

PAVICORK



Description

Pavicork is an acoustic insulation material obtained from the agglomeration of cork and SBR rubber granules with polyurethane adhesive.

Applications

Pavicork is ideal for sound and thermal insulation of floating floors. It can be easily installed under the concrete screed in commercial, industrial and residential buildings as impact sound insulation underlay.

Benefits



Produced with 95% recycled rubber and cork



During installation gloves and masks are not required



Respect the environment



Does not rot in humid environments



Exceptional acoustic and thermal insulation



Resistant to moth attack



The high performances remain unchanged over time



Low CO₂ emissions from transport: the raw materials are available on our territory



Does not irritate the skin of those handling it like mineral wools often do

Acoustic characteristics

Footstep noise reduction (ISO 717-2)

$\Delta L_w = 17$ dB (3 mm)

$\Delta L_w = 19$ dB (5 mm)

$\Delta L_w = 20$ dB (6 mm)

$\Delta L_w = 22$ dB (10 mm)

$\Delta IIC = 18$ dB (3 mm)

$\Delta IIC = 20$ dB (5 mm)

$\Delta IIC = 21$ dB (6 mm)

$\Delta IIC = 23$ dB (10 mm)

Calculation with a 6cm, 100 kg/m² sand-cement screed

Technical data

PAVICORK	SPECIFICATIONS	VALUES
POLYMER BASE		SBR + CORK
COLOUR		BLACK
DENSITY		700 kg/m ³ ± 5%
THICKNESS		3 - 13 mm
REACTION TO FIRE	DIN 4102	B2
TENSILE STRENGTH	UNI EN ISO 1798	> 0.8 MPa
ELONGATION AT BREAK	UNI EN ISO 1798	> 35 %
COMPRESSIBILITY LEVEL	UNI EN 12341	CP2 for all thick. (load on screed ≤ 5.0 kPa = 510 kgf/m ²)
SERVICE TEMPERATURE		-40 +110 °C
THERMAL CONDUCTIVITY λ	UNI EN 12667	0.12 W/mK

Always request the **GENERAL INSTRUCTIONS FOR LAYING MATERIALS** and the **CONDITIONS OF SALE OF MAPPY ITALIA'S PRODUCTS** before any order.



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