

ACOUSTIC UNDERLAY ROLL WITH BREATHABLE PAPER

Product data sheet



Item number
Density
Raw material
Application

TDP02500BR24
100 kg/m³
100% wool sustainable, durable, recyclable, without synthetic additives
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



Sheep wool insulation



Air purification



Humidity regulation



Sound insulation
Fire protection



Sustainable



Wool protection



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 **SOLENA**

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

