



**mdm<sup>®</sup>**  
**Ventia**  
**Platinum Plus**  
Heavy Duty Roof Underlay

OVERLAPPING LINE

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**INSTALLATION GUIDE**

# Ventia Platinum Plus Heavy Duty Roof Underlay

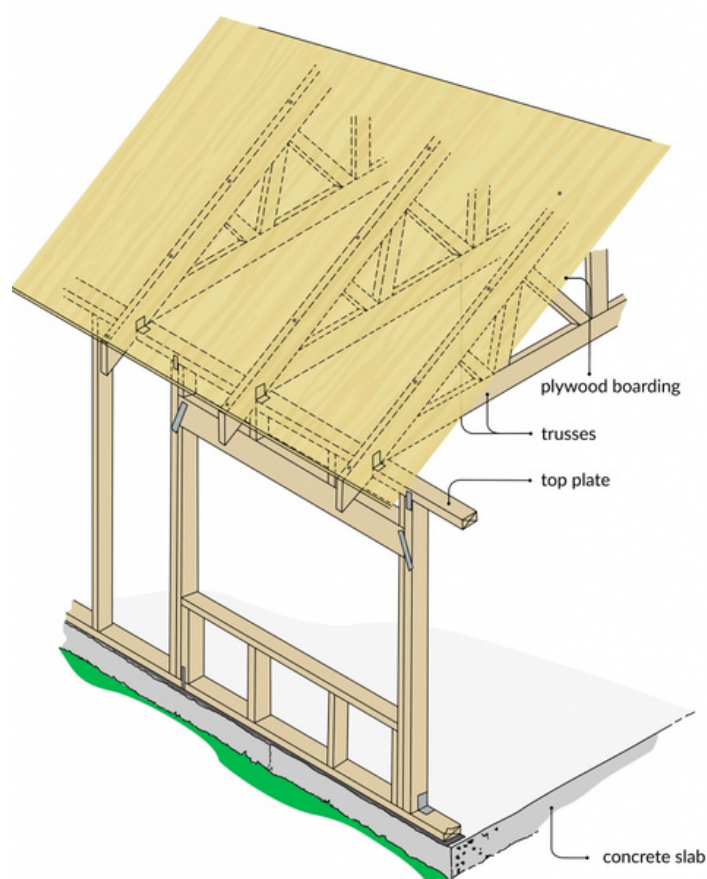
## ROOF UNDERLAY INSTALLATION PROCEDURE

- All design and building work must be carried out in accordance with the Ventia Platinum Plus Roof Underlay and BRANZ Appraisal No. 1167 (2021) by a competent and experienced roofer, familiar (knowledgeable) with Ventia Platinum Plus Underlay. Where the work involves Restricted Building Work, this must be completed by, or under the supervision of, a Licensed Building Practitioner with the relevant Licence Class.
- Ventia Platinum Plus Underlay must be fixed, with the printed side facing the exterior, at maximum 300mm centres to all framing members (trusses) with large-head clouts 20mm long, 8 – 12mm galvanized staples, self-drilling screws or proprietary underlay fixings such as Lumberlok Little Grippers. The underlay must be pulled taut (tight) without creases over the framing before fixing. We recommend that all fixings should be taped with ViBest Super Pro flashing tape or an equivalent BRANZ appraised tape along the entire length of the truss to seal the penetration that the fixing has made through the underlay.
- If installing Platinum Plus with counter-battens above the underlay, eg BRANZ High Performance Construction Method.
- If using counter-battens we recommend that all fixings should be taped with ViBest Super Pro flashing tape or an equivalent BRANZ appraised tape along the entire length of the truss to seal the penetrations of the counter-batten fixing (screwed through the counter-batten).

- Ventia Platinum Plus Underlay may be installed horizontally or vertically at roof pitches 3° and above.

Roof Pitch	Span	Roof Underlay Support Required?	
		Horizontally Installed	Vertically Installed
10° or more	Greater than 1,200mm	Yes	Yes
	1,200mm or less	No	No
Less than 10° (Minimum 3°)	Greater than 1,200mm	Yes	Yes
	1,200mm or less	No	Yes

Table 1: Roof Underlay Support Requirements – BRANZ Appraisal No. 1167 (2021).



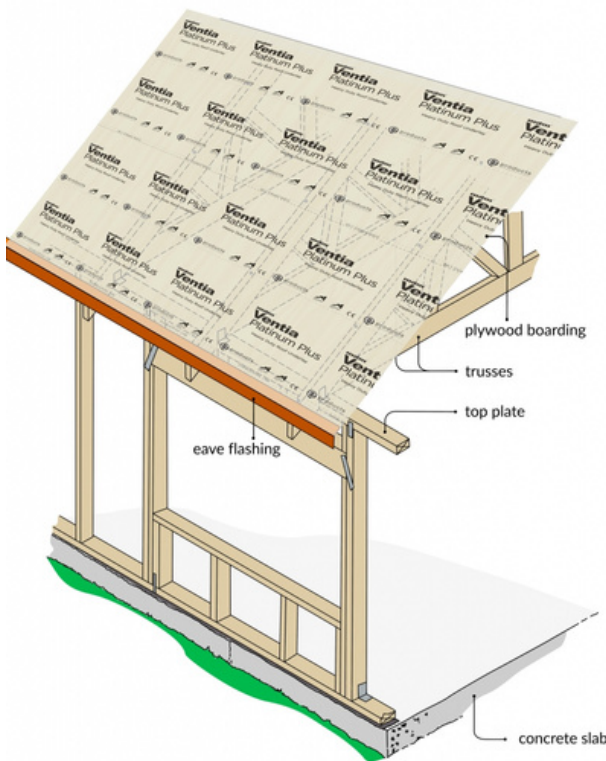
a) If installed vertically at pitches less than 10° must be supported by a corrosion resistant material e.g., Steel Mesh (span no greater than 1200mm).

b) Vertical overlaps must be no less than 150mm.

c) If installed horizontally does not require support (span no greater than 1200mm).

d) Horizontal overlaps must be no less than 150mm with the direction of the overlap ensuring that water is shed to the outer face of the underlay.

We recommend that Platinum Plus be installed horizontally regardless of the roof pitch and that roofs below 10° should have a 200mm overlap and be taped with ViBest Super Pro flashing tape 75mm wide. This is to safeguard against any potential ingress of water in case of a roof leak.

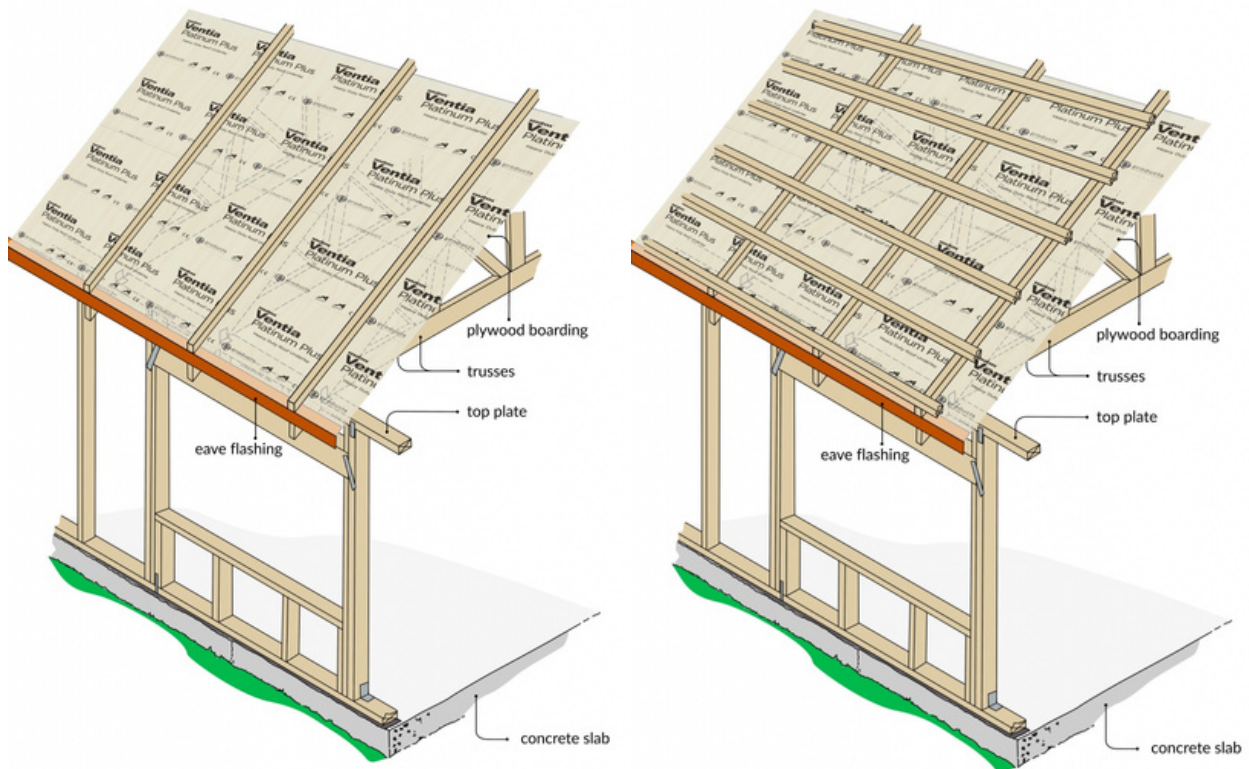


- At pitches 10° and greater, Ventia Platinum Plus Underlay can be installed vertically or horizontally with no required support (span not greater than 1200mm).

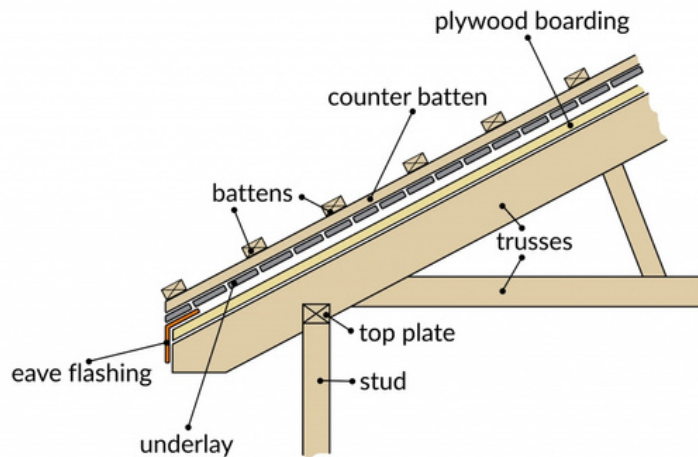
a) Vertical or horizontal overlaps must be no less than 150mm.

- Ventia Platinum Plus Underlay is suitable for use in all Wind Zones of NZS 3604 up to and including Extra High.
- Ventia Platinum Plus Underlay must not be exposed to the weather or UV for a total of more than 7 days before being covered by the roofing cladding. NZS 2295, the Building Code standard for roof building underlays, gives guidance that the roof underlay needs to be covered within seven days.

- When fixing the product in windy conditions, care must be taken due to the large sail area created.
- Any damaged areas of Ventia Platinum Plus Underlay, such as tears, holes, or gaps around service penetrations, must be repaired. Damaged areas can be repaired by covering with new material (underlay) overlapping the damage area by at least 150mm and taping with ViBest Super Pro 150mm wide. Small tears and holes can be taped with ViBest Super Pro flashing tape 150mm wide.



- Ventia Platinum Plus Underlay can be used on roofs with full plywood substrate e.g., bituminous shingle roofing systems.



- The Technical Literature must be referred to during the inspection of Platinum Plus Underlay installations.

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New Zealand  
 (09) 916 6750  
 orders@ebuilt.co.nz

Australia  
 (03) 9116 6351  
 orders@ozebuilt.com.au

International  
 +64 9 916 6750  
 info@ebuilt.co.nz

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