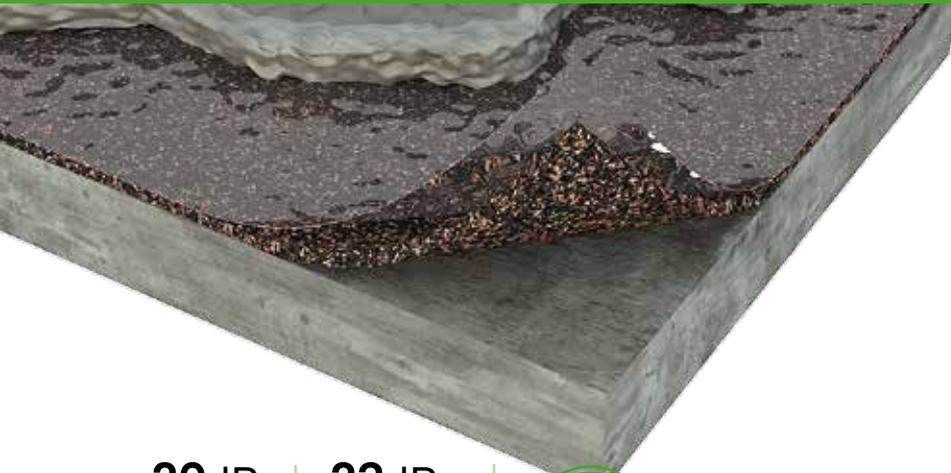


UNDERSCREED

Agglomerated cork and recycled PU.

U85

FLOATING SLAB



20dB



CONCRETE SLAB

23dB



WOOD JOIST SLAB

10m²

100% RECYCLED CORK AND
PU UNDERSCREED.

Increases Floor Thermal Insulation

Very Easy to Handle and Long Term Resilience

100% Recycled Product

Very Flexible



PRODUCT DESCRIPTION

Agglomerated cork with Recycled PU for Impact and Airborne Noise Insulation of Floating Slabs.



ACOUSTICAL RESULTS (ISO 140 & 717)

$\Delta L_w = 20dB$
(ITECONS ACU 103/12)

$\Delta L_w = 23dB$
(ITECONS ACU332A/12)



THERMAL PROPERTIES (ISO 8301)

Thermal Conductivity:
0,045 W/m²K

Thermal Resistance:
0,111 m²°K/W



STANDARD DIMENSIONS*

1m x 10m x 5mm

* Others sizes available upon request



PHYSICAL AND MECHANICAL PROPERTIES (ISO 7322)

Surface Weight: 1,5 Kg/m²
Dynamic Stiffness: 65 MN/m³
Tensile Strength: > 200 KPa
Recovery: > 90%
Load Bearing: up to 3.000 Kg/m²
Durability: Lifetime of the Building



Reinventing how cork engages the world.

www.acousticork.eu

www.amorimcorkcomposites.com



AMORIM
CORK COMPOSITES

U85

FLOATING SLAB

20dB



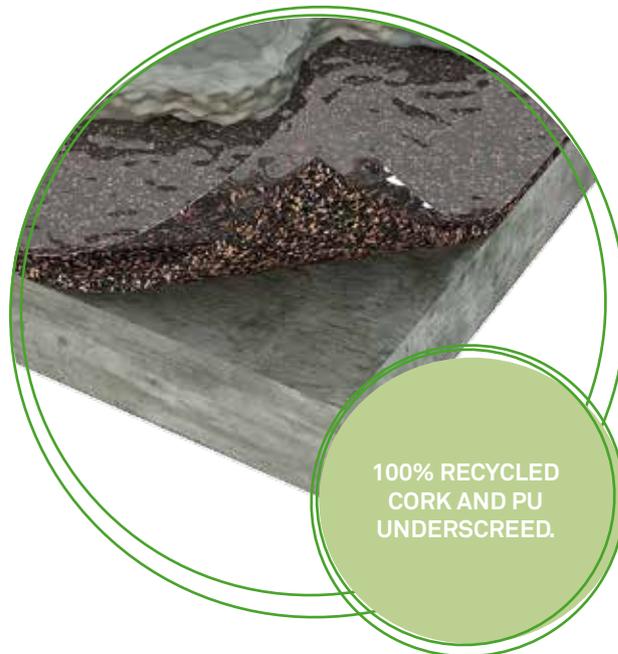
CONCRETE SLAB

23dB



WOOD JOIST SLAB

10m²



100% RECYCLED
CORK AND PU
UNDERSCREED.

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 and screed.

Room conditions

Temperature > - 5°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 vertically around the entire perimeter of the room with width equal to that of the floor build up. 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).

Installation Instruction for ACOUSTICORK U85

Unpack the ACOUSTICORK U85 at least 24h before the installation and store it in the room where the installation will take place. Cut and trim the ACOUSTICORK U85 to the desired length and install directly over the subfloor with crown of the rolled materials up (removing eventual trapped air).

Butt the ACOUSTICORK U85 directly against the insulation perimeter barrier already installed. Proceed to cover the entire floor making sure that the joints are butted tight.

After completion, the ACOUSTICORK U85 should cover the entire flooring area without gaps and with joints securely taped. An waterproof membrane (ex. pe. foil) minimum 0.2mm covering the entire flooring area MUST be installed prior to the screed. Install it, minimum 150mm wide vertically and overlapping it, minimum 100mm (use an adequate tape to fix it). After completion, the insulation vapour barrier should cover the entire ACOUSTICORK U85 area without gaps. Never mechanically fasten the ACOUSTICORK U85 and/or the p.e. foil barrier with screws, nails or staples as this will severely diminish the performance of the insulation barrier.

Screed and final flooring

Cast a suitable screed over the loose laid pe foil previously installed over de product.

Always follow manufacturers recommended installation instructions.

For detailed installation instructions, please contact us.