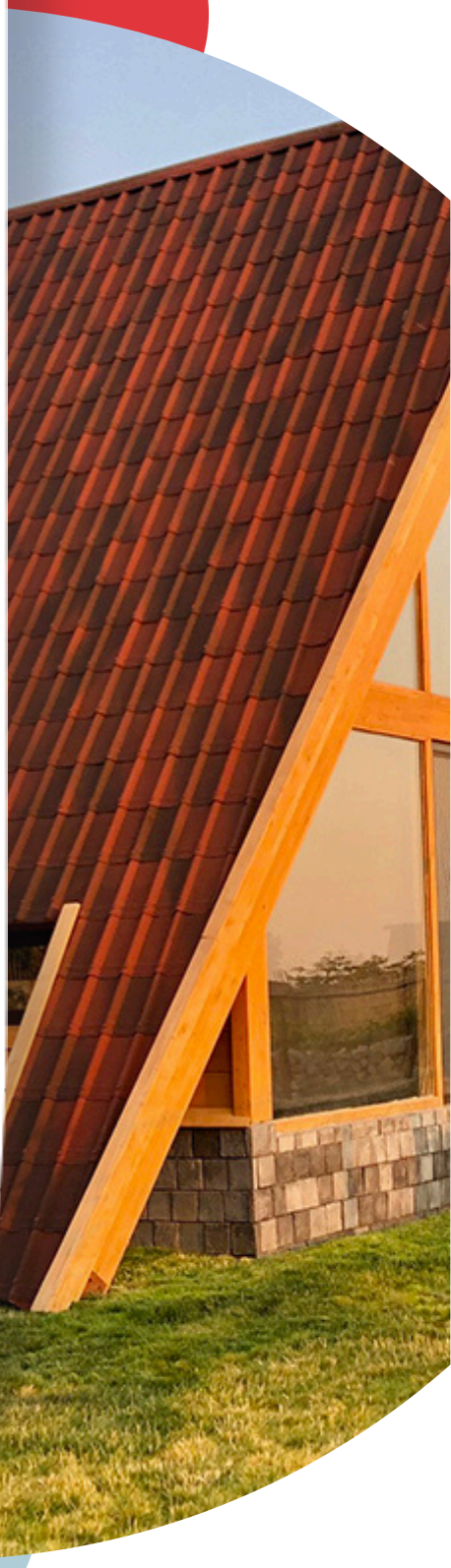
# ONDULINE®

LIGHTWEIGHT
**ROOFING**
SYSTEMS



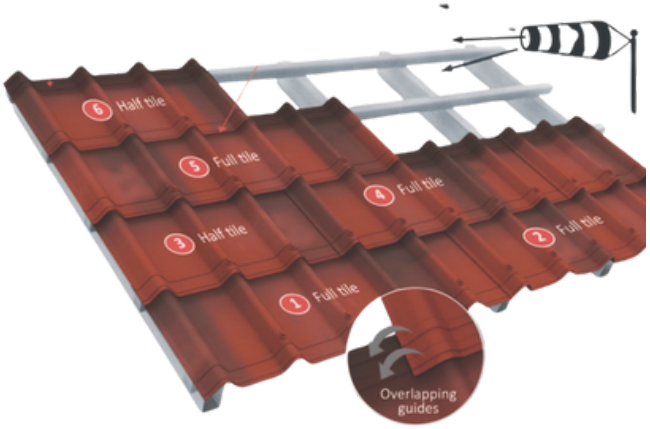
Onduline®
Lightweight Roofing Systems

# INSTALLATION GUIDELINES

## MINIMUM ROOF PITCH TO BE 15°

Start installation at eave, in the opposite direction of the prevailing wind. In the case of tiles with a shadow line, position the dark strip on top. Stagger the rows, by starting the second row with a half tile. Horizontal overlaps are one corrugation. Ensure proper waterproofing by aligning the overlapping guides.

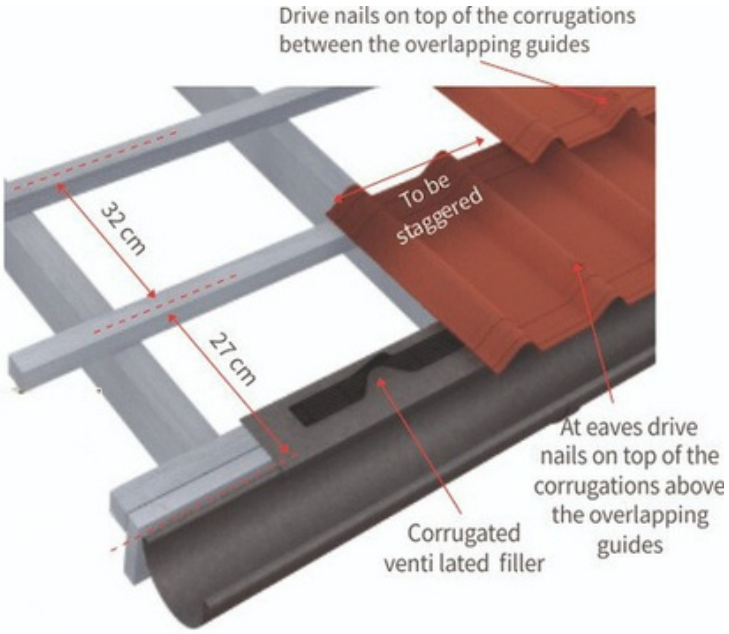
## FIXING



Fix the tiles following the order described in the picture, between the 2 overlapping guides. Do not fix those corrugations that will be overlapped by the next tile or verge piece.

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

Purlins should be placed at **32 cm** centre tot centre. The distance between the first and second battens **should be 27 cm** instead of 32cm. The overhang has to be **max 5 cm.**



# INSTALLATION GUIDELINES

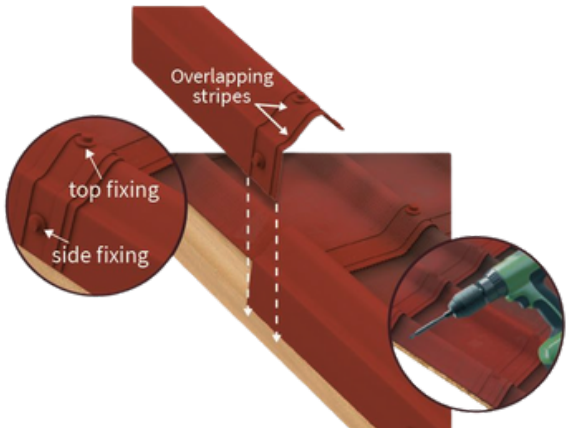
## RIDGE

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.

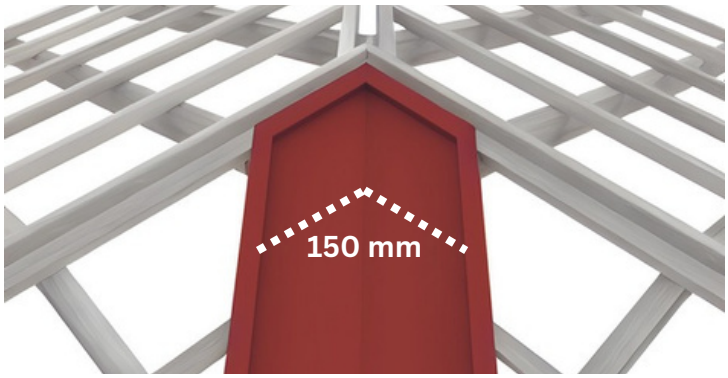
## VERGE

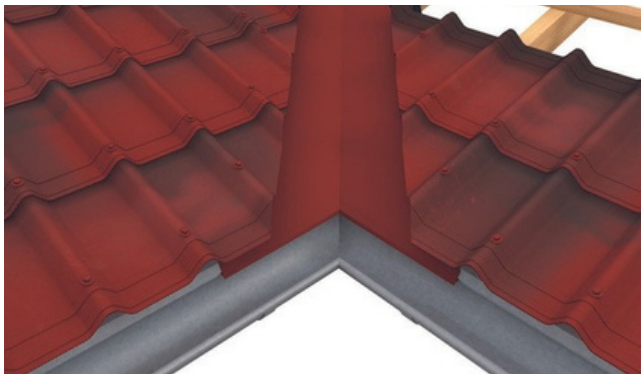



- At the beginning of the roof, the VERGE PIECE simply overlaps the first corrugation of ONDUVILLA®.
- Additional to the usual fixing on top of the corrugation, side fixing is also necessary against wind uplift . Side fixing comes first, then finalize with top fixing.
- On the opposite side, the roof 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

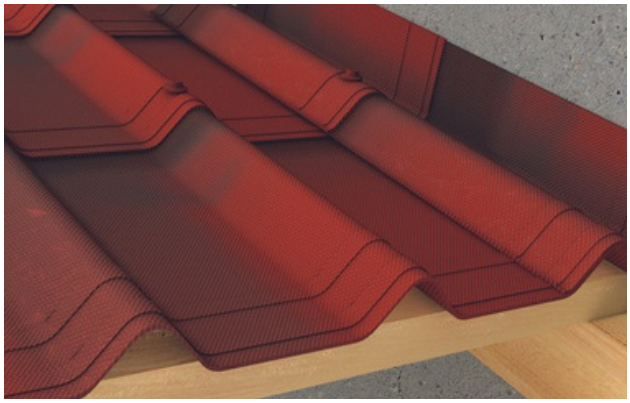
## Valley



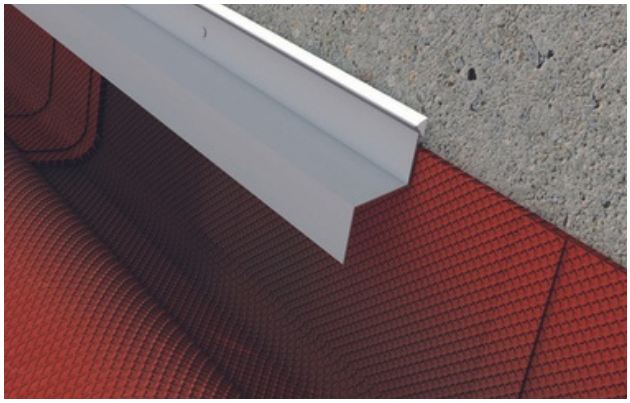



Prepare the support. Position the valley, and fix it with standard nails (flathead). An universal ventilated filler can be added to prevent birds or other animals to enter into the roof space. Fix the nails on top of corrugations into the supporting purlin.

## SIDE WALL ABUTMENT



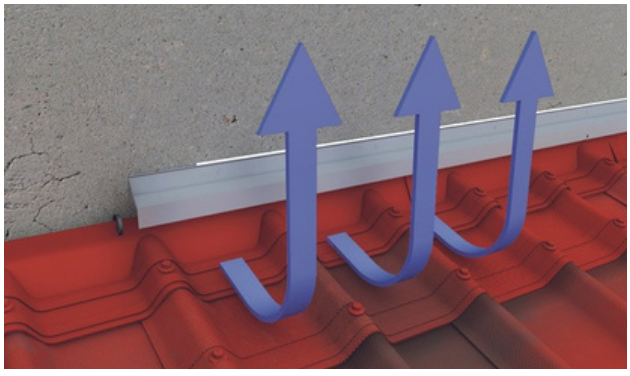
Position the ONDUBAND® membrane, overlapping one corrugation in order to ensure waterproofing.



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

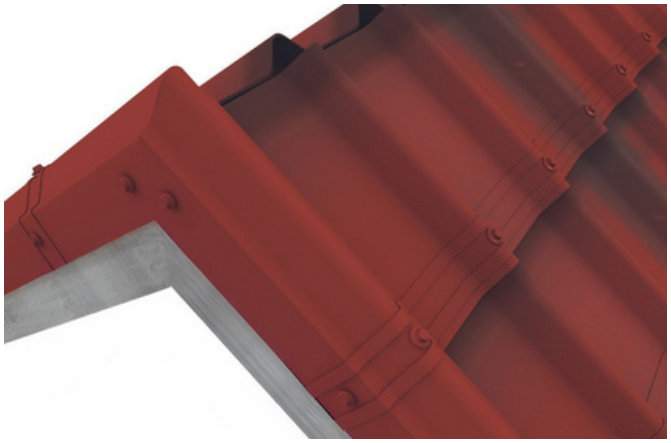
## WALL ABUTMENT

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.

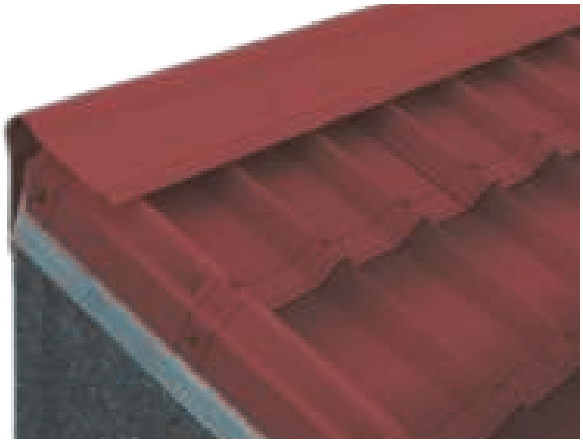


Aluminium Z profile is then fixed to the wall, and a line of silicone mastic is necessary for the watertightness.

## MONO RIDGE TO WALL

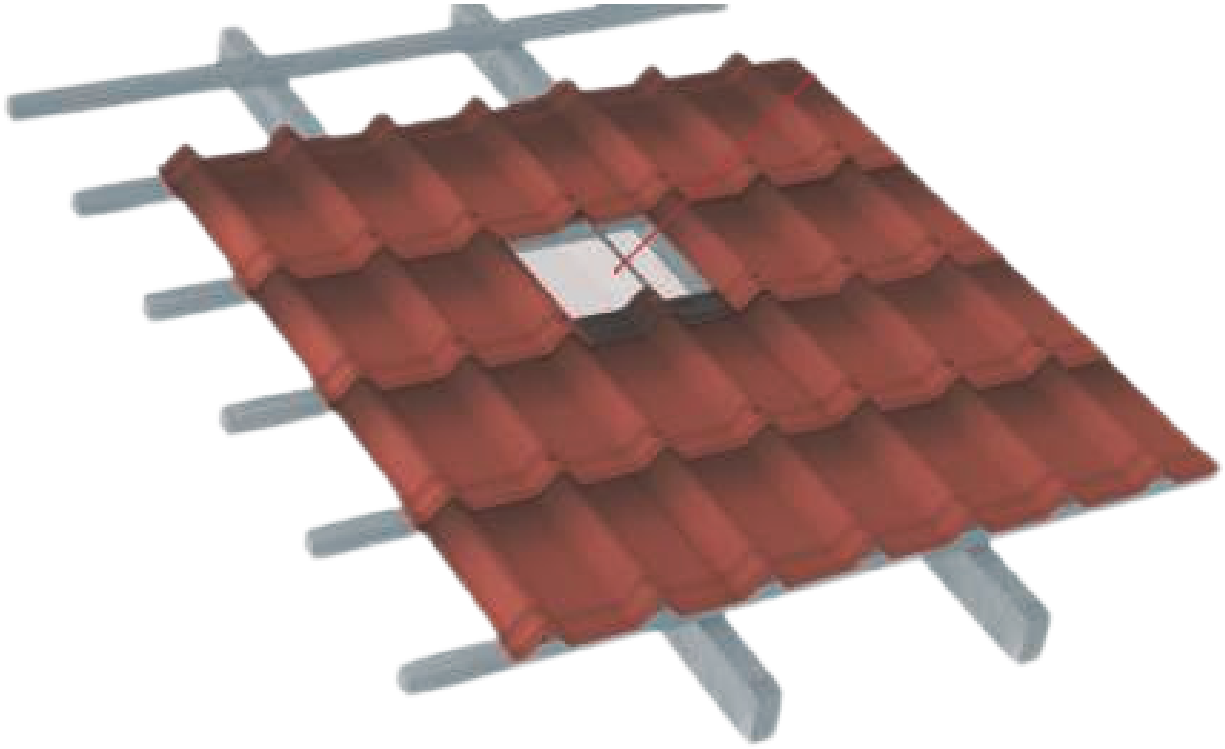


Install the VERGE PIECE.



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.

## ABOUT ONDULINE®

For about **80 years**, ONDULINE® strategy has successfully combined growth and international development.
The cellulose-bitumen-based roofing and under-roofing material known as ONDULINE® was invented and launched in the French market in 1944 by Gaston Gromier.

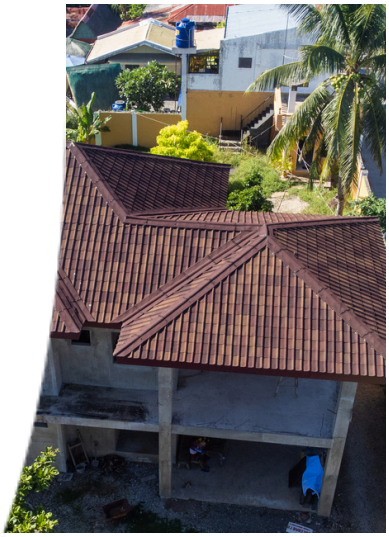
Specialized in **innovative roofing systems**, the group has been growing since then, until leading the market of lightweight roofing systems.

We are the undisputable leader in this segment, manufacturing **more than 95%** of world production of bitumen sheets.

**ONDULINE® is part of Kingspan's Roofing and Waterproofing division.**

Working alongside Kingspan since 2022, we both share common goals: to thrive as an international group and cultivate an entrepreneurial and collaborative culture.

Our shared focus is on **growth, providing excellent customer service**, and **accelerating the transformation** of building solutions towards **more eco-responsible solutions.**



**OFIC Building Materials India Pvt Ltd**
CIN No.U45309KA2008PTC048153
6th Floor, Urban Vault Citrine, Next to Aster Hospital New Airport Road NH 7, Sahakar Nagar, Bengaluru, Karnataka 560092
**Telephone:** +91 9108000444
**Landline:** 080 29910366
**Website**: in.onduline.com/en
**Email**: sales@ondulineindia.com

2025/01 Informative material. All product specifications are subject to modification without prior notice. This is not meant for mass distribution

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.

Onduline®
Lightweight Roofing Systems