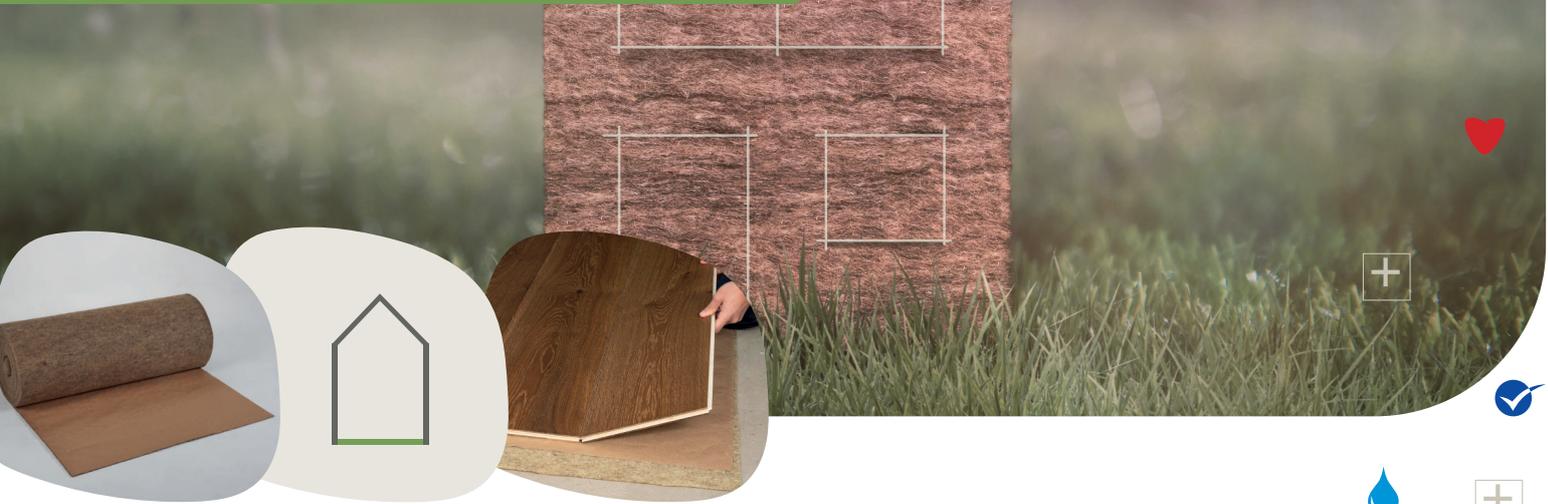




TRITTSCHALLDÄMMUNG

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 the kraft paper on the upper surface.

PROPERTIES



Sheep wool insulation



Air purification



Humidity regulation



Sound insulation
Fire protection



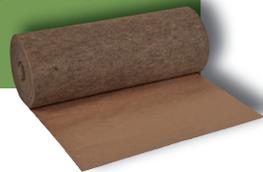
Sustainable



Wool protection

TRITTSCHALLDÄMMUNG

Data sheet



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FORM OF DELIVERY

DIMENSIONS*

Width: 250-1000 in 50mm increments

Article	kg/m ³	Thickness (mm)	Width (mm)	Lengths (mm)	Item /PU	PU m ²
TDP	100	3,5	1000	25.000	1	25,00

Special size* at thickness 3,5mm from 2500m² available

TECHNICAL DATA

Nature Plus®	0103-1006-099-1
Specific heat capacity c	1760 J/kgK
Fire behaviour according to EN 13501-1	C-s2, d0 CH:RF2
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	0,1m 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 CO2 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 -äquiv. / kg

