



WHAT WE DO?



- Air Bubble Reflective Insulation
- Natural Stone Coated Metal Roofing Tiles
- Bitumen Corrugated Roofing Sheets
- ASA uPVC Spanish Roofing Tile Sheets
- Multilayer uPVC Roofing Sheets

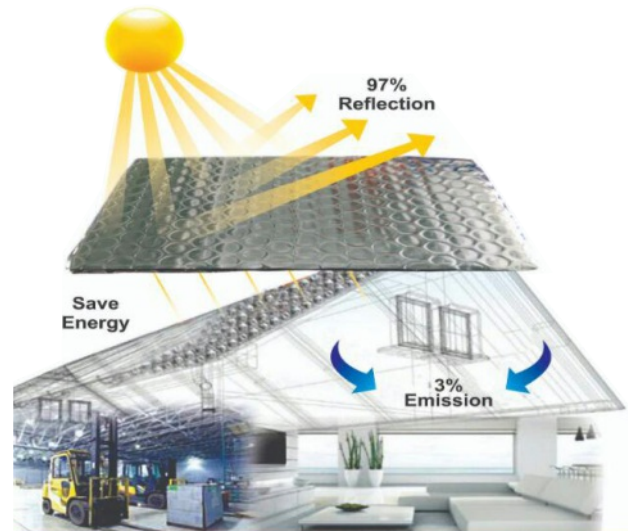


Air Bubble Reflective Insulation



Why we need Insulation?

Among all energy efficiency technologies, advanced heat insulation stands out as the one that could reduce energy consumption most effectively. It prevents the progression or transmission of heat, moisture, shock or sound from one medium to another. Insulation during summer can block up to 97% of radiation heat coming from sun & reflect 97% heat back in the building during winters. It is energy saving product used regularly in green buildings.



Characteristics

1. Resist up to 95-97% ultraviolet radiation.
2. Strong but clean, thin, lightweight flexible and cushioning.
3. Lightweight product, which means easier installation, more efficient construction, and does not consume valuable space within the building envelope when used in building construction.
4. Waterproof, moisture proof, anti-static, tearing strength, anti-pull, leak resistance.
5. Easily stapled, nailed or glued into place.
6. Safe to handle, with no special clothing or breath equipment. Invariable if it is attacked repeatedly.
7. Heat reflection, heat insulation, sound insulation & anti radiation.

Uses:

- ✓ Metal
- ✓ Pipes
- ✓ Ceiling
- ✓ Vertical
- ✓ Ducting
- ✓ Live Stock
- ✓ Cold Room
- ✓ Under Deck
- ✓ Concrete Roof
- ✓ Asbestos Roof Sheet
- ✓ Refrigerated Containers

Specifications

THICKNESS	ROLL SIZE (Width x Length)
4 mm	1.25 m x 50 m
8 mm	1.25 m x 40 m
12 mm	1.25 m x 40 m
20 mm	1.25 m x 30 m

Technical Data

	4 mm	8 mm	12 mm	20 mm
Specialisation	Bothside Aluminum Foil with Single Layer of Small Bubble	Bothside Aluminum Foil with Double Layer of Small Bubble	Bothside Aluminum Foil with Double Layer of Big Bubble	Bothside Aluminum Foil with Double Layer of Big Bubble
R VALUE	2.95 M ² KW	3.10 M ² KW	3.20 M ² KW	3.70 M ² KW
EMISSION	3%	3%	3%	3%
REFLECTIVITY	97%	97%	97%	97%
TEMPERATURE DIFFERENCE	6°C to 8°C (Depending on all parameters)			

Natural Stone Coated Metal Roofing Tiles



Metal Roofing Tile Panel is made of Aluminium with coating of Zinc, which is Aluzinc. Water repellent igneous rock formed 500 years, is coated on to the base aluzinc panel. Due to this, the Aluzinc stone coated panels are resistant to water, sound and also UV repellent and thereby reducing the heat inside the room .

Due to the Zinc composition, this product is highly corrosion resistant. Also it is highly reflective to heat thereby giving climatic insulation for building in hot or cold conditions. Due to the shield created, overall Air conditioning cost will come down compared to GI and Aluminium sheets.

The total square meter weight of two metal tile panel is just 6 Kg, making it one eighth lighter than the clay tiles. Overall length of the panel is equal to 7-8 clay or concrete tiles. Installation is made easy and fast due to this. This world class product, wont increase extra load on buildings as the product itself is light as well as the structure needed is lighter than clay or concrete tiles. It can be cut, bend to shape and installed easily.

As per minimum order quantity, customized colours are possible. Maintenance and Repair work needed is negligible with this product. It can be used in varied applications, enviornment friendly, recyclable, aesthetically beautiful prefered by architects.



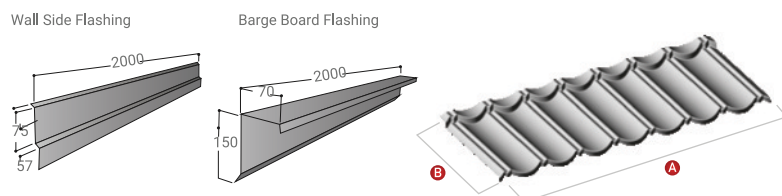
Color Chart

SC103 Sapphire	SC201 Orange	SC302 Anthracite Grey	SY014 Green Black	SC104 Black	SC203 Brick Red	SY102 Charcoal Grey	SC101 Coffee
SC104 Midnight Blue	SC204 Terra Cotta	SY982 MoonLight	SC102 Green	SC303 Granite Grey	SY974 Red Black	SY016 Moon Grey	SY019 Havana Coffee

* The production colors of the product may slightly differ from the colors in the color chart.

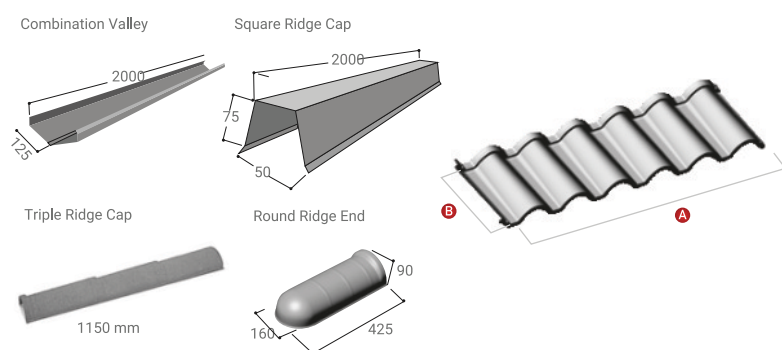
Accessories

The metal tile panels and accessories can be designed, produced and implemented.



Classic

Tile Size (LXW)	: 1350 mm X 430 mm
Installed Exposure (LXW)	: 1300 mm X 370 mm
Min. Roof Pitch	: 12°
Weight Per Tile	: ± 3.1 kg
Tiles Per Square (tiles/m ²)	: ± 2.08 pcs / m ²
Weight Per Square (weight/m ²)	: ± 6.8 kg / m ²
Packing	: 500 pcs / pallet, ± 1500 kg / pallet



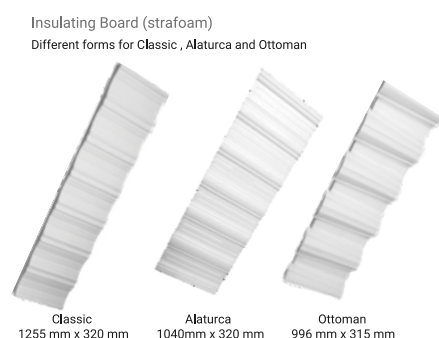
Ottoman

Tile Size (LXW)	: 1290 mm X 385 mm
Installed Exposure (LXW)	: 1190 mm X 358 mm
Min. Roof Pitch	: 12°
Weight Per Tile	: ± 2.9 kg
Tiles Per Square (tiles/m ²)	: ± 2.3 pcs / m ²
Weight Per Square (weight/m ²)	: ± 6.7 kg / m ²
Packing	: 500 pcs / pallet, ± 1450 kg / pallet



Shingle

Tile Size (LXW)	: 1325 mm X 430 mm
Installed Exposure (LXW)	: 1250 mm X 368 mm
Min. Roof Pitch	: 15°
Weight Per Tile	: ± 3.0 kg
Tiles Per Square (tiles/m ²)	: ± 2.2 pcs / m ²
Weight Per Square (weight/m ²)	: ± 6.6 kg / m ²
Packing	: 500 pcs / pallet, ± 1500 kg / pallet



Aquapan

Tile Size (LXW)	: 1180 mm X 510 mm
Installed Exposure (LXW)	: 1130 mm X 442.5 mm
Min. Roof Pitch	: 12°
Weight Per Tile	: ± 3 kg
Tiles Per Square (tiles/m ²)	: ± 2 pcs / m ²
Weight Per Square (weight/m ²)	: ± 6 kg / m ²
Packing	: 500 pcs / pallet, ± 1520 kg / pallet

Bitumen Corrugated Roofing Sheets



Production Standard and Quality of this product is world class. This environment friendly product with flexible structure, strength against UV rays, resistant to chemical and biological substances does not need the care given for other products.

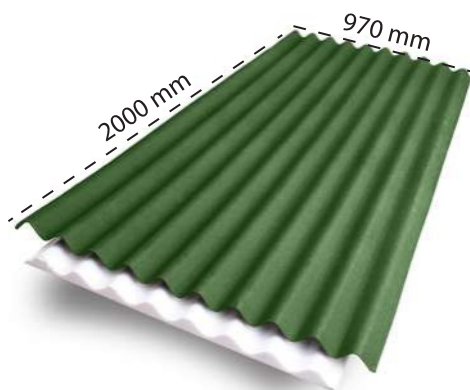
This product is made up of bitumen immersed in highest quality organic fibre and paper there by increasing the strength and resistance. They can be used in all climates and conditions, thanks to the special pigments used with paint pistol.

100% green products and 100 % responsible production.

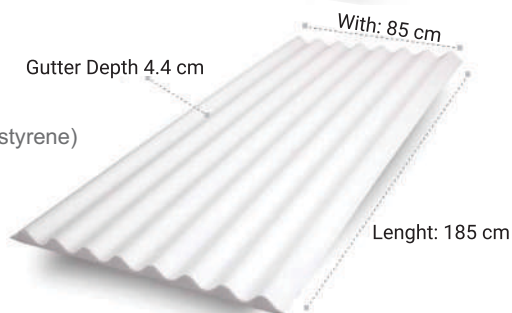
- Reduces Heat
- Reduces Rain Noises
- Easy to Apply
- Water Tightness
- Light Weight
- Durable



Width
970mm ($\pm 2\%$)
Length
2000mm ($\pm 1\%$)
Sheet Area
1.94m² ($\pm 2\%$)
Net Coating Area
1.58m² ($\pm 2\%$)
Packaging
225 pcs./Pallet
Weight
7 kg/Sheet



Raw Material
EPS (Extruded Polystyrene)
Density
14 Density
Color
White



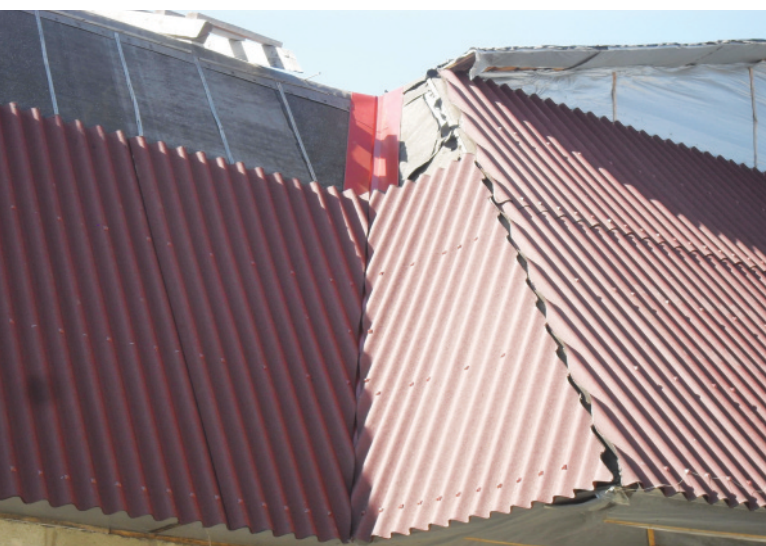
Accessories

Roof Ridge



Width X Length
485 X 100 mm
Packaging
20 pcs. / pack
Weight
3.5 kg / m²

Project References



ASA uPVC Spanish Roofing Tile Sheets



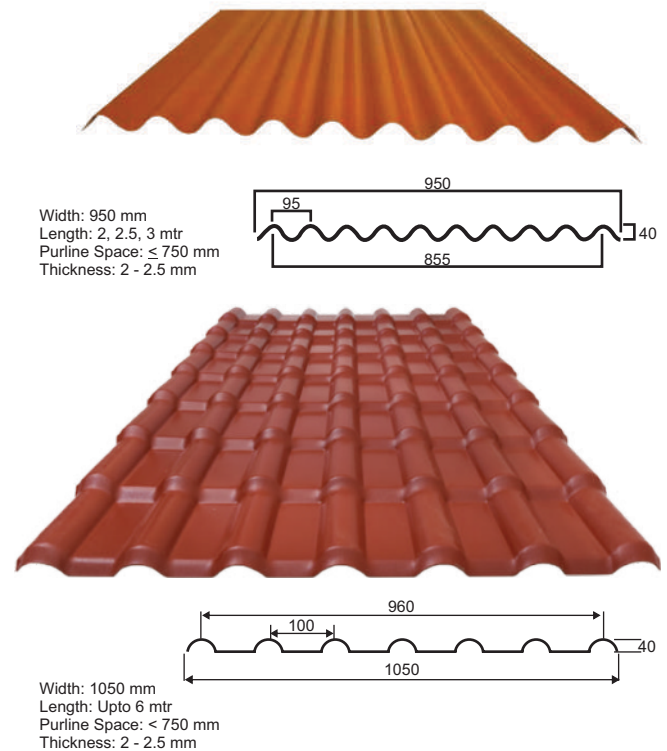
Ondula ASA uPVC roofing sheets are the result of the most advanced technology in the roofing industry.

Ondula ASA uPVC roofing sheets, thanks to its four-layer structure consisting of PVC, ASA and insulation layers, are manufactured for those who want their roof to last for life.

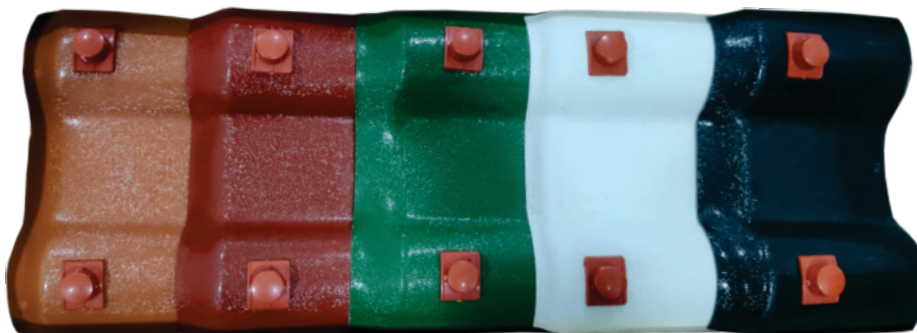
While providing the builders a modern and progressive outlook, uPVC roofing sheets also resists physical and atmospheric impacts of utmost level.

Ondula ASA uPVC roofing sheets are suitable to use on any kind of roof, and they stand out with properties such as light weight ease of installation and ability to use without any maintenance.

The surface layer, coated with ASA, provides a further insulation and therefore an economic gain compared to all other alternatives which require extra insulation materials.



Color Chart



Terracotta

Red

Green

White

Grey

Accessories



TOP RIDGE



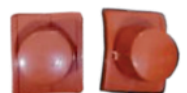
TOP RIDGE



HEADWALL FLASHING



SIDE RIDGE



CAPS



BARGE BOARD



EAVE TILE



3-WAY RIDGE



VALLEY GUTTER



SIDE ENDING RIDGE

Project References

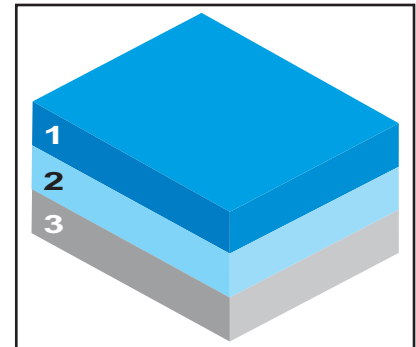


Multilayer uPVC Roofing Sheets

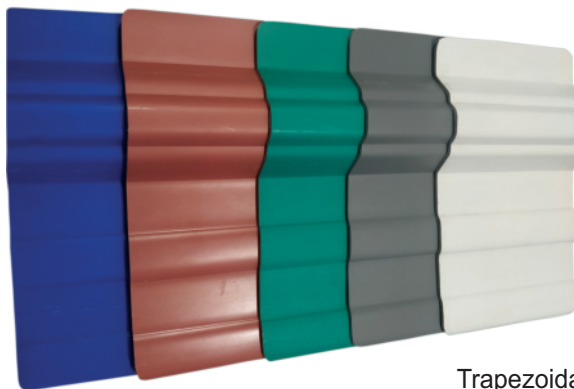


Material Structure

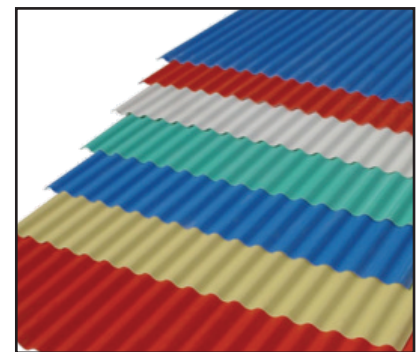
1. Surface Layer - The material is ultra-weather resin, to block the solar ultra violet and reduce the coefficient of heat conductivity, ensure product durability and resistance to chemical corrosion.
2. Surface Intermediate Layer - contains Multi foam giving to the material light weight and improved sound and thermal insulating properties.
3. Underlying layer - for just a good material toughness special to ensure the strength at the same time, increase the rigidity and light illumination.



Layer Image



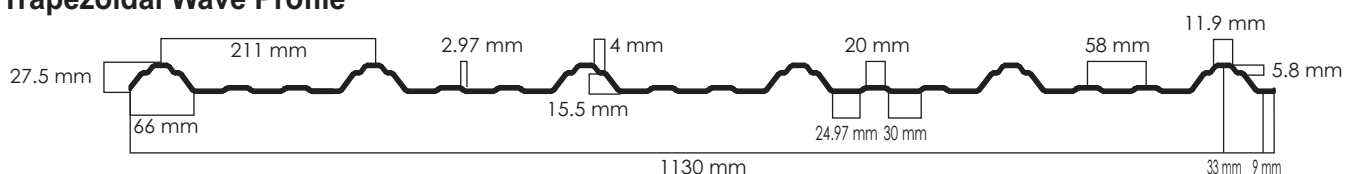
Trapezoidal Profile



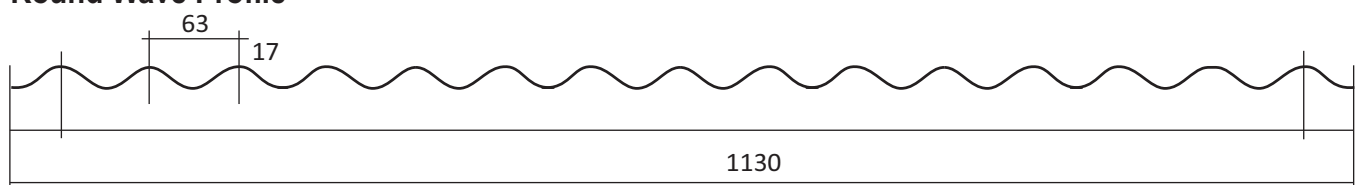
Round Profile

Profile Name	Thickness (mm)	Width (mm)	Standard Length	Color
Trapezoidal Wave Profile	1.5, 2.0, 2.5, 3.0	1130	Upto 6 m	Blue, White, Green, Gray, Terracotta
Round Wave Profile	1.5, 2.0	1130	Upto 6 m	Blue, White, Green, Gray, Terracotta

Trapezoidal Wave Profile



Round Wave Profile



Project References



www.ondula.in



Corporate Office:

Plot #1, Khasra #349, 100 Foot road
Ghitorni, New Delhi-110030 (India)
Ph: +91-8181812648
Email: info@ondula.in

Regional Office :

418, 6th B Cross, 6th Block
Koramangala
Bangalore- 56009 (India)
Ph: +91-9844173073