



TECHNICAL AND INSTALLATION

ONDUMIT

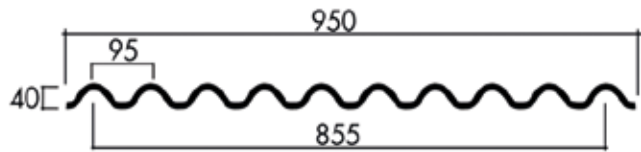
PLUS SERIES

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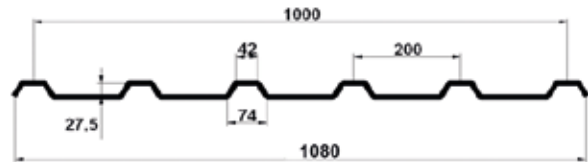
ONDULE

Width: 950 mm
 Length: 2-2,5 -3,4 m
 Purline Space: ≤800 mm
 Thickness: 2,2 - 2,5 mm



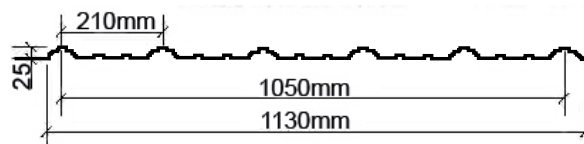
T - 1080

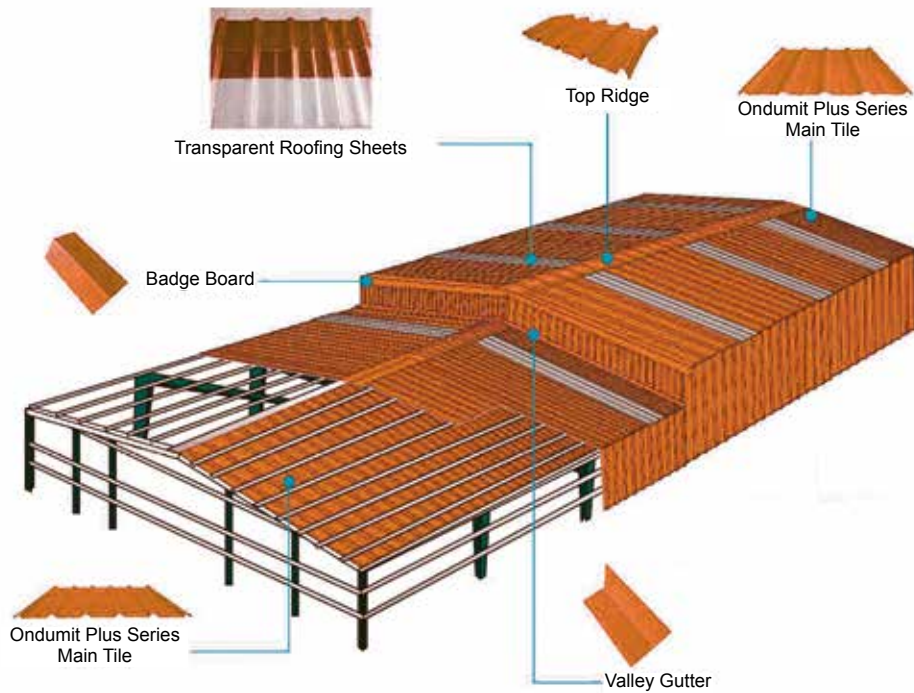
Width: 1080 mm
 Length: Customize
 Purline Space: ≤800 mm
 Thickness: 2,2 - 2,5 mm



T - 1130

Width: 1130 mm
 Length: Customize
 Purline Space: ≤ 800 mm
 Thickness: 2,2 - 2,5 mm





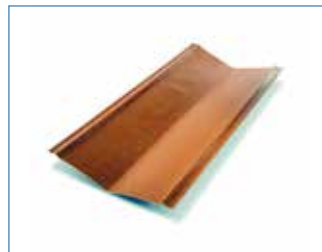
ACCESSORIES AND FITTINGS



Top Ridge



Top Ridge



Valley Gutter



Badge Board

APPLICATIONS

- Industrial Buildings
- Fertilizer
- Ranch
- Sports facilities
- Garages
- Bazaar Palace
- Chemical
- Chlor - Alkali



Pvc
Waterproof Ring

Self - Tapping
Screw



Caps



Saddle

PLUS SERIES PRODUCT FEATURES



Perfect Sound and Heat Insulation

Ondumit sheets insulate rain sound perfectly even under stormy weathers. With a very low thermal conductivity rate of 0,19W/mK they insulate the buildings without the need for extra insulation materials.



Fireproof and Nonflammable

Ondumit sheets are in the B1 flammability class. When contacted to flame, they don't ignite and spread it. They are self extinguished as soon as the contact with the flame source is cut. Ondumit increases the building safety compared especially to the materials containing bitumen.



Protection against Water and Humidity

Ondumit sheets have just a 0.02% of water absorption rate. Without the need for any extra material, they insulate the building against water.



Nondeformable in Acidic Environment, Non-corrodible

Ondumit sheets don't react with salt, alkali, and acids under 60% concentration.



Transportation and Installation are Cheaper and Easier

Ondumit's lightweight and panel shaped structure creates advantages through all steps from transportation to installation. More than 5000sqm of Ondumit can be carried in a single container. Ease of installation also decreases labor costs by saving time.

PLUS SERIES PRODUCT FEATURES

Warranted for 30 Years against Atmospheric Conditions. Fit for All Climates

ASA, produced by Samsung, which covers the surface of Ondumit sheets, provides perfect resistance both to sunlight and frosting. Ondumit sheets are warranted for 30 years against atmospheric conditions.



Light Weight

The weight is 5 kg per square meters. Belonging to light structural material, it can effectively reduce the load of the building and save the consumption of building framework materials. In the mean time, it is easy to be handled and lifted, which reduces the construction cost.



Long Lasting Color Stability and Physical Resistance

Thanks to PVC and ASA raw materials in it, Ondumit is perfectly resistant to both colour and shape deformations. No such deformation was observed during the tests ranging from -40°C to +94°C.



Resistant to Impacts. Don't Break or Crack.

No breaking or cracking were observed during a test while which a 25 kg weight was dropped onto an Ondumit sheet which had been installed with a purlin space of 1m.

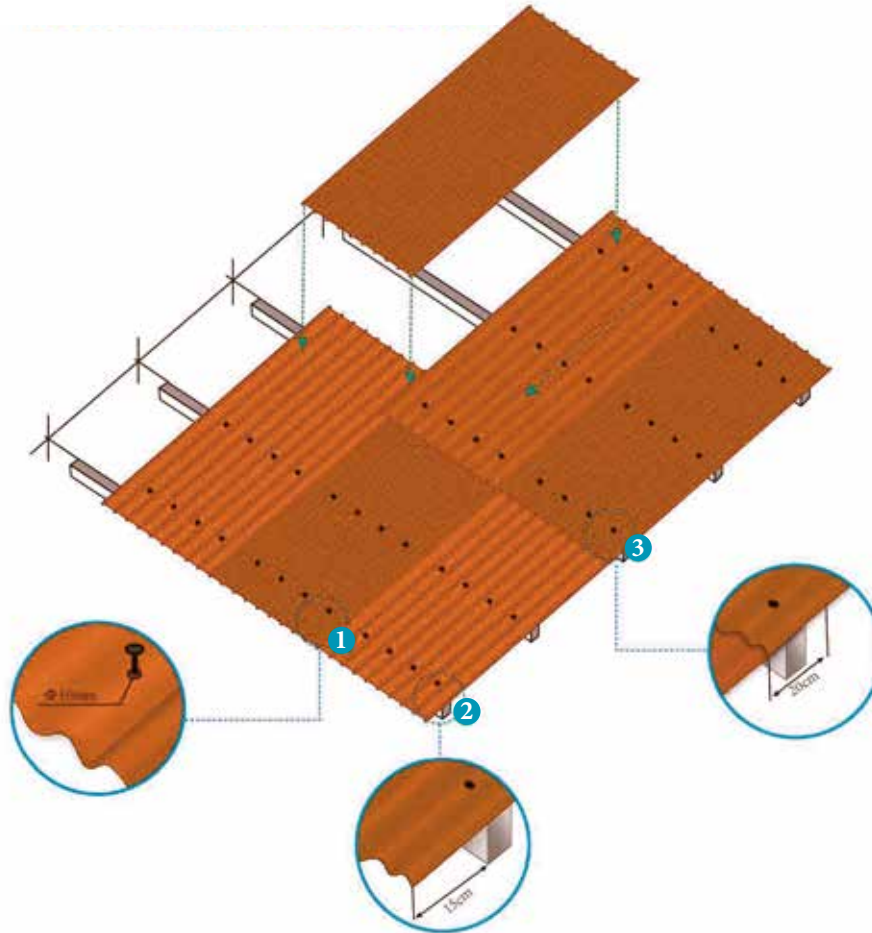


Highest Load Capacity

Ondumit sheets, among all other alternatives, has the highest load capacity. They can carry more than 600kg of spread weight on a sqm.



INSTALLATION GUIDELINE



1- In order to allow normal linear heat expansion of the sheets, it is necessary to pierce the sheet with a Ø 10mm drill bit, then fasten the sheets with Ø 6.3mm fittings. We advise you not to use direct fixings without piercing the sheets with self perforating screws because doing so prevents any dilatation of the sheet. Do not use a hammer to put the screws in.

Original Ondumit supplied fixings must always be used.

2- The overhang is 15cm from the bottom purline.

3- The vertical overlap is at least 20 cm, and fittings must be fixed on every peak of wave.

4- Considering the safety problem, it is only allowed to walk on the purlins during installation and maintenance, while not walk directly on the roofing sheet.

5- Installation work can not be processed when temperature below -5°C, or in rainy, snowy or heavy windy weather.



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