

TRADITERM CORK PANEL

Natural expanded cork agglomerate

DESCRIPTION

Natural expanded cork agglomerate used as thermal-acoustic insulation in the Traditerm Nature System (EWI/ETICS), suitable for both new buildings and restoration work. This product is suitable for the TRADITERM® exterior thermal insulation systems. It gives a 100% natural insulation and highly breathable. The range of thicknesses that provide different levels of insulation. Its a light and workable material, also easy to cut.

TECHNICAL CARACTERISTICS

ADVANTAGES AND USES

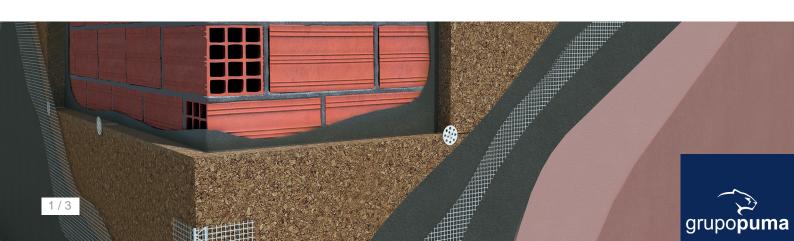
Natural cork

- Traditerm Nature external thermal insulation system (EWI/ETICS).
- 100% natural insulation.
- Thermal insulation.
- Acoustic insulation.
- Highly breathable.
- Light and workable material.
- · Easy to cut.
- Range of thicknesses that provide different levels of insulation.

APPLICATION PROCEDURE

- The panels are fixed to the substrate with Traditerm mortar adhesive, previously applied with a notched trowel.
- The panels are installed in an offset position (25 cm minimum interlocking between the vertical joints of the panels).
- In the event of not being able to smooth unevenness between panels by sanding, it is essential to control the surface flatness when applying the finishing coat.
- Position fixings in the panels, 8 units per m2. The upper part of the fixing should be inserted some mm inside the panel. Next use Traditerm mortar to level the surface of the insulation panel.
- Finally apply finishing coat to the Traditerm panels, that have been reinforced with Traditerm meshing.

RECOMMENDATIONS



EIFS/ETICS

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- · Avoid exposure to direct sunlight while applying and finishing with Traditerm mortar.
- To fix the panels, spread Traditerm mortar over the surface of the panel and comb with a notched trowel, removing the excess mortar from the joints (of approx 2 cm) to avoid any adhesive protruding between the panels when pressed to prevent thermal bridging.
- When installing the panels to the substrate, carefully control the flatness.
- Reinforce all the corners of the panel with reinforcement profiles from the Traditerm System (EWI/ETICS).
- In areas exposed to impact, strengthen the panels with a double layer of Traditerm mesh.
- Do not align panel joints on window recesses and corners of openings to prevent the appearance of cracking.
- Strengthen these joints with mesh strips of 20 x 40 cm placed diagonally and fixed with Traditerm mortar.

PACKAGING AND STORAGE

TECHNICAL DATA

The panels should be stored in a dry place, protected from the rain and sun. This product is considered as non-hazardous for transportation.

PROPERTY	PROPERTY	TECHNICAL SPECIFICATION HARMONIZED STANDARD EN 13170
Densité nominale (kg/m3)	110	EN 1602
Thermal resistance	Thermal resistance	See table
	Thermal conductivity (m*K)	0.039
	Thickness dL	T1-T2 (d<50mm)
Water permeability	Water absorption	WS
Water vapor	Water vapor transmision	MU20
Compressive strenght	Compressive strenght at 10% deformation	CS (19) 100
Durability of fire performance against heat/weathering, aging/degradation	Durability characteristics	Satisfactory
Durability og thermal resistance against heat/weathering, aging/degradation	Thermal resistance and thermal conductivity	Satisfactory
	Durability characteristics	Satisfactory
Rensile	Tensile strength perpendicular to faces	TR50
Durability of compressive strenght against aging /degradation	Compressive creep	CC (0,8/0,4/10) 5

Declared performance: ICB - EN 13170 - L2 - W2 - T2 - CS(10)100 - TR50 - WS - MU20 - CC(0,8/0,4/10)5 - AFr35

LEGAL DISCLAIMER

The instructions for use are given according to our tests and knowledge and do not imply any commitment by GRUPO PUMA nor free the consumer from the examination and verification of the products for their correct use. Claims must be accompanied by the original packaging to allow a proper traceability.

GRUPO PUMA is not responsible, in any case, for the application of its products or constructive solutions carried out by the application company or other parties involved in the process and / or execution of the work, limiting the responsibility of GRUPO PUMA exclusively to the damages directly attributable to the supplied products, individually or integrated in systems, due to failures in their manufacturing process.



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In any case, the drafter of the work project, the technical management or the person responsible for the work, or collaterally the application company or other parties involved in the process and / or execution of the work, must ensure the suitability of the products addressing the characteristics of them, as well as the conditions, support and possible pathologies of the work in question.

The values obtained by GRUPO PUMAS's products or its constructive solutions that, as the case may be, are determined by the EN standards or any other regulation that applies to it in each case refers exclusively to the conditions specifically stipulated in said regulation and that are referred to, among others, to certain characteristics of the support, humidity and temperature conditions, etc. without being them required in the tests obtained under different conditions, all in accordance with the relevant regulation.

