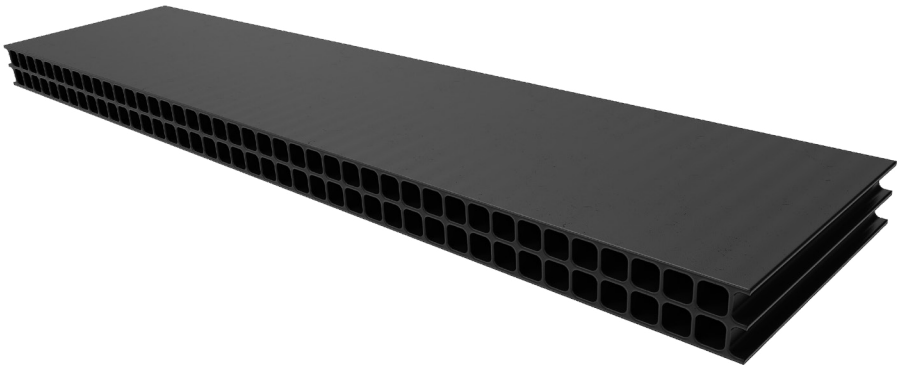
VENT VENTILATION & DRAINAGE BATTEN 10mm
VB10

DESCRIPTION

The VENT VB10 is a polypropylene Ventilation and Drainage Batten designed to facilitate passive airflow and cavity drainage between the roofing underlay or membrane and the roof cladding. The VENT VB10 prevents the transfer of dew point from the underside of the roof cladding to the underside of the roof underlay or membrane.

FEATURES

- Convenient peel-off adhesive backing reduces the need for nails or glue.
- Adheres to timber, metal and building wraps.
- Insect proof - 4mm vents prevent ingress of nesting insects.
- Provides passive airflow of 8,000mm^2 per linear metre.
- Easy to install - manufactured in 1800mm lengths for easy handling.
- Strong and durable - when used as a vented batten on top of roofing battens, the VENT VB10 has been upgraded in strength and tested to exceed foot traffic weight requirements on the roof above.



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VENT PASSIVE VENTILATION

BRANZ Appraised
Appraisal No. 979 [2023]

VENT VENTILATION & DRAINAGE BATTEN
VB10 10mm

BUILDING REGULATIONS, NEW ZEALAND BUILDING CODE (NZBC)

VENT Ventilation & Drainage Batten 10mm, if designed, used, installed and maintained in accordance with the statements and conditions of this Product Data Sheet, will meet or contribute to meeting the following provisions of the NZBC:

- Clause B1 STRUCTURE: Performance B1.3.1, B1.3.2 and B1.3.4. VENT Ventilation & Drainage Batten 10mm meets the requirements for loads arising from gravity loads, wind and impact [i.e B1.3.3 (b), (h) and (j)]
- Clause B2 DURABILITY: Performance B2.3.1 (b) 15 years and B2.3.2. VENT Ventilation & Drainage Batten 10mm meets these requirements
- Clause E2 EXTERNAL MOISTURE: Performance E2.3.2. VENT Ventilation & Drainage Batten 10mm contribute to meeting this requirement.
- Clause E3 INTERNAL MOISTURE: Functional Requirements E3.2 (c). VENT Ventilation & Drainage Batten 10mm contribute to meeting this requirement.
- Clause F2 HAZARDOUS BUILDING: Performance F2.3.1. VENT Ventilation & Drainage Batten 10mm meets this requirement.

APPRAISALS

BRANZ Appraisal No. 979

SCOPE OF USE

The VENT Ventilation & Drainage Batten 10mm VB10, has been BRANZ Appraised for use as non-structural roof battens and vents for use with truss and skillion roof construction on buildings within the following scope:

- The scope limitations of NZBC Acceptable Solution E2/AS1, Paragraph 1.1 with the regards to building height and floor plan area; and,
- With profiled metal roof cladding; and, situated in NZS 3604 Wind Zones up to, and including, Extra High.
- Suitable for both timber and steel framing.
- Highly recommend for roofs with cladding profiles with a large area of surface contact with roofing underlays i.e trapezoidal or deep trough profiles.
- Can be used in commercial and residential construction.
- Can be used individually or as part of proprietary ventilation system.
- Building designers are responsible for incorporation of Roof Ventilation Products into their design for weathertightness and detailing of junctions.

WARRANTY

15 years

MAINTENANCE

No maintenance requirements

STORAGE

Handling and storage of VENT Roof Ventilation Products, whether on-site or off-site, is under the control of the building contractor. Roof Ventilation Products must be protected from direct sunlight and physical damage, and should be stored flat and under cover.

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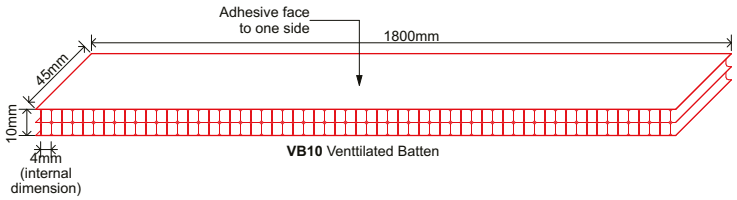
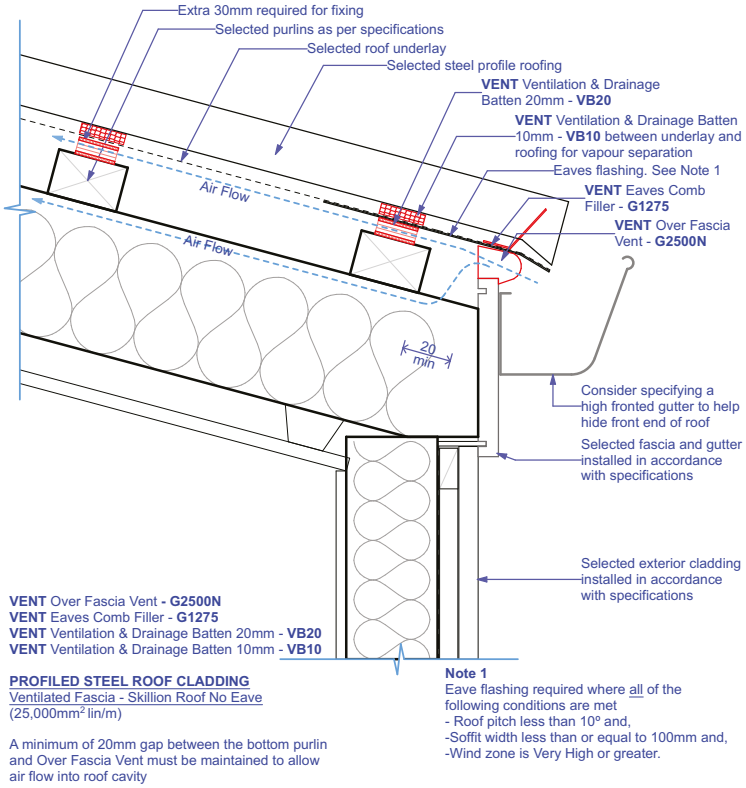
INSTALLATION

1. Peel-off adhesive backing for temporary fixing.
2. When applying the VB10, surfaces should be free of moisture and dust.
3. Nails or screws can be used to provide additional temporary support to hold the VB10 in place.
4. The temporary fixing is designed to hold the VB10 in position for a limited period. In unfavourable conditions, additional fixings will be required.
5. Cladding fixings must be fixed through the VENT VB10 into the purlins. NB: The VB10 should be treated as non-structural cavity batten.
6. Roof cladding fixings must conform to manufacturer's specifications.
7. The VENT Ventilation & Drainage Batten 10mm should not be exposed to direct sunlight for more than 30 days.

SPECIFICATIONS

DIMENSIONS	1800mm L x 45mm W x 10mm H
COLOUR	Black
BOX QUANTITY	50 x 1800mm (90LM)
MATERIAL	Polypropylene





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