


EXPANDED CORK AGGLOMERATE

TECHNICAL DATA SHEET

ICB products	
Density	From 100 to 120 kg/m ³
Thermal conductivity coefficient	From 0,037 to 0,040 W/mK
Thermal diffusion	1,4x10 ⁻⁷ / 1,9x10 ⁻⁷ m ² /s
Tension to stress	From 1,4 to 2,0 kg/cm ²
Tension to compression at 10%	From 1,4 to 2,0 kgs/cm ²
Elasticity	≥100 Kpa
Permeability to steam	386ng/Pa.sm ²
Resistance to the diffusion of steam	μ = 7 to 14
Fire class	E (s1, d0)
Fire class (ETICS system)	B (s1, d0)

Usage temperature	-180°C to +140°C
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Dimensions of the boards	
Length x width	1000 x 500mm
Thickness	10 to 300mm

Certifications	
Certification / Normalization	CE EN 13170
Emissions to the interior air	
Certification	FSC – Forest Stewardship Council
Environmental Declaration of the Product –DAP Habitat	

- Excellent thermal, acoustical and vibrations insulator, with high elasticity;
- 100% natural Product – The cork agglutination process made without synthetic bonding agents, only overheated water steam is used;
- Eco-friendly Product – Low energy consumption (over 90% of the energy consumed is biomass), the cork forest consumes 5% of the CO₂ produced in Portugal;
- Sustainable Product – Renewable raw material, 100% recyclable.