

# ONDUVILLA®



**OUR MOST AESTHETIC  
LIGHTWEIGHT ROOFING SYSTEM**

PREMIUM  
TILE-LOOK  
ECO-RESPONSIBLE



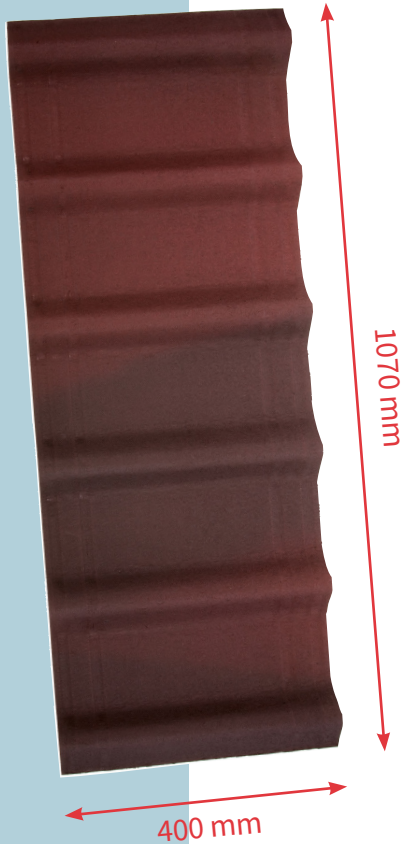
[www.ph.onduline.com](http://www.ph.onduline.com)

**onduline®**  
Lightweight roofing systems

\*Should follow the comprehensive Onduline installation guidelines for guaranteed performance and durability.

# ONDUVILLA®

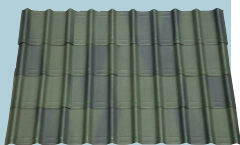
Combining the timeless appeal of classic clay tiles with the advantages of modern materials,  **Onduvilla®**  offers a sustainable roofing solution made from asphalt/ bitumen. This innovative roofing product is designed to enhance both residential and commercial projects with its aesthetic charm while ensuring lightweight construction and exceptional wind resistance. Choose Onduvilla for a roofing solution that harmonizes beauty, sustainability, and performance, elevating the aesthetics and resilience of your building project.



## PRODUCT SPECIFICATIONS

MATERIAL	Cellulose Fiber and Bitumen
LENGTH	400 mm (-1mm + 4 mm)
WIDTH	1070 mm (±20 mm)
THICKNESS	3 mm (± 10%)
HEIGHT OF CORRUGATION	38 mm (± 2 mm)
GROSS AREA/SHEET	0.43 m <sup>2</sup>
GROSS WEIGHT/SHEET	1.3 kg (±0.09 kg)
ROOF PITCH	9°-14° & ≥ 15°
EFFECTIVE AREA/SHEET	0.31 m <sup>2</sup>
INSTALLED WEIGHT/m <sup>2</sup>	4.19 kg/m <sup>2</sup>
PURLINS SPACING	320 mm + Full deck (9°-14°) 320 mm (≥ 15°)
PACKAGING	15 tiles/pack

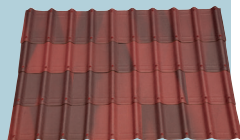
## AVAILABLE COLORS



Shaded green



Shaded brown



Shaded red



Shaded dark grey



### WIND RESISTANT

ONDUVILLA® have a patented fastening system that absorbs shocks and vibrations, allowing them to resist winds of up to **315 km/h** on metal structures and **290 km/h** on wooden purlins.

Test report (BBRI) DE 651XM225 CAR 15070/1 (29) = ONDUVILLA® Metal Purlin = 6000Pa (315 km/h) / DE 651XL019 CAR 13222/2 (85) = ONDUVILLA® Wood Purlin = 5000Pa (290 km/h)



### THERMAL COMFORT

ONDULINE's bitumen material stands out for its thermal performance (0.0403 W/m.K) as part of complete roofing system, contributing significantly to heat management. (September 2024, test by SIGMA, an Indian research center)



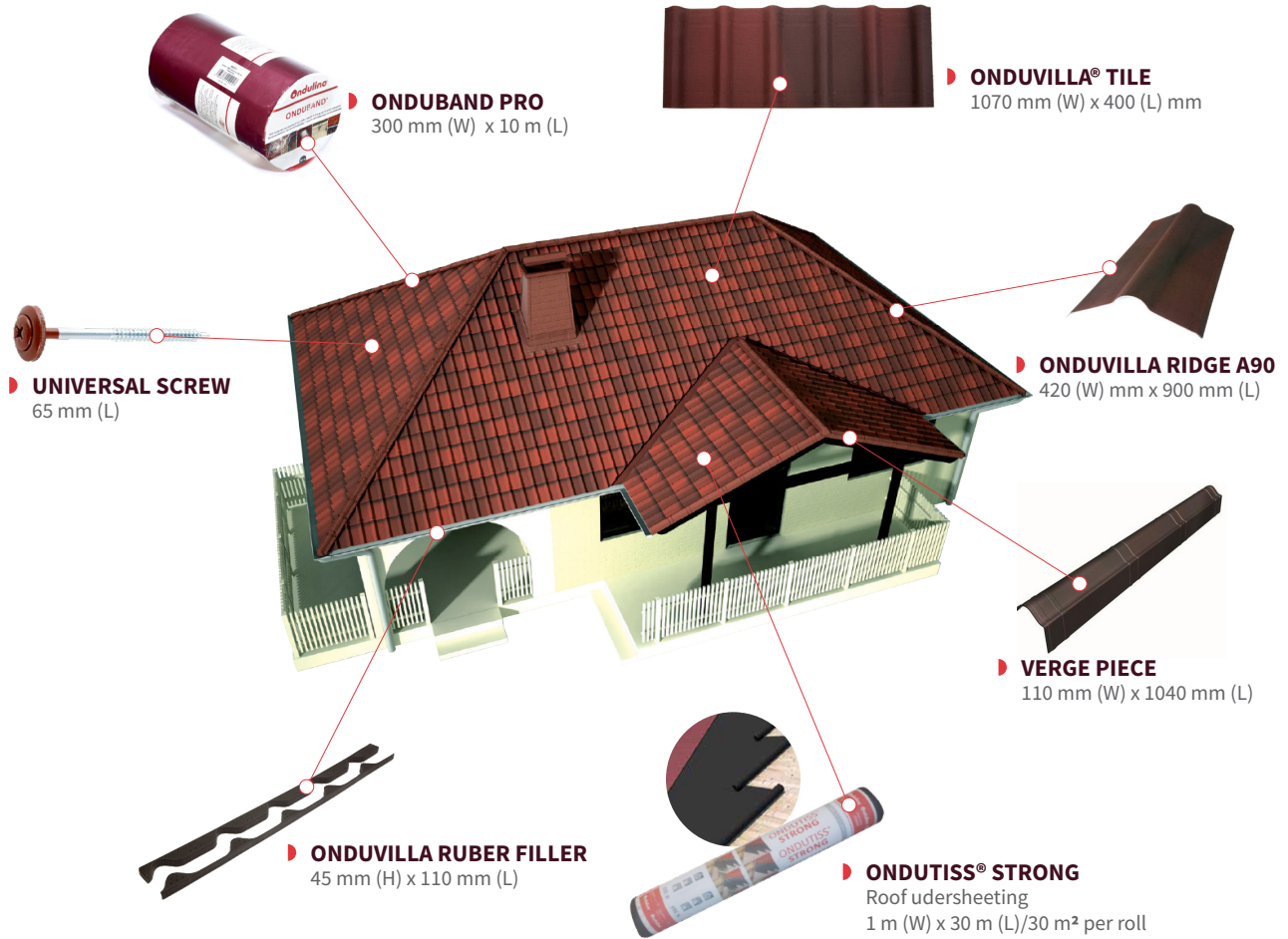
### EASY AND FAST TO INSTALL

ONDUVILLA® tiles are lightweight, easily handled by fewer installers, and eliminate the need for heavy machinery. Save time, cut costs, and speeding up project completion!

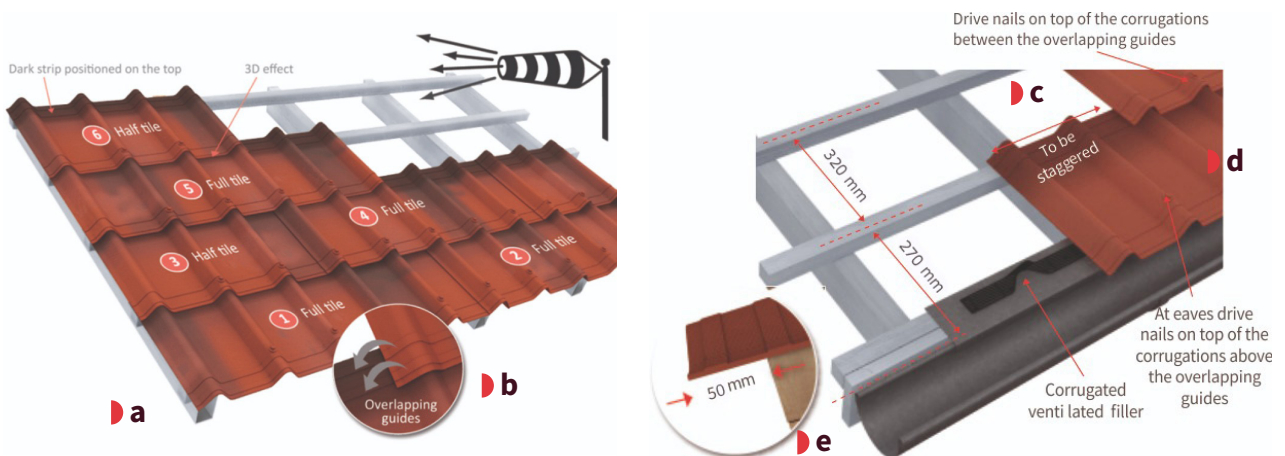
## GOVERNMENT ACCREDITATION

DO NO. 4 SERIES OF 206 – ITEM 1013A (DPWH)  
OUA MEMO 13-1019-0367 (DEPED)

# 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 overlaps

- 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

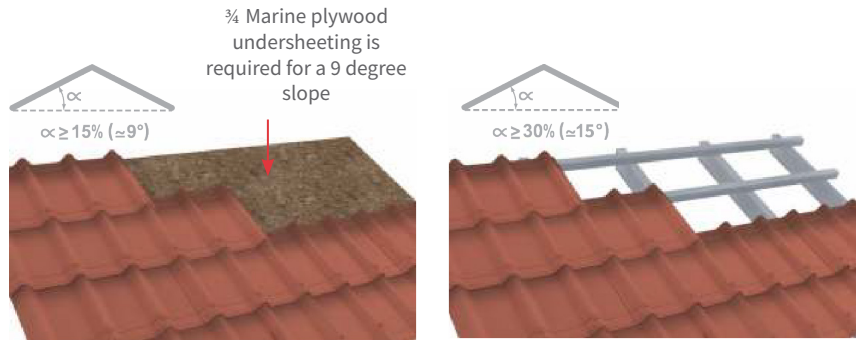
# Installation Guide for ONDUVILLA Roofing

**320 mm**  
Purlins Spacing

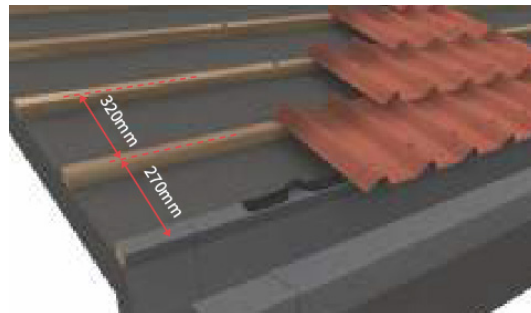
**5**  
Screws

**9°-14°**  
Requires  
undersheeting

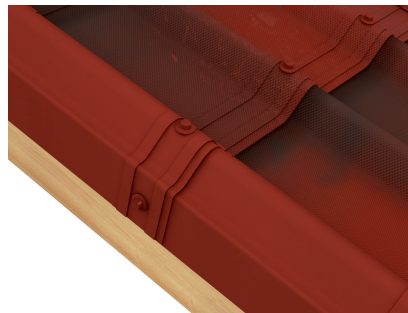
**≥15°**  
No undersheeting



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.

2025/03 Informative material. Onduline reserves the right to amend product specifications without prior notice.



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