30 YEAR WARRANTY – VENT Systems Vented Roof & Wall Cavity Batten

Blue Building Solutions Australia Ltd. t/a VENT Systems warrants that VENT Systems Vented Roof & Wall Cavity Battens supplied by VENT Systems will retain their mechanical function for a period in excess of 30 years**,** under natural conditions, from the date of purchase. Provided the Vented Roof & Wall Cavity Battens are installed in accordance Design & Specification Guides supplied by VENT Systems.

VENT Systems warrants the VENT Systems Vented Roof & Wall Cavity Battens under the following terms & conditions:

a. This warranty is given to consumers as defined in and who have the rights under Australian Consumer Law and should be read with the statutory consumer guarantees contained in that law.
b. This warranty will apply to defects appearing within 30 years from the date of purchase & where notification of defects is received in writing within 28 Days of the defect appearing.
c. Warranties will only be honoured if the VENT System products in question were installed, used and maintained in accordance with VENT System installation guides all of which are available on the VENT Systems website www.ventsystems.com.au
d. Warranties will not apply to damage caused by external physical agents, accidental damage or other Force Majeure.
e. The sole & exclusive remedy with regard to the above warranty is limited to the repair or supply of replacement profiles at VENT Systems discretion

This warranty shall be construed and interpreted in accordance with Australian Law and shall be subject to the jurisdiction of Australian Courts only.

This warranty does not affect the statutory rights of consumers.

CONTROL OF CONDENSATION IN BUILDINGS | JUNE 2020

VENT SYSTEMS VENTILATED CAVITY BATTEN VB20 ROOF

PRODUCT INFORMATION SHEET

DESCRIPTION

The VENT SYSTEMS VB20 is a Polypropylene Ventilated Batten designed to facilitate passive airflow in the roof void, reducing the risk of moisture build up and condensation.

FEATURES

- Convenient peel-off adhesive backing eliminates the need for nails or glue.
- Insect proof - 4mm vents prevent ingress of nesting insects.
- Provides passive airflow of up to 16,000mm² 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 SYSTEMS VB20 has been upgraded in strength and tested to exceed foot traffic weight requirements on the roof above.
- Can be cut down to create 10mm and 15mm cavities if required. *Note: for every 5mm reduction 4,000mm² of airflow is lost.*
- Also suitable for use in the wall cavity.

SCOPE OF USE

- In accordance with BS5250, Suitable for roof pitches of any degree pitch.
- In accordance with NCC 2019 Building Code of Australia, Vol 2, Part 3.8.7.4.b, Suitable for traditional and cathedral roofs of any degree pitch.
- In accordance with Guide for Control of Condensation and Mould in Tasmanian Homes (CBOS vs 2), suitable for traditional and cathedral roofs of any degree pitch.
- To be used in accordance with AS4200.2:2017.
- To be used in accordance with Guide for Control of Condensation and Mould in Tasmanian Homes (CBOS vs 2), suitable for traditional and cathedral roofs of any degree pitch.
- For use as non-structural roof battens.
- Commercial and residential application.
- To be used as part of proprietary ventilation system.

APPRAISALS

- BRANZ appraisal No. 979 [2017].

WARRANTY

- 30 years.

MAINTENANCE

- No maintenance requirements.

INSTALLATION

1. Peel-off adhesive backing for temporary fixing.
2. Can be cut with a knife, cutting tool or hand saw.
3. Cladding fixings must be fixed through the VENT SYSTEMS VB20 into the roof battens. NB: The VB20 should be treated as non-structural timber cavity batten.
4. Roof cladding fixings must conform to manufacturer's specifications.

Fig A: Application on Roof Battens

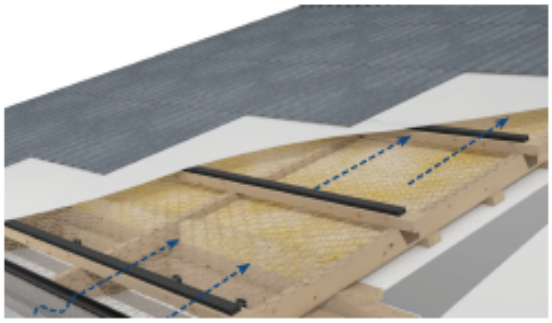
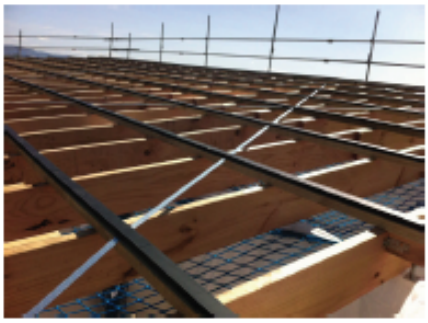


Fig B: Application on Cathedral Roof



BRANZ Appraised

VENT SYSTEMS VENTILATED CAVITY BATTEN VB20 ROOF

Fig C: Renovation Detail - Sarking above the roof batten

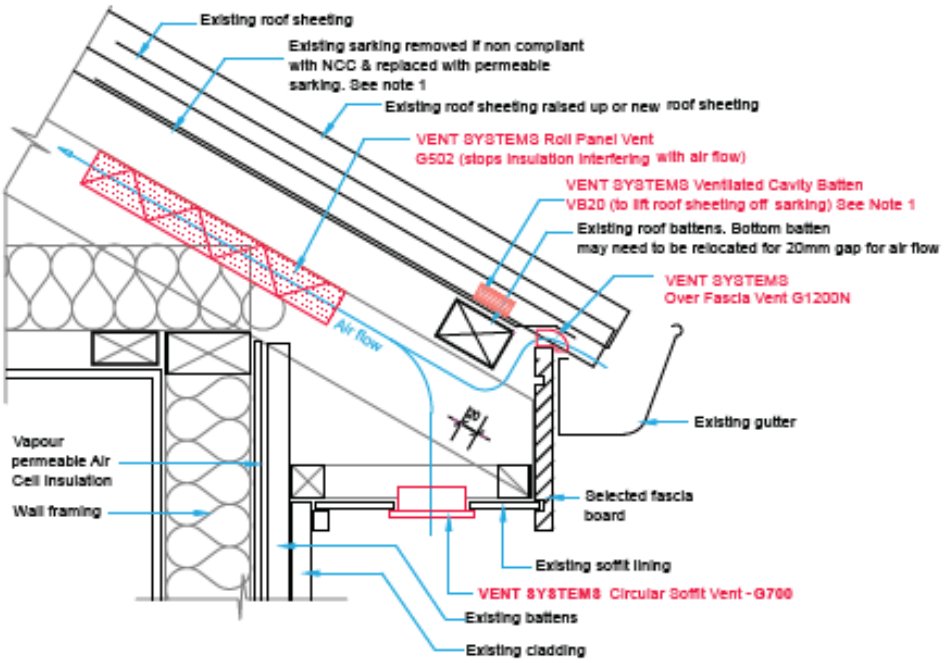
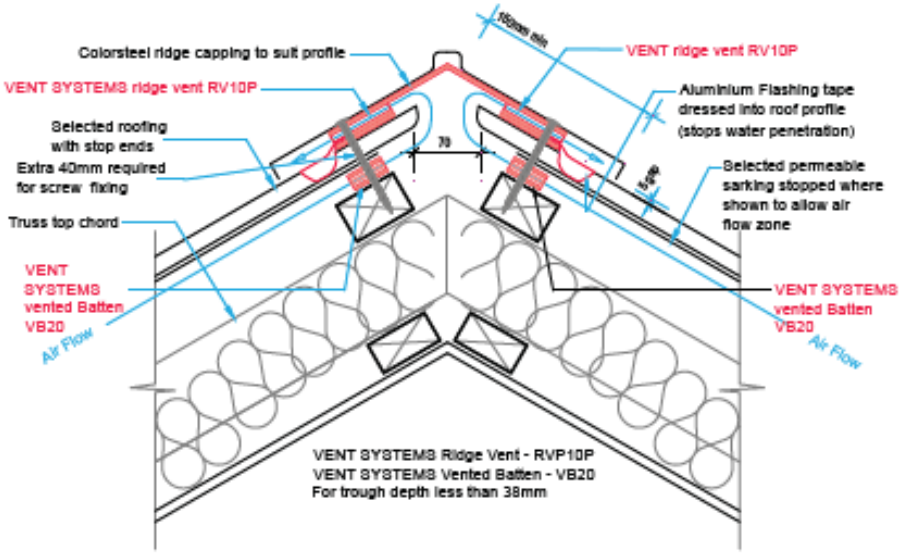


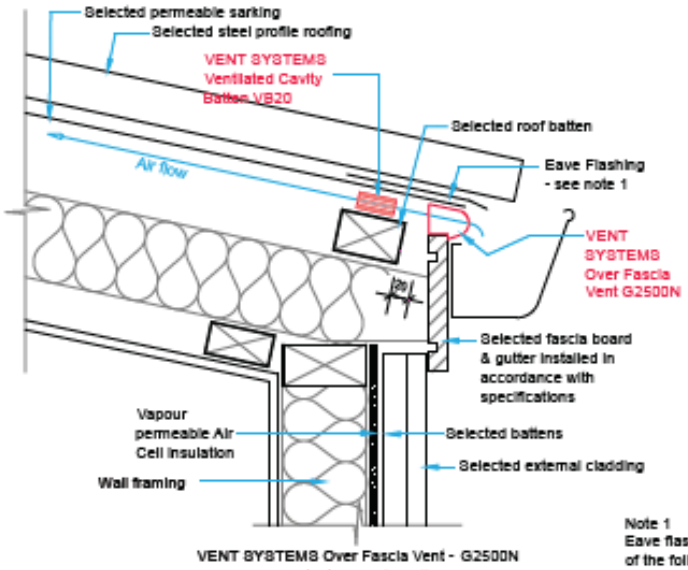
Fig D: Cathedral Roof Detail - Sarking above the roofing batten



BRANZ Appraised
Appraisal No.870 (2017)

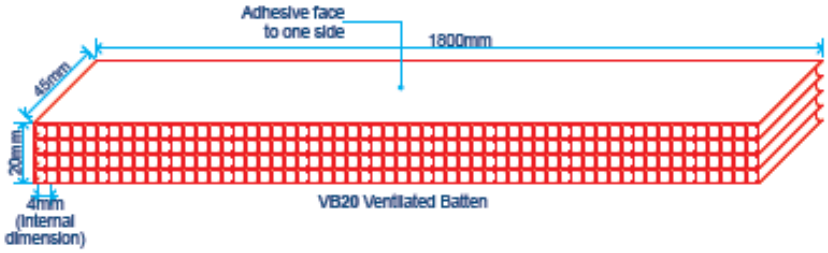
VENT SYSTEMS VENTILATED CAVITY BATTEN VB20 ROOF

Fig E: Cathedral Roof Detail - Sarking above the roof batten



Note 1
Eave flashing required where all of the following conditions are met.
- Roof pitch less than 10°
- Soffit width less than or equal to 100mm
- Wind zone is Very High or greater

Fig F: Dimensions



BRANZ Appraised
Appraisal No.970 (2017)

The company maintains a policy of continuous development of its product range and reserves the right to amend the specification without notice.

NOTE: Diagrams are for guidance purposes only. This is a suggested method of ventilation but the overall design and dimensions are the responsibility of the designer in compliance with the NCC, individual state requirements and AS3959 in bush fire prone areas.

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VENT SYSTEMS VENTILATED CAVITY BATTEN VB20 WALL

PRODUCT INFORMATION SHEET

DESCRIPTION

The VENT SYSTEMS VB20 is a Polypropylene Ventilated Batten designed to create a 20mm cavity for ventilation and drainage in the wall cavity, reducing the risk of moisture build up and condensation.

FEATURES

- Convenient peel-off adhesive backing eliminates 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 up to 16,000mm² per linear metre.
- Easy to install - manufactured in 1800mm lengths for easy handling.
- Ventilated polypropylene structure is strong and robust.
- Perfect design for drainage for occasional ingress of water.
- Also suitable for use in the roof cavity.
- Can be cut down to create 10mm and 15mm cavities if required. *Note: for every 5mm reduction 4,000mm² of airflow is lost.*

SCOPE OF USE

- Commercial and residential application.
- Suitable for use on all roof types.
- Compliant with NZBC Acceptable Solution E2/AS1

Vent Wall Cavity Battens are suitable for use as non-structural cavity battens for use with non-structural wall cladding systems on timber framed buildings within the following scope:

The scope limitations of NZBC Acceptable Solution E2/AS1, Paragraph 1.1; and, with a risk score of 0-20, calculated in accordance with NZBC Acceptable Solution E2/AS1, Table 2; and, with cavity-based wall cladding systems complying with NZBC Acceptable Solution E2/AS1 or a valid BRANZ Appraisal that specifies a nominal 20 mm (minimum 18 mm) drained and vented cavity; and, situated in NZS 3604 Wind Zones up to, and including 'Extra High'.

(Note: Vent Wall Cavity Battens can also be used on buildings subject to specific weathertightness design. Weathertightness design and detailing of these installations is the responsibility of the designer and is outside the scope of this Appraisal. Vent Wall Cavity Battens are not suitable for use where pressure equalized cavities are required.)

Fig A: 3D Render of VENT SYSTEMS VB20 Wall Cavity Battens in use with VENT SYSTEMS Passive Ventilation

BRANZ Appraised

VENT SYSTEMS VENTILATED CAVITY BATTEN VB20 WALL

PRODUCT INFORMATION SHEET

SCOPE OF USE (CONT).

The VENT SYSTEMS VB20 is a Polypropylene batten that is the ideal product to create a 20mm cavity for ventilation and drainage in walls for both residential and commercial buildings, as specified by NZBC Acceptable Solution E2/AS1, Paragraph 9.1.8.2. Due to the design of the VENT SYSTEMS VB20 it can be installed continuously in horizontal or vertical positions. With no temporary fixings required the VENT SYSTEMS VB20 is both effective and efficient.

When installed horizontally and continuously, VENT SYSTEMS Wall Cavity Battens provide vermin proofing to the bottom of the drained cavity. If a durable life of more than 15 years is required, vermin proofing must be installed at the base of the cavity.

When installed vertically or for non-continuous horizontal installations, VENT SYSTEMS Wall Cavity Batten do not provide vermin proofing to the bottom of the drained cavity. A cavity vent strip complying with NZBC Acceptable Solution E2/AS1, Paragraph 9.1.8.3 must be installed as part of the selected cladding system.

Where the VENT SYSTEMS Wall Cavity Batten are installed vertically or horizontally at greater than 450mm centres and a flexible building underlay is used, a building underlay support in accordance with NZBC Acceptable Solution E2/AS1 Paragraph 9.1.8.5 must be installed over the building underlay behind the cavity battens at 300mm centres horizontally to prevent bulging of the building underlay into the drainage cavity.

When installed vertically or for non-continuous horizontal installations, VENT SYSTEMS Wall Cavity Batten do not provide vermin proofing to the bottom of the drained cavity. A cavity vent strip complying with NZBC Acceptable Solution E2/AS1, Paragraph 9.1.8.3 must be installed as part of the selected cladding system.

Where the VENT SYSTEMS Wall Cavity Batten are installed vertically or horizontally at greater than 450mm centres and a flexible building underlay is used, a building underlay support in accordance with NZBC Acceptable Solution E2/AS1 Paragraph 9.1.8.5 must be installed over the building underlay behind the cavity battens at 300 mm centres horizontally to prevent bulging of the building underlay into the drainage cavity.

INSTALLATION

1. Peel-off adhesive backing for temporary fixing.
2. Must be installed over the building wrap.
3. Can be cut with a knife, cutting tool or hand saw.
4. Can be installed both vertically (Fig A) and horizontally (Fig B) in line with requirements of selected wall cladding system.
5. Cladding fixings must be fixed through the VENT SYSTEMS VB20 into the studs and dwangs. NB: The VB20 should be treated as non-structural timber cavity batten.
6. Cladding fixings must conform to manufacturer's specifications.

APPRAISALS

- BRANZ appraisal No. 1099 [2019].

WARRANTY

- 30 years.

MAINTENANCE

- No maintenance requirements.

STORAGE

- Must be stored on flat surface and protected from the elements.
- Protect from physical damage and direct sunlight at all times.

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VENT SYSTEMS VENTILATED CAVITY BATTEN VB20 WALL

FIGURE B: VENT SYSTEMS VB20 Horizontal cladding system

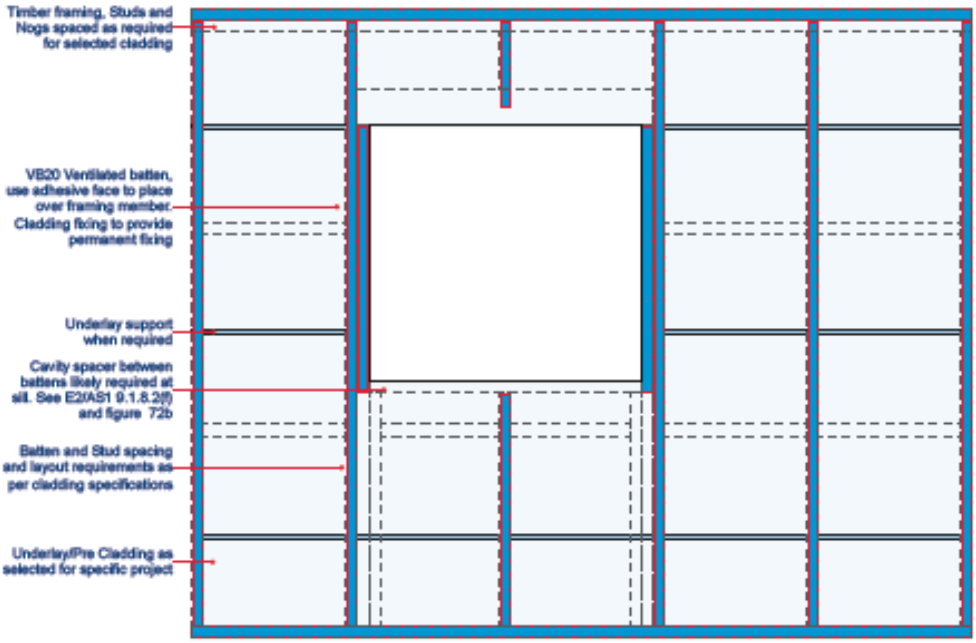
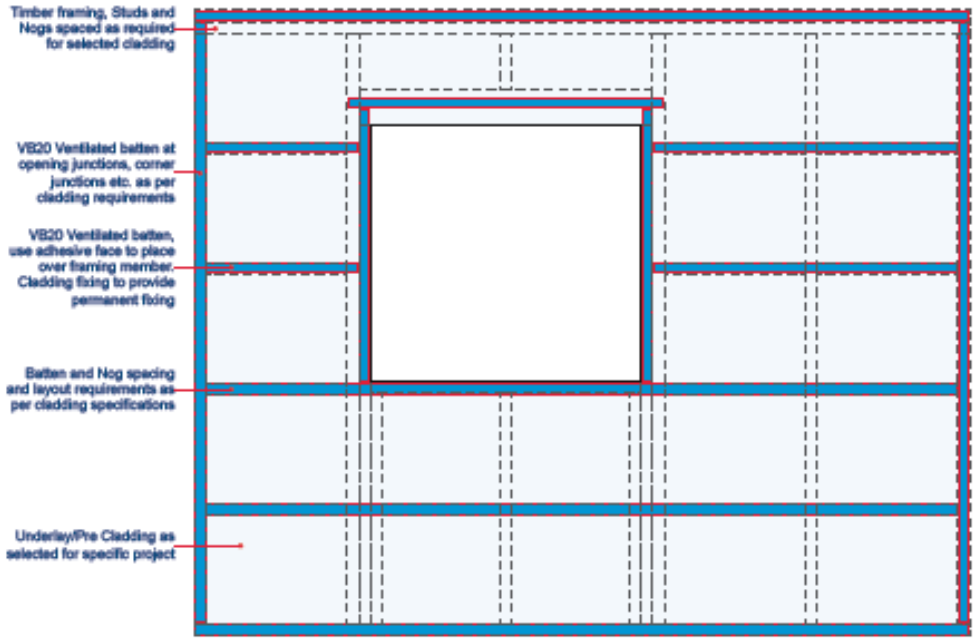


Fig C: VENT SYSTEMS VB20 Vertical Cladding System



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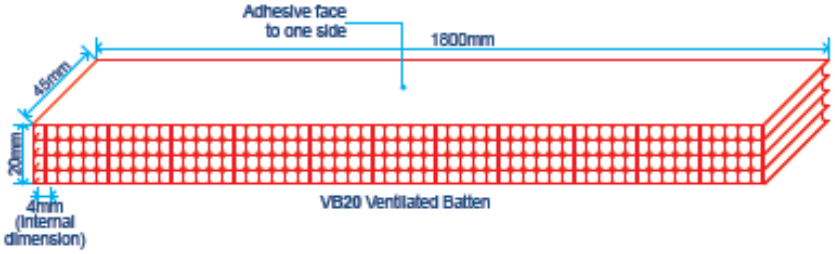
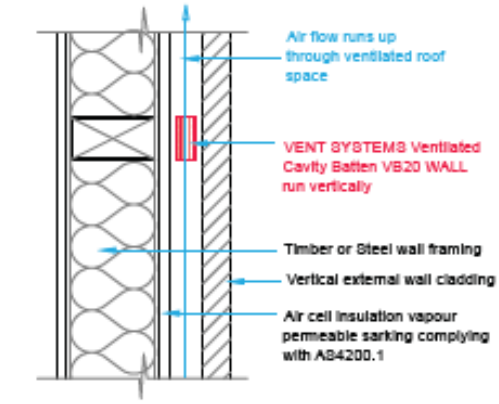
VENT SYSTEMS VENTILATED CAVITY BATTEN
VB20 WALL

Fig D: Dimensions





SECTION - VERTICAL CLADDING

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The company maintains a policy of continuous development of its product range and reserves the right to amend the specification without notice.

NOTE: Diagrams are for guidance purposes only. This is a suggested method of ventilation but the overall design and dimensions are the responsibility of the designer in compliance with the NCC, individual state requirements and AS3959 in bush fire prone areas.