

ONDUVILLA®



Individual & collective housing



Commercial buildings and resorts



Public-access buildings



Leisure housing



Renovation



Onduline®

Lightweight Roofing Systems

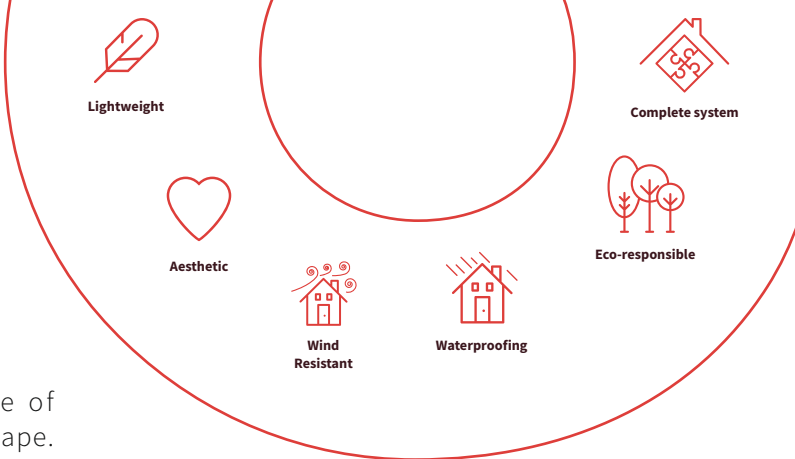


ONDUVILLA®

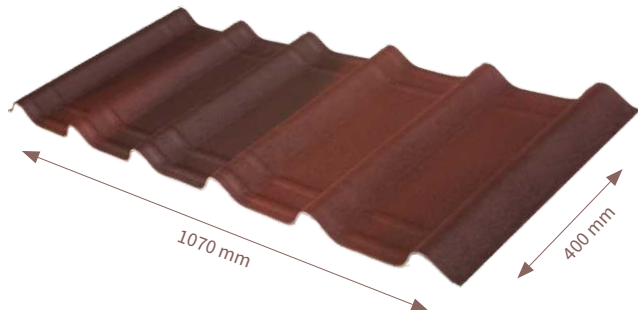
Aesthetically pleasing and reliable, ONDUVILLA® tiles are the ideal solution to cover every kind of buildings. This unique product is lightweight, attractive and extremely simple to install on all kind of metal and wooden structures.

Available in many colours, the natural appearance of ONDUVILLA® tiles blends harmoniously into the landscape.

ONDUVILLA® can resist a wind speed of up to 314 km/hr. This makes ONDUVILLA® suitable for coastal areas with heavy winds.



Technical characteristics



Length	1070 mm
Width	400 mm
Thickness	3 mm
Wave Height	38 mm
Gross Surface	0.43 m ²
Corrugations + Flats	6 + 5
Weight	3.1 kg/m ²

Colours

PIGMENTED COLOURS



• Shaded Red



• Shaded Brown



• Shaded Green



• Anthracite Black

PAINTED COLOURS



• Terracotta 3D



• Classic Red 3D



• Forest Green 3D



• Stone Grey 3D

Accessories

							
RIDGE A90 900 mm X 420 mm	VALLEY G100 1000 mm x 500 mm	SLIM CAP 1060 mm x 175 mm	CLOSURE CAP 1060 mm x 175 mm	VERGE PIECE 1040 mm x 105 mm x H 114 mm	APRON PIECE 1020 mm x 140 mm	TRANSPARENT CLEAR TILE 496 mm X 400 mm	SPEEDY SCREW Diameter 4,2 mm Length 65mm (+3 mm)

Lightweight

The extremely lightweight nature of ONDUVILLA® tiles ensures that the structural weight of the building can be reduced. ONDUVILLA® ensures significant dead load reduction when compared to traditional tiles. The excellent wind resistance offered by ONDUVILLA® is also a key factor for design.

Waterproofing guaranteed

Backed by exclusive SealSmart technology, the elasticity of ONDUVILLA®'s composite material allows it to shrink firmly around each nail, creating a permanently leak-resistant barrier. And the waterproofing is secured thanks to double-embossment technology at the overlaps.



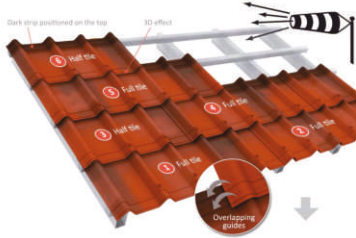
Eco Responsibility

ONDUVILLA® materials are composed of recycled fibers and use natural pigments for colouration. Like all ONDULINE® products, ONDUVILLA® contains no asbestos.

Installation instructions

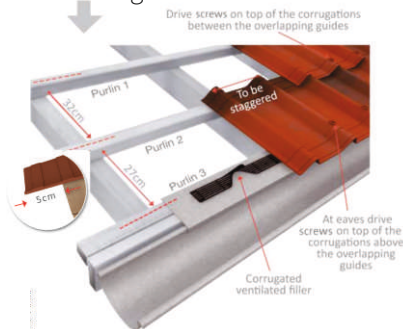
Start installation at eave, in the opposite direction of the prevailing wind. Stagger the rows, by starting the second row with a half tile. Ensure proper waterproofing by aligning the overlapping guides.

Min roof pitch to be 15° (27%)

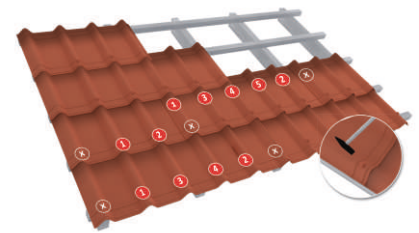


Due to ONDUVILLA®'s overhang, the distance between the first and second battens is reduced (**27cm** instead of **32cm**).

The overhang has to be max **5cm**.



The fixing on each corrugation should be done in the right order and in between the **2** overlapping guides. Do not fix those corrugations that will be overlapped by the next tile or vergepiece.



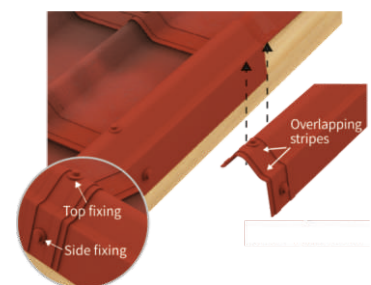
Cover the ridge line with the Standard ridge or Slim cap and fasten it on each side of the roof. The direction of the overlap is opposite to the direction of the prevailing winds. The CLOSURE CAP is used for the finishing of the ridge line.



Position the valley, and fasten it with standard nails. Fix the nails on top of the corrugations, into the supporting batten. At the ridge point, cut the valleys and fix them with standard nails. The empty surface will be used to glue the waterproofing solution.



The aesthetics and wind uplift protection can be optimized by using the verge element accessory, which is fixed first on the sidewall, then as well on the top of the corrugation.



* For detailed technical fixing guidelines, please contact our technical department

The ONDULINE® Group

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.

NOW AN ONDURA GROUP COMPANY

We are proud to be an ONDURA Group company.

ONDURA is an international group focusing on waterproofing and roofing solutions for buildings, to protect people & their belongings from water and wind. The motto is "Protection above all". The group offer includes systems for pitched and flat roofs.

Truly international, ONDURA operates in 32 countries with around 2000 employees from 34 different nationalities. ONDURA supplies the customers from 13 plants.



- **Worldwide Expert** in lightweight roofing

- **About 80 years** of industry experience

- **About 2000 employees** from **34** nationalities

- **Present in over 100 countries** through **32 subsidiaries**

An **Ondura** Group Company



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Onduline®

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