

# BIOCORK cm 1

## DATA SHEET



NATURAL PRODUCT



SOUND INSULATION



RENEWABLE RAW MATERIAL



## PHYSICAL CHARACTERISTICS

Material	Blond cork's panel high density
External dimensions	1000 ± 5 X 500 ± 5 mm
Available thickness	10 mm ± 2 mm
Packaging	Cardboard boxes with 20 panels 10 m <sup>2</sup> for each box; 240 m <sup>2</sup> for each pallet

## TECHNICAL CHARACTERISTICS

Density	300 / 400 Kg/m <sup>3</sup>
Thermal conductivity	$\lambda = 0,049 \text{ W/mK}$
Steam permeability	0.002 – 0.006 g/m.h.mmHg
Reaction to fire	Class E (EN 13501-1)
Compressive strength	5,2 Kg/cm <sup>2</sup>

## APPLICATIONS

It is used in the cavity of perimeter walls and partitions, in roofs, for the realization of internal and external cladding system, in the subfloors of terraces and walkable floors, stairwells as an excellent thermo-hygrometric and acoustic insulation for airborne and footfall noise. Suitable for coat applications in the construction and renovation of healthy and low energy buildings.

## ADDITIONAL INFORMATION

Natural Product (98%);

Excellent dimensional stability;

No putrescibility;

Extremely durable material;

Odorless, Indigestible for insects and rodents;

Free from toxic emissions and bad odors;

Excellent dielectric characteristics, unlike other synthetic insulators, is able to provide well-being and a healthy environment;

Thanks to its vapor permeability it prevents the formation of condensation and mold; ideal in its simultaneous combination of thermal and acoustic insulation.



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