



NATURE'S IMPACT NOISE REDUCTION UNDERLAY

Installed Directly under the Final Floor
High Walking Comfort with Reduced Thickness
High Durability and Long Term Resilience
100% Natural and Sustainable Product



PRODUCT DESCRIPTION

Agglomerated Cork Underlay
for Impact Noise and Thermal
Insulation of Hardwood Floors.



THERMAL PROPERTIES (ISO 8301)

Thermal Conductivity:
0,038 W/m°K
Thermal Resistance:
0,079 m²°K/W



PHYSICAL AND MECHANICAL PROPERTIES (ISO 7322)

Specific Weight: 150-200 Kg/m³
Tensile Strength: > 200 KPa
Compression: 30%
Recovery: > 90%
Durability: Lifetime of the Building



ACOUSTICAL RESULTS (ISO 140 & 717)

$\Delta L_w = 26\text{dB}$
(SRL C/06/5L/3676/1a)



PACKAGING*

1m x 15m x 3mm
* Others sizes available upon request



AMORIM

Amorim Cork Composites

AcoustiCORK®
UNDERLAY

15m²

UNDERLAY

T11

Technik Line

Hardwood Floors

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General installation instructions

The following installation instructions are recommended by Amorim Cork Composites, but are not intended as a definitive project specification. They are presented in an attempt to be used with recommended installation procedures of the flooring manufacturers.

Room conditions

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

Subfloor

All subfloor work should be structurally sound, clear and level. The moisture content of the subfloor should not be more than 2.5% (CM) by weight measured on concrete subfloors.

Perimeter insulation barrier

Install a perimeter insulation barrier minimum 35mm wide vertically around the entire perimeter of the room. This is highly recommended in order to avoid lateral propagation of impact noise. Spot adhere the strips to the wall using acrylic glue or a bead of silicone sealant (do not forget the edges of pipes, ducts, etc). Before the installation of the skirting boards, the insulation strips must be leveled (trimmed) to the height of the wood.

Installations instructions for AcoustiCORK T11

Unpack the AcoustiCORK T11 at least 24h before the installation and store it in the room where the installation will take place. Use a properly sized V-notched trowel and acrylic glue to glue the AcoustiCORK T11 to the concrete slab. Always follow the glue manufacturers recommended instructions.

Cut the AcoustiCORK T11 to the desired length and install directly over the subfloor with crown of the rolled materials up, removing all trapped air. Butt the AcoustiCORK T11 directly against the insulation perimeter barrier already installed. Put the loose laid material back. Using a properly sized V-notched trowel, apply acrylic glue to the concrete slab. Gently, return the pulled back material to its measure place and roll in both directions with a roller. Proceed to cover the entire floor making sure that the joints are butted tight. After completion, the AcoustiCORK T11 should cover the entire flooring area without gaps and with joints securely taped.

Final flooring

Use polyurethane based adhesive. Always follow manufacturers recommended installation instructions.

Important notes

Never mechanically fasten the AcoustiCORK T11 to the flooring floor as this will severely diminish its acoustical value.

For detailed installation instructions, please contact us.



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