

ΔL_w 20 dB

30% radiated walking sound reduction in the room where the sound is emitted

In compliance with the EN 16354 norm

insulSound Ultra+

Professional acoustic underlay

HIGH-PERFORMANCE AND QUALITY, TO BE USED UNDER PARQUET FLOORINGS

Applications

- UNDER FLOATING PARQUET FLOORING:
 - LAMINATES
 - SEMI-MASSIVE FLOORING
 - ...

Benefits

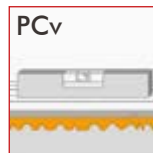
- Reduction of the parquet flooring radiated walking sound
- Reduction of the impact noise transmission between floors
- Extremely robust, does not break during installation
- Integrated adhesive overlap
- Parquet flooring protection thanks to a humidity barrier
- Resistant against perforations, withstands punctual loads
- Made for click systems
- Compatible with floor heating installations



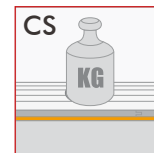
Reduction of impact noises :
 ΔL_w 20 dB⁽¹⁾
EN ISO 10140-3 / EN ISO 717-2



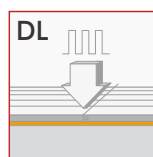
Reduction of reflected walking sound
30%⁽¹⁾
SAAG WS 021029-5 F1



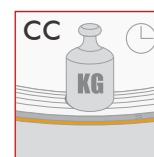
Compensation for floor unevenness :
1,4 mm
CEN TS 16354: 2013-12



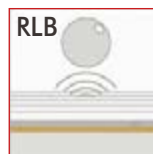
Compressive strength
 ≥ 140 kPa
EN 826



Dynamic load :
0.1-25 kPa
 $c \geq 200.000$
 $\Delta d \leq 0,5$ mm
EN 13793



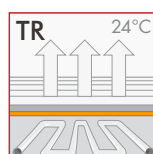
Excellent creep behavior over time :
 ≥ 30 kPa
Max 0,5 mm (10 years)
EN 1606



Resistance to impact by large diameter ball. :
1,0 m
EN 13329 Annex F
EN 438 Chapter 21



Efficient protection against damp :
SD = 120 m
EN 12086



Suitable for underfloor heating :
R = 0,045 m²K/W
EN 12667 / EN 12664



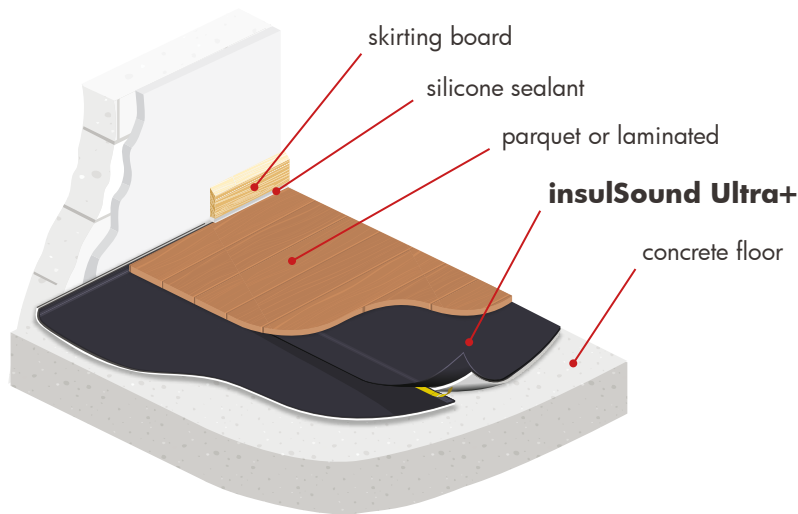
Reaction to fire :
E_{fl} class
EN ISO 11925-2 ; classification EN 13501-1, Table 2

insulSound Ultra+

Description

insulSound Ultra+ is the new revolutionary high performance underlay for wood floor finishes including laminates and parquet. insulSound effectively reduces the impact sound transfer between floors as well as diminishes the resonance of sound from someone walking over the wooden flooring.

insulSound Ultra+ is easy to install with lasting durability due to its untearable top film of HD-PE. This self-adhesive overlap system provides smooth flat joints to maintain a complete seal and water-tight joint where the insulSound layers overlap. Being watertight, insulSound Ultra+ will provide an adequate level of moisture protection for your wooden floor finish.



Installation instructions

1. Preparation of the floor:

The floor will need to be smoothen and carefully brushed.

2. Underlay installation:

Unroll the insulSound Ultra+, with the grey foam side down and the black film up. Cut the underlay levelled with the wall with a good cutter blade. Lay the foam edge to edge and adjust the overlap on the double sided adhesive with the opposite strip. Release the yellow protection band and make the final junction.

3. Wood flooring installation:

When laying the laminate or parquet flooring it is important that this does not make contact with the adjacent walls in order to prevent flanking sound transfer.

4. Finishing works:

Attach the plinth/skirting board to the adjacent wall slightly higher than the wood flooring finish, leaving a small gap which is to be filled with a flexible acoustic sealant.

insulSound Ultra+ has been tested in accordance with the last European Norm regarding the acoustic underlays for floating parquets.

insulco sprl • Z.I. Sud (1) • Rue Buisson aux Loups, 1a • 1400 Nivelles • BELGIUM
Phone : +32 67 41 16 10 • Fax : +32 67 41 16 16 • insulco@insulco.be
Website : www.insulco.eu

All information provided is the result of studies and experience. It is communicated in good faith, but may under no circumstances constitute a guarantee on our part, nor engage our liability, even if the rights of third parties are violated. Responsible publisher : insulco sprl, rue Buisson aux Loups 1a, 1400 Nivelles - BELGIUM. Edition 11/2019



Characteristics

Material: High density polyethylene foam + watertight PE film

Thickness: ±2 mm*

Flat overlaps included

Acoustic insulation: ΔL_w 20 dB¹⁾

Reduction of walking sound: up to 30% in the room where the sound is emitted¹⁾

R value : 0,048 m²K/m

Fire resistance: E_{fl} class

Color : black (film) & grey (foam)

Weight of a roll: ± 7,5 kg

Roll size:

15 m x 1 m (+5cm self adhesive strip)

Palet : 20 rolls = 300 m²

*Tolerance 10%

1) Tested under a 7 mm parquet flooring



insulco
insulation products