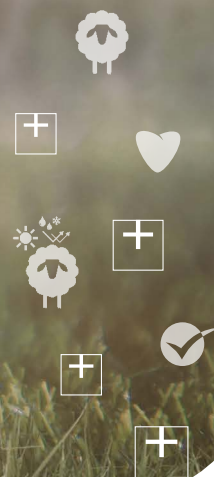


# ACOUSTIC UNDERLAY ROLL WITH BREATHABLE PAPER

Product data sheet



**Item number**  
**Density**  
**Raw material**  
**Application**

TDP02500BR24  
100 kg/m<sup>3</sup>  
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**<sup>®</sup> 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 <sup>3</sup>	Thickness (mm)	Width (mm)	Lengths (mm)	Item/PU	m <sup>2</sup> /PU	PU/Pal	m <sup>2</sup> /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 m<sup>2</sup> 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 <sup>3</sup>
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 <sup>2</sup> K/W



## ECOLOGICAL PARAMETERS

Compliant with the NaturePlus® Life cycle assessment ISOLENA

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



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