



## NATURE'S IMPACT NOISE REDUCTION UNDERLAY

Only One Glueing Operation

Installed Directly under the Final Floor

High Walking Comfort with Reduced Thickness

High Durability and Long Term Resilience



### PRODUCT DESCRIPTION

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



### THERMAL PROPERTIES (ISO 8301)

Thermal Conductivity:  
0,038 W/m<sup>2</sup>K  
Thermal Resistance:  
0,079 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



### ACOUSTICAL RESULTS (ISO 140 & 717)

$\Delta L_w = 18dB$   
(ITeCons ACU 053/10)



### PACKAGING\*

0,5m x 15m x 3mm  
\* Others sizes available upon request



AMORIM

Amorim Cork Composites

**AcoustiCORK**<sup>®</sup>  
UNDERLAY

15m<sup>2</sup>

## NATURE'S IMPACT NOISE REDUCTION UNDERLAY

### 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.

# UNDERLAY

# T31

## Technik Line

## Hardwood Floors

### Installations instructions for AcoustiCORK T31

Unpack the AcoustiCORK T31 at least 24h before the installation and store it in the room where the installation will take place. Cut the AcoustiCORK T31 to the desired length and install directly over the subfloor. Butt the AcoustiCORK T31 directly against the insulation perimeter barrier already installed. Apply suitable polyurethane glue in all perforated areas of the AcoustiCORK T31 in the amount recommended by the manufacturers.

### Final flooring

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

### Important notes

Never mechanically fasten the AcoustiCORK T31 to the flooring floor as this will severely diminish its acoustical value.

For detailed installation instructions, please contact us.

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