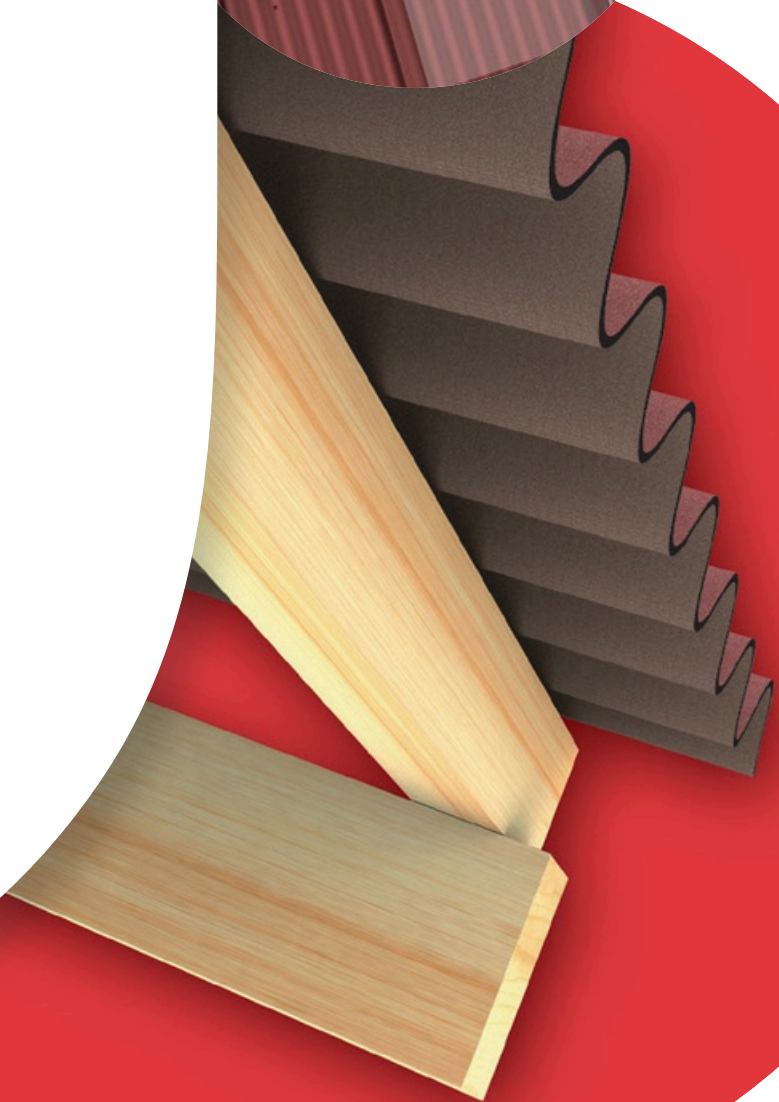
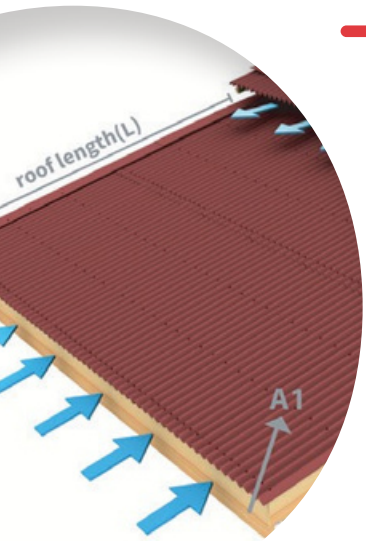
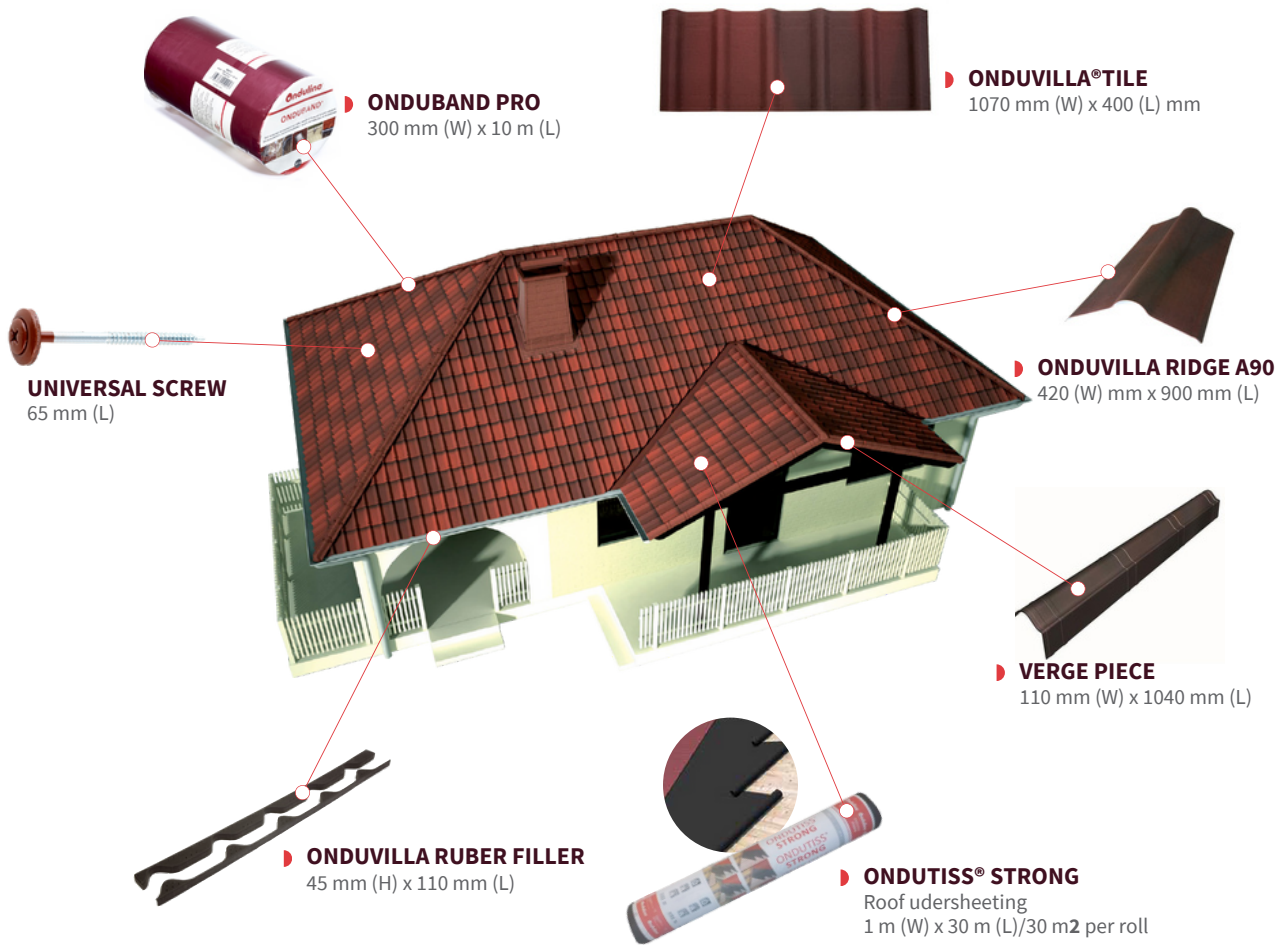


ONDUVILLA®

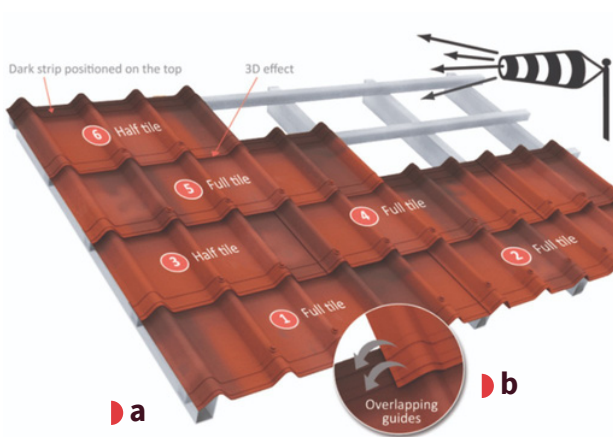
INSTALLATION GUIDE



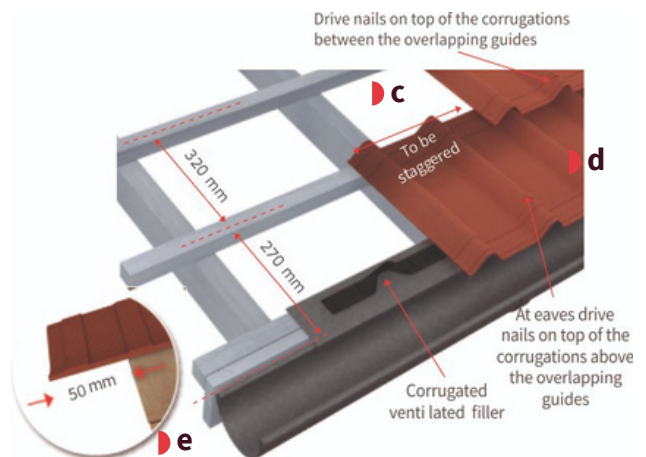
ONDUVILLA® System



ONDUVILLA® FIXING GUIDE



- a. Start installation at eave, in the opposite direction of the prevailing wind. For the tiles with a shadow line, position the dark strip on top
- b. Apply single corrugation to horizontal



- c. Stagger the rows. Start the second row with a half tile
- d. Ensure proper waterproofing by aligning the overlapping guides
- e. The overhang should not exceed to 50 mm

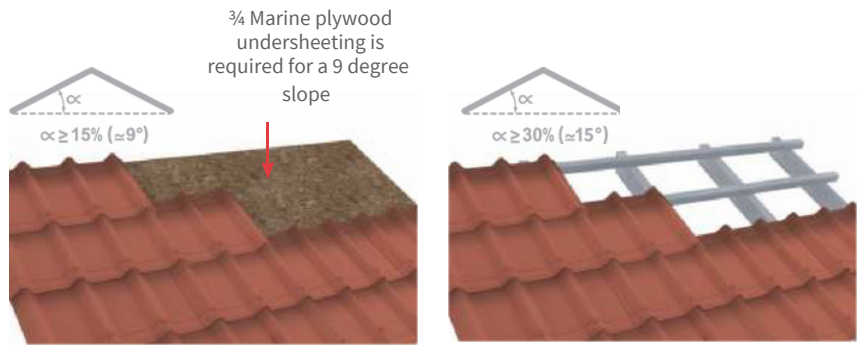
320 mm
Purlins Spacing

5
Screws



9°-14°
Requires
undersheeting

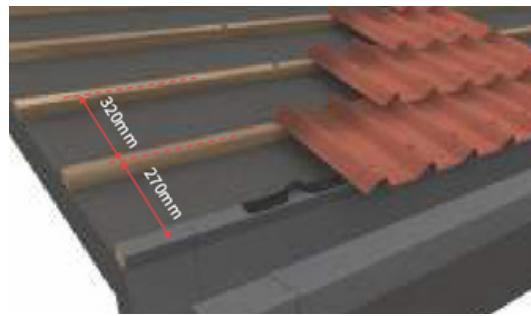
≥15°
No undersheeting



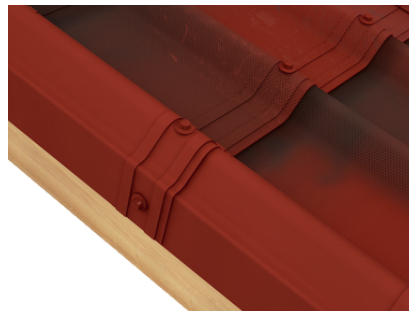
3/4 Marine plywood undersheeting is required for a 9 degree slope



ONDUVILLA® is to be fixed at each overlap and each corrugation with Speedy Screws.



Fix the tiles following the order described in this illustration, between the two overlapping guides. Do not fix those corrugations that will be overlapped by the next tile or verge piece. The first and second purlins should have 270 mm distance in between, with the rest at 320 mm.



Overlap each verge flashing by a minimum of 80mm.



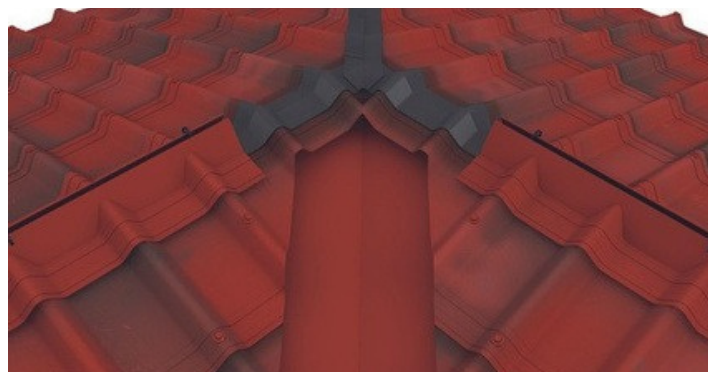
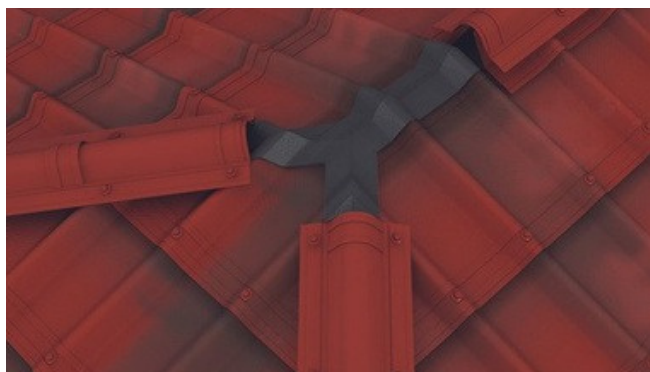
Overlap each Onduvilla Ridge by a minimum of 250mm.

INSTALLATION GUIDELINES

RIDGE



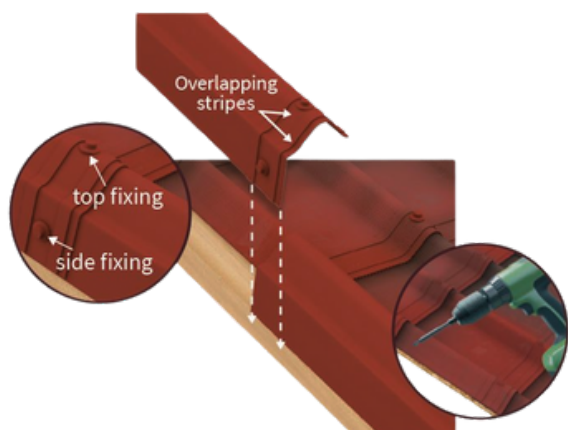
Cover the ridge line with the ONDUVILLA® ridge and fasten it on each side of the roof. Maximum distance from ridge point to next purlin is 15cm and overlap between ridges should be 15 cm. Ensure watertightness at ridge by applying the foam fillers, on both sides of the ridge line. Secure the watertightness by applying ONDULAIR .



To fix ridge from hip to valley, install APRON PIECE at ridge, ONDULAIR at hip, and a strip of FLASHING BAND or ONDULAIR at meeting point. The ridge piece has to overlap the hips.

Cut and install the valley, and secure waterproofing with FLASHING BAND. Install all ONDUVILLA® tiles.

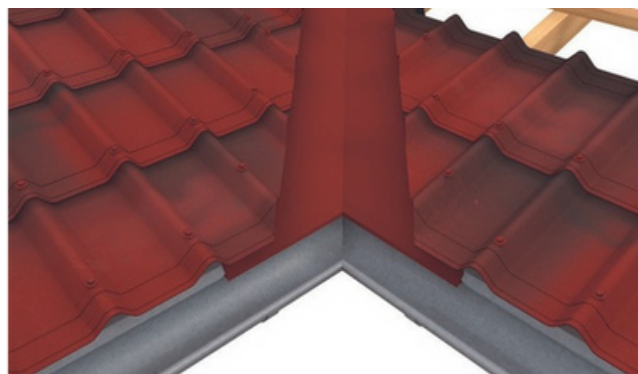
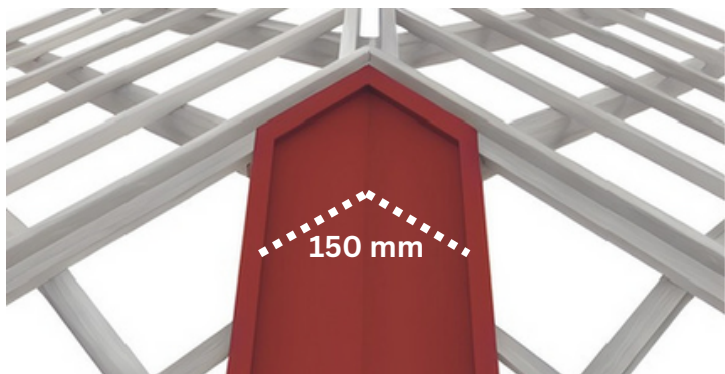
VERGE



- At the beginning of the roof, the VERGE PIECE simply overlaps the first corrugation of ONDUVILLA®.
- Additional to the usual fixing on top of the corrugation, side fixing is also necessary against wind uplift . Side fixing comes first, then finalize with top fixing.
- On the opposite side, the roof may not end with a corrugation. Cut the last tile at the edge and bend it onto a batten in order to ensure proper watertightness.
- Then overlap the purlin with the VERGE PIECE.

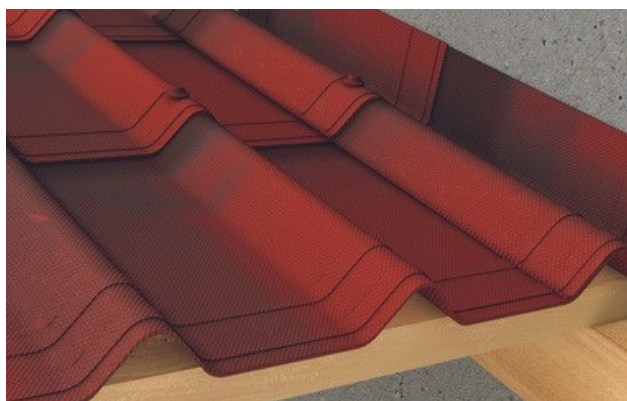
INSTALLATION GUIDELINES

Valley

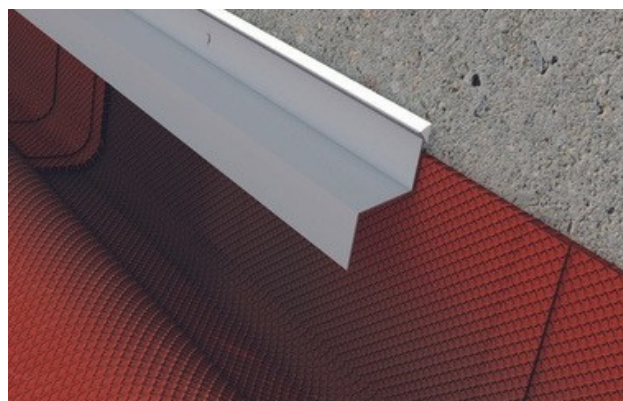


Prepare the support. Position the valley, and fix it with standard nails (flathead). An universal ventilated filler can be added to prevent birds or other animals to enter into the roof space. Fix the nails on top of corrugations into the supporting purlin.

SIDE WALL ABUTMENT

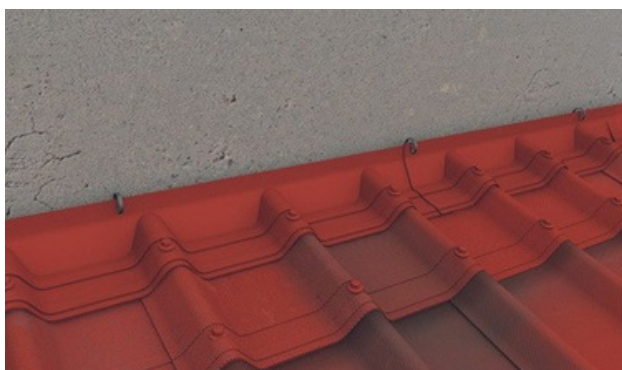


Position the ONDUBAND® membrane, overlapping one corrugation in order to ensure waterproofing.

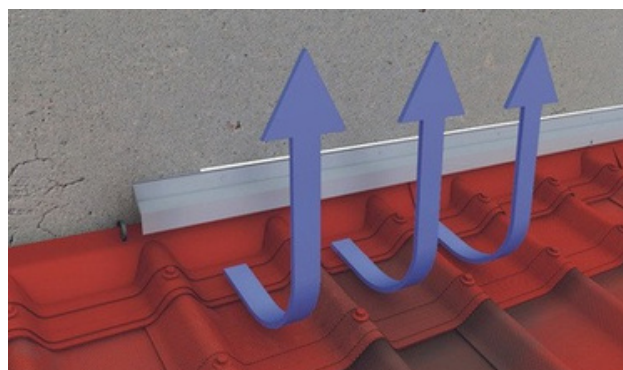


Secure the waterproofing along the wall by fixing an aluminium Z-profile and a strip of silicone mastic.

WALL ABUTMENT



The ventilation gap between the wall and the apron piece should be secured with spacers that are applied at overlaps and in the middle of each apron piece.

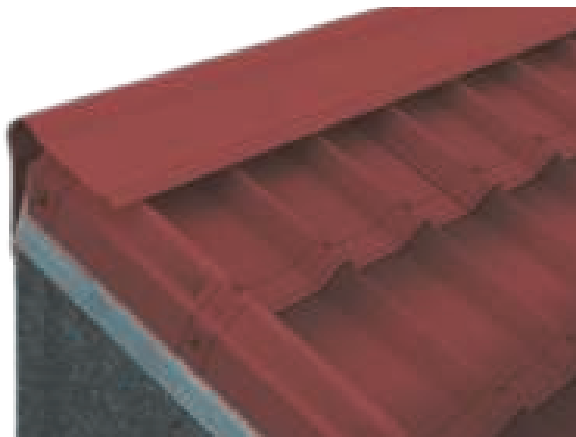


Aluminium Z profile is then fixed to the wall, and a line of silicone mastic is necessary for the watertightness.

MONO RIDGE TO WALL

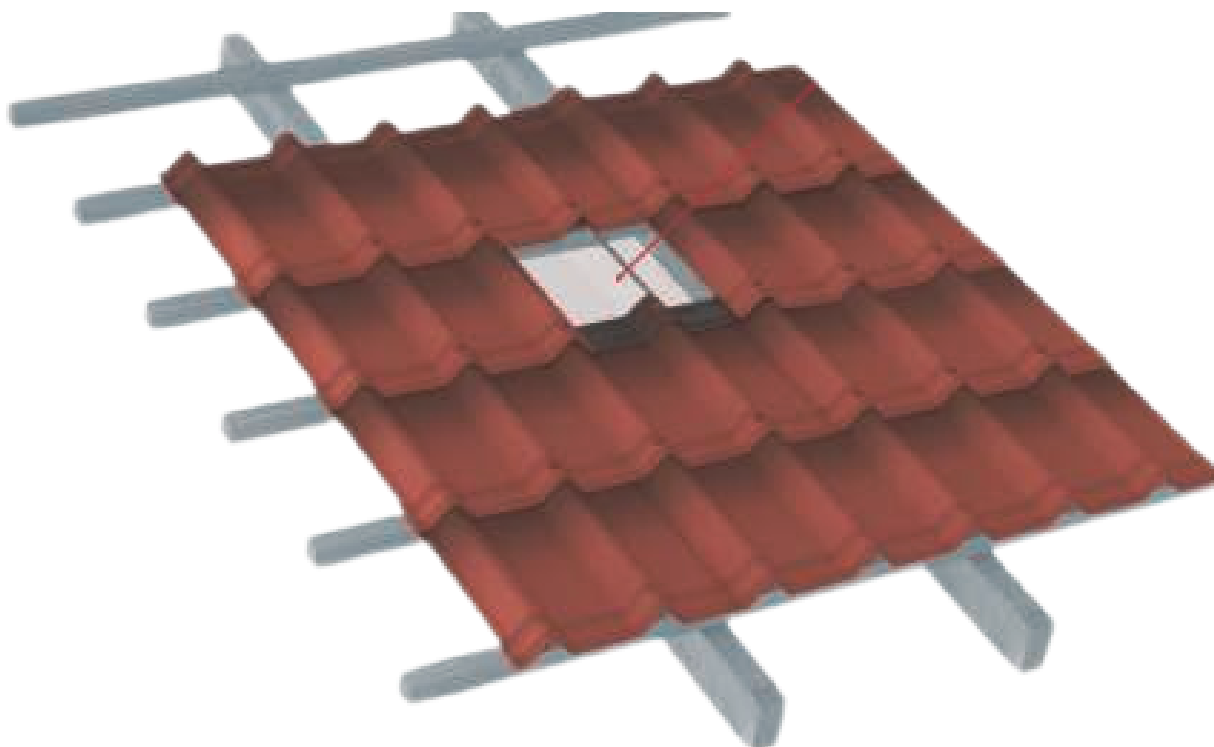


Install the VERGE PIECE.



Apply a STANDARD RIDGE PIECE and fix it on both sides.

SKYLIGHT



Start by pre-drilling the CLEAR TILE at the location of the fasteners, with a diameter of 6 mm. Position and fix the accessory at the desired location using the same overlap principle as tiles. Cover the outer corrugations of the CLEAR TILE on each side.



Onduline reserves the right to amend product specifications without prior notice. Product thicknesses shown in this document should not be taken as being available ex-stock and reference should be made to the current Onduline price-list or advice sought from Onduline Customer Service Department. The information, technical details and fixing instructions etc. included in this literature are given in good faith and apply to uses described. Recommendations for use should be verified for suitability and compliance with actual requirements, specifications and any applicable laws and regulations. For other applications or conditions of use, Onduline offers a Technical Advisory Service, the advice of which should be sought for uses of Onduline products that are not specifically described herein. To ensure you are viewing the most recent and accurate product information, please scan the QR code directly above.

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