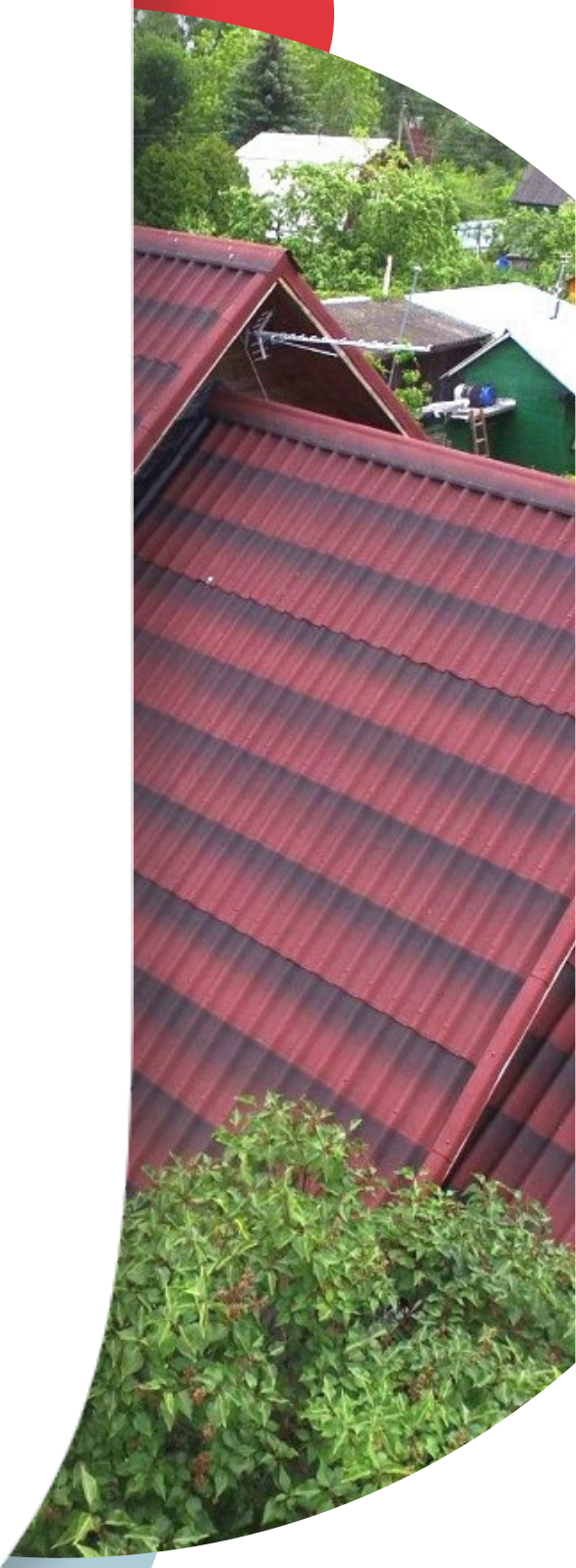
ONDULINE®

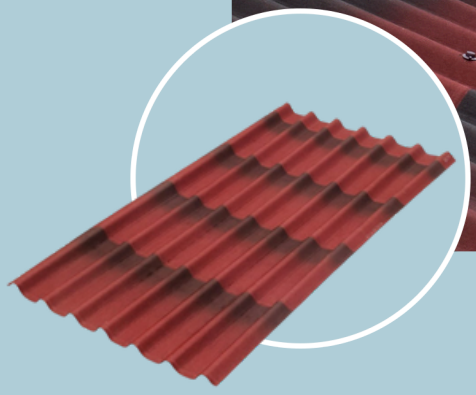
LIGHTWEIGHT
ROOFING
SYSTEMS



Onduline®
Lightweight Roofing Systems

ONDULINE® TILE

The convenience of the long sheets with the beauty of the small tile.



ONDULINE® TILE is a technological innovation for corrugated bitumen roofs that has a unique design that makes the roof look very unique, with a tile look, while remaining very easy to install. Corrugated bitumen sheet reinforced with cellulosic fibres and thermosetting resin, the product is coloured with natural pigments. ONDULINE® TILE is ideal for roofing application on residential buildings, adapted to hot and humid climates.

Applications

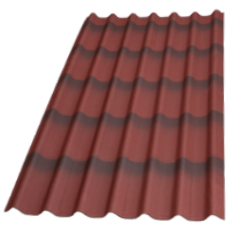
- Individual & collective housing
- Leisure housing
- Renovation
- Commercial buildings and resorts

- Does not Rust
- Reduces rain noise
- High Wind Resistant
- Tile Look
- 51 % Recycled content

Specifications

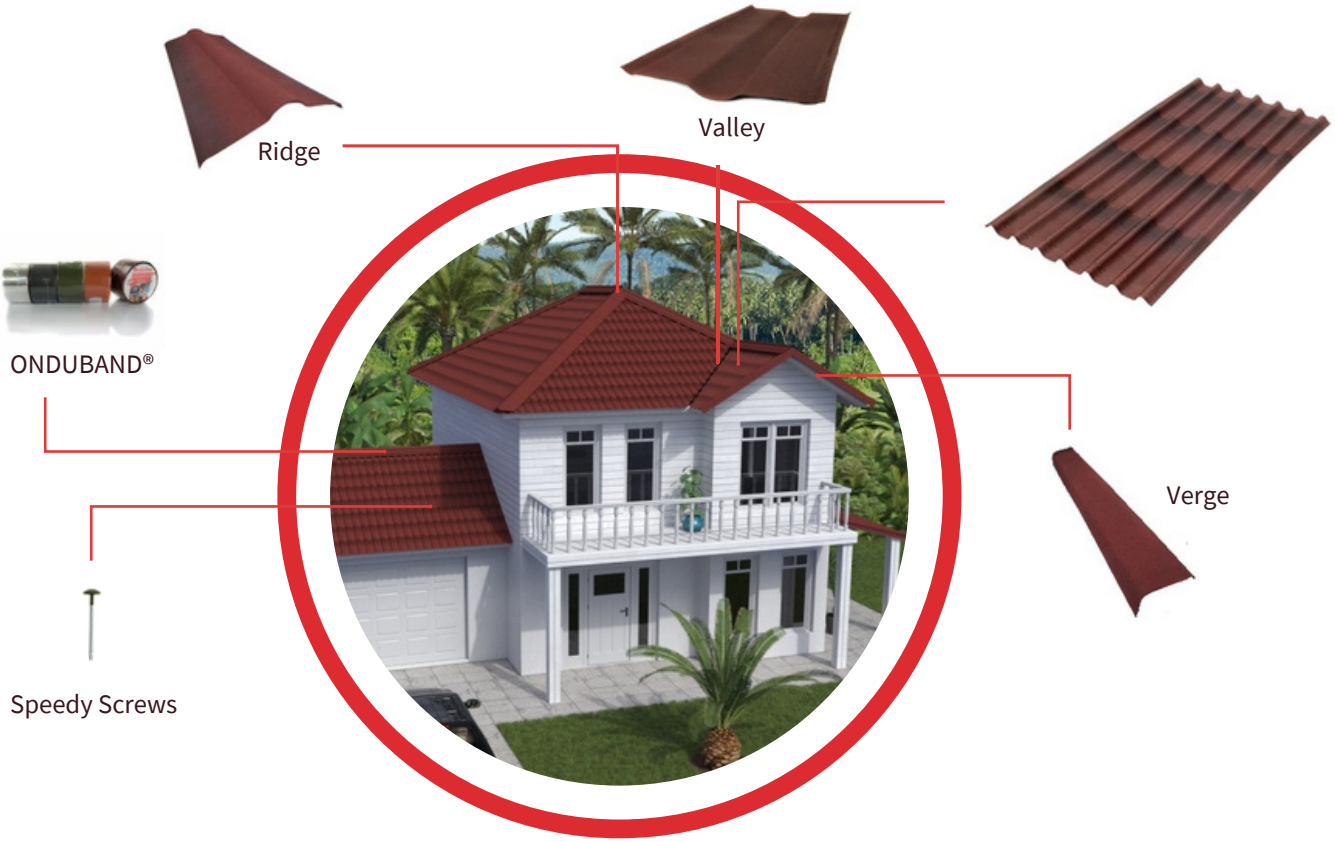
LENGTH	2000 mm [-0.4 ; +2 cm]
WIDTH	970 mm [± 2 cm]
GROSS SURFACE	1.94 m2
THICKNESS	3 mm [± 10%]
HEIGHT OF CORRUGATION	38 mm [± 2 cm]
WEIGHT PER m^2	3.2 kg / m^2 [± 10%] 6.2
NET SURFACE	1.58 m2

Colours

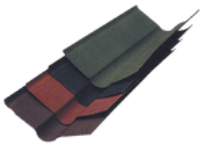


Dual Red 3D

ACCESSORIES



RIDGE C100
L 1000 mm
W 470 mm



VALLEY
L 1000 mm
W 500 mm

VERGE PIECE
L 1040 mm
W 405 mm

ONDUCLAIR® PC
L 2000 mm
W 970 mm

SPEEDY SCREW
Diameter 4.2 mm

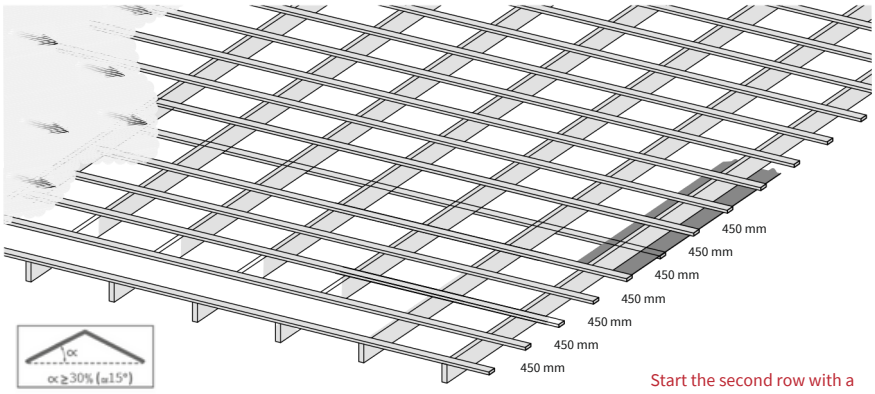
CORRUGATED FOAM FILLER
L 950 mm
W 30 mm

COMPLEMENTARY ACCESSORIES

- ONDUBAND® PRO

- ONDULAIR® STRONG

INSTALLATION GUIDELINES

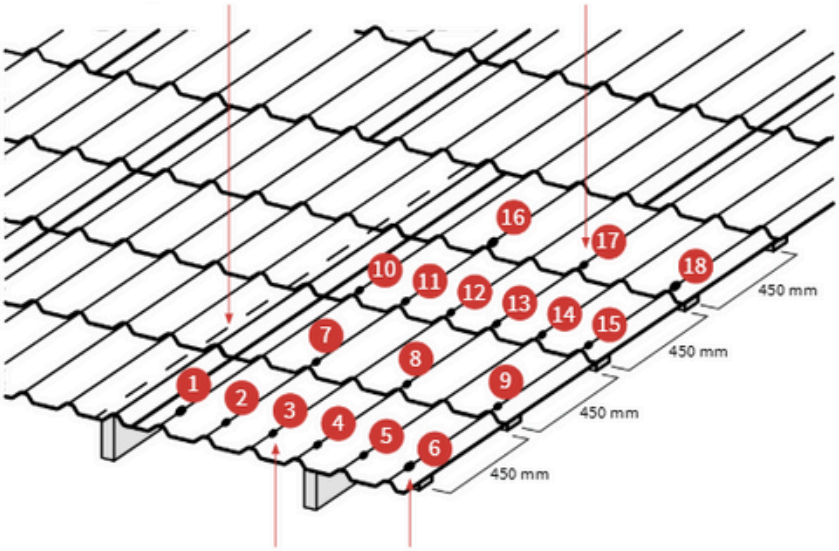


Start the second row with a sheet cut in 2, to install the roof in a broken bond pattern. It will avoid overlaps of 4 sheets in a same position.

- Minimum roof pitch to be 15°.
- Start fixing the sheets in the opposite direction of prevailing winds.
- ONDULINE® TILE shall be supported by purlins with distance of 45 cm.
- Maximum 35 mm overhang at eaves.
- Maintain top overlap of 20 cm and side overlap of 1 corrugation.
- Start the second row with a sheet cut in 2 - to install the roof in a broken bond pattern, it will avoid overlaps of 4 sheets in a same position.

Fastener positioning is pre-marked on the sheets

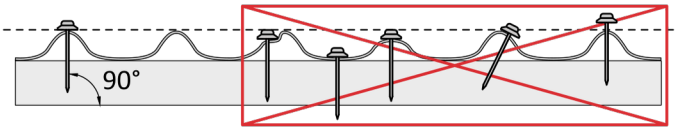
Minimum 1 corrugation out of 2



At eave, 1 fastener per corrugation

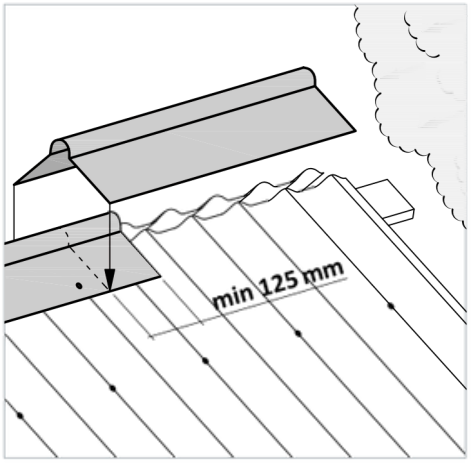
18 fasteners per sheet. Start fixing edges first

- 18 fasteners should be used per sheet.
- Install a fastener on each marking as shown in the image.
- Fasten on the top of each corrugation at eaves and horizontal overlaps to ensure proper waterproofing and avoid possible deformation of the sheets.
- Installing the right amount of fasteners is extremely important to avoid possible deformation of the sheets.



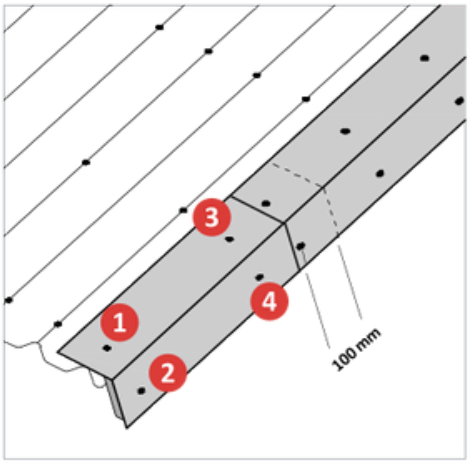
- Always fix straight and on top of corrugations.

RIDGE



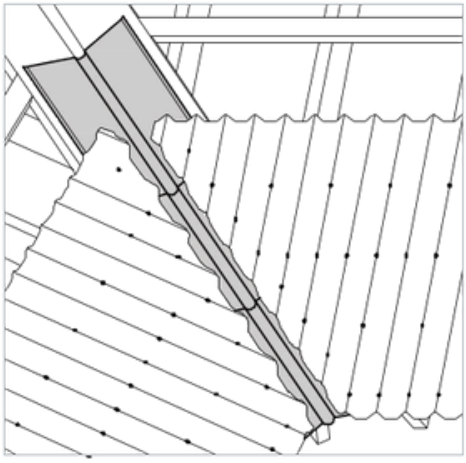
- Overlap the ridges with a minimum of 125 mm to secure waterproofing.
- Maintain good ventilation to avoid condensation under the roof.
- You can install ONDUBAND® PRO tape to secure waterproofing and preserve ventilation.

VERGE



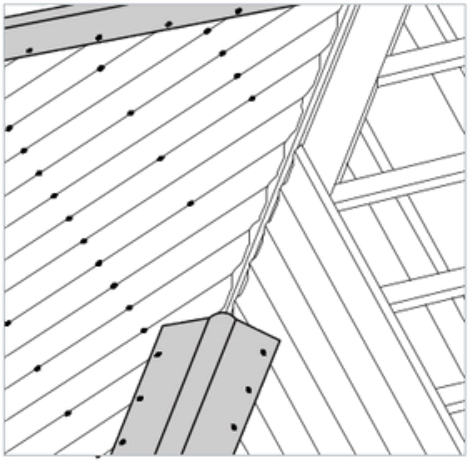
- Overlap the verges with a minimum of 100 mm.
- Install starting from the bottom.
- Number of screws per verge should be 4 pcs.
- Distance between screws (towards the top) must be 450 mm.

VALLEY



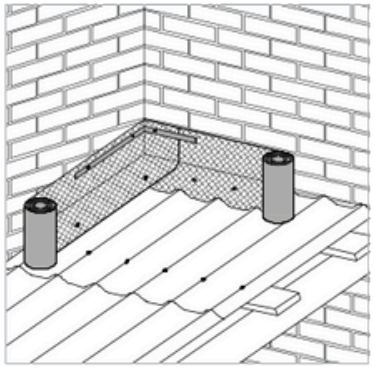
- You can use ONDULINE® valley or a metal valley.
- The vertical valley depth should be sufficient to allow the water to flow.
- You can secure the risk of water going up with ONDUBAND® PRO.

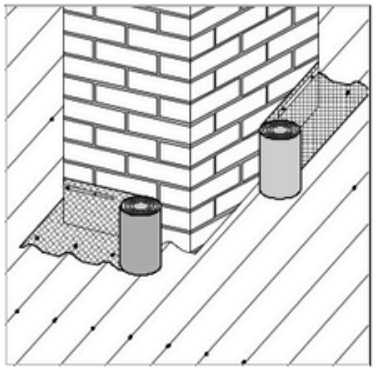
HIP

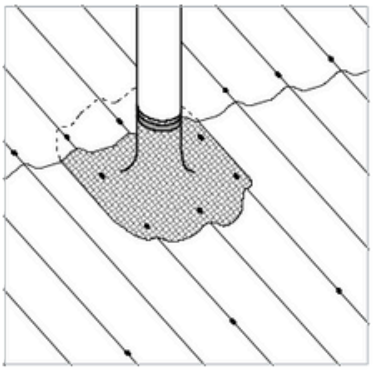


- Fix the hips before the ridge element.
- Fix fasteners on the top of each corrugation.

WALLS, CHIMNEYS & ABUTMENTS



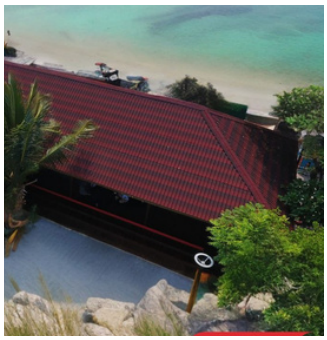




- With ONDUBAND® PRO, you can waterproof the roof details. End by sealing with a metallic Z profile and mastic.

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.**

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