

PHONOWOOD 12 mm



VANTAGGI

Totally natural

DESCRIPTION

Ecological thermo-acoustic panel with density 230 Kg / m³ produced wet with coniferous wood residues from the decortification of the logs and from the waste from sawmills.

The product allows water vapor to migrate outwards, creating a healthy and biologically perfect environment in the inhabited rooms.

The production of the material takes place by boiling and pressing, thus allowing the use of artificial glues not to be used.

The panel is resistant to mold and insects as well as being durable over time, allowing insulation from noise and protecting from summer heat and winter cold.

SIZE

Thickness	mm	12 mm
Format	Panel	1,20 x 1,42 m
Packaging	Pallet	170,4 m ²
Weight	Kg/m ²	2,76 Kg/m ²

TECHNICAL DATA

Thermal conductivity	λ	0,048 W/mK	DIN ISO 13171
Density	ρ	230 Kg/m ³	DIN ISO 9002
Vapor diffusion resistance factor	μ	5	DIN EN 12667
Specific heat	c	2100 J/(Kg*K)	DIN EN 10456
Reaction to fire	Class	E	DIN EN 1350-1
Dimensional tolerance	IT	+/- 1,5 mm	EN 822
Thickness tolerance	IT	+/- 10%	
Compressive strenght	σ_c	100 kPa	EN 826
Tear resistance	σ_{st}	≥ 10 kPa	EN 826

ATTENTION: This document is not a specification. It will be the user's responsibility to establish whether the product is suitable for the intended use.

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