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

Natural cork

ADVANTAGES AND USES

- 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

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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

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

TECHNICAL DATA

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

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