

## PAVISOL



### Description

Pavisol is a 730 kg/m<sup>3</sup> flooring underlay manufactured from recycled rubber granules. Standard dimensions: nominal thickness from 3 mm to 10 mm; roll width: 1000 mm; roll length depending on the thickness.

### Applications

Pavisol is the ideal product for acoustic insulation of horizontal partitions because it is compatible with all types of floor screed. It can be used under floating floors as well as on top of precast concrete slabs.

### Benefits



Produced with 95% recycled rubber



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



100% recyclable



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

### Acoustic characteristics

Dynamic stiffness (UNI EN 29052-1)

$s' = 70 \text{ MN/m}^3$  (3 mm)

$s' = 63 \text{ MN/m}^3$  (5 mm)

$s' = 52 \text{ MN/m}^3$  (8 mm)

$s' = 45 \text{ MN/m}^3$  (10 mm)

**Footstep noise reduction (ISO 717-2)**

- With a 8/9 cm, 1.6/1.8 kN/m<sup>2</sup> sand-cement screed

$\Delta L_w = 24$ dB (3 mm)	$\Delta IIC = 24$ dB (3 mm)
$\Delta L_w = 25$ dB (5 mm)	$\Delta IIC = 25$ dB (5 mm)
$\Delta L_w = 26$ dB (8 mm)	$\Delta IIC = 26$ dB (8 mm)
$\Delta L_w = 27$ dB (10 mm)	$\Delta IIC = 27$ dB (10 mm)

- With a 6 cm, 1 kN/m<sup>2</sup> sand-cement screed

$\Delta L_w = 19$ dB (3 mm)	$\Delta IIC = 20$ dB (3 mm)
$\Delta L_w = 20$ dB (5 mm)	$\Delta IIC = 21$ dB (5 mm)
$\Delta L_w = 21$ dB (8 mm)	$\Delta IIC = 22$ dB (8 mm)
$\Delta L_w = 22$ dB (10 mm)	$\Delta IIC = 23$ dB (10 mm)

**Technical data**

PAVISOL	SPECIFICATIONS	VALUES
POLYMER BASE		SBR
COLOUR		BLACK
DENSITY		730 kg/m <sup>3</sup>
THICKNESS		3, 5, 8, 10 mm
REACTION TO FIRE	DIN 4102	B2
	EN 13501-1	E
COMPRESSIBILITY LEVEL	EN 12341	CP2 for all thick. (load on screed $\leq 5.0$ kPa = 510 kgf/m <sup>2</sup> )
TENSILE STRENGTH		0.5 N/mm <sup>2</sup>
ELONGATION AT BREAK		45 %
SERVICE TEMPERATURE		-60 +200 °C
THERMAL CONDUCTIVITY $\lambda$	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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