

ACOUSTIC UNDERLAY ROLL WITH BREATHABLE PAPER

Product data sheet



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Item number	TDP02500BR24
Density	100 kg/m ³
Raw material	100% wool sustainable, durable, recyclable, without synthetic additives
Application	Floor

PRODUCT DESCRIPTION

- Footfall and impact sound insulation under floating laid floors.
- The original, with soda kraft paper on the upper surface for improved installation.
- Suitable for underfloor heating. Ideal walking comfort.

WOOL PROTECTION

- **IONIC PROTECT**[®] biocide-free wool protection, long-term tested by EAD/CUAP standards and patented procedure.
- Is a slight alteration of the molecular protein structure of the wool fibre through a **plasma-ion treatment**. This specific process is unique as it permanently prevents the wool from being a nutritional source for wool parasites.
- Through the wool protection, our products have an **unlimited shelf-life**.

INSTALLATION

- Full-area installation of the footfall sound insulation with kraft paper on the upper surface.

PROPERTIES



FORM OF DELIVERY

DIMENSIONS*

Width: 250 – 1.000 mm in 50 mm increments (250, 300, 350, 400 mm,...)

Article	kg/m ³	Thickness (mm)	Width (mm)	Lengths (mm)	Item/PU	m ² /PU	PU/Pal	m ² /Pal
TDP	100	3,5	1.000	25.000	1	25,00	22	550,00

*Special width available with thickness 3,5 mm from 200 m² in stripes of 25 lm at no extra charge.

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TECHNICAL DATA

Nature Plus®	0103-1006-099-1
Specific heat capacity c	1760 J/kgK
Dynamic stiffness as per ÖNORM EN 29052-1	50,7 MN/m ³
Resonance frequency	59 Hz
Extent of impact sound improvement	bis 21 dB
Sd-value	3,22 m
Suitable for underfloor heating, low thermal insulation resistance	0,1 m ² K/W



ECOLOGICAL PARAMETERS

Compliant with the NaturePlus® Life cycle assessment ISOLENA

Use of non-renewable primary energy without the non-renewable primary energy carriers used as raw material (PENRE [MJ, lower calorific value])	23,44	MJ/kg
Global warming potential Total of GHG emissions and CO ₂ storage (GWP 100 total)	0,83	kg CO ₂ -äquiv./kg
Acidification potential of soil and water (AP)	4,63E-03	kg SO ₂ -äquiv./kg
Potential for the formation of tropospheric ozone (POCP)	8,04E-04	kg C ₂ H ₄ -äquiv./kg
Eutrophication potential (EP)	2,08E-03	kg PO ₄ ³⁻ -äquiv./kg

