

Fire Resistant New
Generation Roof Sheathing
Board
A1 Non-Combustibility Classification



tepePAN Roof®

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It reserves the right to change all kind without prior notice.



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tepePAN Roof®

From The Master Of Cement Board
New Generation Roof Sheathing Board



GENERAL INFORMATION

tepePAN Roof®, is a roof sheathing board which has high bearing capacity and resistant to water,moisture,mold consisting of a mixture of cement and fiber with A1 fire resistance classification.



A1 Non-Combustibility classification. With high fire resistance it is safely used in several different projects (residence,hospital,school,otel,etc) which includes adjacent and high-rise, low-rise buildings.



It is environmentally friendly. With its natural content does not include unhealthy carcinogenic substances as asbestos etc.There is no toxic gas emission.It contributes energy efficiency.



It is resistant to water and moisture. If it is exposed to weather conditions while roofing applications, it protects its product properties.



It has high bearing capacity.



It is easy and fast to use with its different dimensions and lightweight.



It is easy to cut and process. It is cut easily by diamond blade saw.

Standard Dimension (mm)

Products	Appearance	Fire Classification	Thickness	Standard Production Dimensions (mm)	Avg. Dry Weight (kg/m³)
tepePAN Roof®	Smooth	A1	13	610 x 2440 1220 x 2440 1250 x 2500	14,95

Customized dimensions are possible by cutting the standard production size boards in desired width and length.

Technical Specifications

Density (Dry)	1150 ± 75 kg/m³
Bending Strength	≥ 7 N/mm²
Modulus of Elasticity	≥ 4500 N/mm²
Strength Class	Category A, Class 2
Fire Classification	A1 (EN 13501-1)
Screw Pull Out Resistance	932 N (TS EN 320)
Mold Growth	No
Water Tightness	It is water tightness according to TS EN 12467
Edge Type	Square Edge



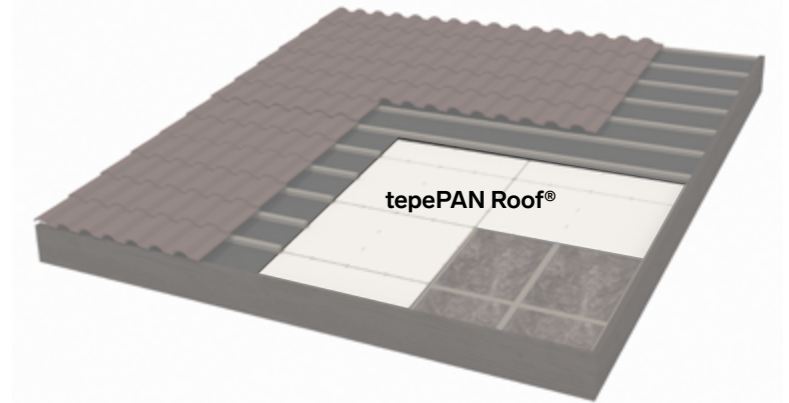
Shipping Density (wet) : 1350 +- 100 kg/m³

Application

Long-side of the boards with standard production dimension should be placed in right angle on bearing profiles. tepePAN Roof® are fixed on the profiles with corrosion resistance screws by keeping 5mm joint between boards.

Before the screwing process, drilling a pilot hole make it easier.

Should not walk onto tepePAN Roof® boards which are not stabled to load bearing profiles. During the application, must be moved along the screwing line.



Most Distributed Loads According to L/150 (kg/m²)							
	Loadbearing System (Rafter, purline) Axis Distance, L (cm)						
	30	35	40	45	50	55	61
	1917	1207	809	568	414	311	240

Axis distance of the bearing roof profiles is shown for 13 mm tepepan on above table.