

Product Technical Statement

Vent Edge™

DISTRIBUTOR

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DESCRIPTION

VENT EDGE™ is a composite “soft edge” material designed to be attached to flashing materials for the purpose of dressing down into the troughs of profiled metal roofing to not preclude the natural occurrence of passive roof ventilation from occurring, whilst still remaining as the baffle to Water ingress and aesthetics of finished Flashing

COMPOSITION

VENT EDGE™ is a composite product consisting of a narrow expandable Polyisobutylene strip of material to provide adhesion and strength, bonded to a perforated and expandable aluminium over-layer which provides formability and stability to retain the expanded profile shape in use.

SCOPE OF USE

Transverse flashings to the range of sinusoidal wave corrugates and low rib asymmetrical trapezoidal sections as defined in E2/AS1 figure 38, with a maximum profile height of 30mm and maximum rib spacing of 200mm.

Suitable for Wind Zone areas up to and including EH and exposure zones up to and including Sea Spray areas as defined in NZS3604:2011.

NFVA area calculated in accordance with E2/AS1 NZMRM Code of Practice Document as per Page 149, Diagram 5.1.2B with a mean 2.5mm gap between soft edge material and roof sheet.

- Generic Corrugated Profile—10284mm² per metre of ridging.
- True Oak Corrugated Profile---10587mm² per metre of ridging.
- Trapezoidal Rib profile up to 30mm height, --10810mm² per metre of ridging
- Other profiles calculated upon request.

COMPLIANCE WITH NEW ZEALAND BUILDING CODE

- **B2 – Durability-** The materials used in VENT EDGE™ comply with tables 20 of E2/AS1 as being suitable in all environments in an exposed condition requiring 15 years durability.
- **E2 – External Moisture-** VENT EDGE™ complies with Acceptable Solution E2/AS1 section:
 - **4.6 Flashing overlaps and upstands**
 - a) A *soft edge flashing* for corrugated profiles, or
 - b) A notched turn-down or *soft edge flashing* for *trapezoidal* profiles with rib height not exceeding 30 mm and/or rib centres not exceeding 200 mm
 - **8.4.11 Flashing requirements**
 - a) At edges discharging to gutters with *eaves flashings* where required in Figure 45(a)
 - b) *Soft edge* to cover *flashings* complying with Paragraph 4.6. Refer to Figure 41 for example of use and Tables 21 and 22.