

# Underfloor NATURACORK

## USP'S

- > PREVENTS MOLD GROWTH
- > HIGH DURABILITY AND LONG TERM RESILIENCE
- > INCREASES FLOOR THERMAL INSULATION
- > 100% NATURAL AND SUSTAINABLE PRODUCT

## PRODUCT DESCRIPTION

Agglomerated Cork Underlay for Impact Noise and Thermal Insulation of Floating Floors

## ACOUSTIC PERFORMANCE (ISO 140 & 717)

' $\Delta L_w$  = 20dB (EPH MFPA Leipzig P4.2/08 - 176)

## THERMAL PROPERTIES (ISO 8301)

Thermal Conductivity: 0,038 W/m<sup>2</sup>K

Thermal Resistance: 0,053 m<sup>2</sup>K/W

## PHYSICAL AND MECHANICAL PROPERTIES (ISO 7322)

Specific Weight: 150-200 Kg/m<sup>3</sup>

Tensile Strength: > 200 KPa

Compression: 30%

Recovery: > 90%

Durability: Lifetime of the Building

## PACKAGING\*

1 x 10m x 2 mm

\*other sizes available upon request



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## INSTRUCTIONS

### > General Installation Instructions

The following installation instructions are recommended by Amorim Cork Composites, S.A. but are not intended as a definitive project specification. These instructions should be interpreted and applied according to the recommended installation procedures of the flooring manufacturers.

### > Room conditions

Temperature > 10°C / Room moisture content < 75%.

### > Subfloor Preparation

The subfloor should be structurally solid with no scratches / gaps, leveled and clean & free from residues. The moisture content of the subfloor should not be more than 2.5% (CM).

### > Humidity barrier

A p.e. foil - humidity barrier - covering the entire flooring area, minimum 50mm wide vertically around the perimeter of the entire floor, MUST be installed prior to the **NATURACORK**.

Install, by overlapping (minimum 100mm) the p.e. foil, and use an adequate tape to fix it, if necessary. After conclusion, p.e. foil should cover the entire concrete area without gaps.

Never, mechanically, fasten the p.e. foil barrier with screws, nails or staples, as this will severely decrease the isolation barrier performance.

### > Installations Instructions for NATURACORK

Unpack the **NATURACORK**, at least, 24h before installation and store it in the room where the installation will take place.

Cut the **NATURACORK** into the desired length and install directly over the entire floor pulling it 50mm up the walls, following the p.e. foil, with crown of the rolled materials up (Underfloor label side down), removing all trapped air.

After finishing, the **NATURACORK** should cover the entire flooring area without gaps, with joints tight and preferably taped.

### > Final Flooring

Always follow manufacturers recommended installation instructions.

### > Important notes

Never, mechanically, fasten the **NATURACORK** to the flooring floor as this will severely decrease its acoustical value.



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