

Impact sound insulation

100kg/m³

Strongly reinforced wool felt made from 100% shorn sheep's wool, coated on one side with kraft paper, also available without kraft paper

Fitted with pesticide-free tested wool protection **lonic Protect**[®]; long-term test in accordance with CUAP/EAD, Nature Plus certificate, ETA; no foreign supporting fibres or grids

Good impact and structure-borne sound insulation properties for floating floors

Very good walking comfort thanks to the felt's high elasticity

Hygroscopic, yet hydrophobic and thus impervious to moisture that occurs

Sound insulating material for installation over the entire surface beneath floating parquet floors

Application:

Beneath floating parquet, wooden, cork, linoleum or laminate floors

Handling:

Impact sound insulation with kraft paper installed over the entire surface of the top side

Additional Uses:

Healthy ambient air thanks to the air-cleansing action of sheep's wool

Pleasant indoor climate thanks to the moisture-regulating action of sheep's wool

Improves footfall noise by 50%

Improves the extent of impact sound up to 21 dB

Suitable for underfloor heating



Item No.: SD TDP/SD TDOP



Technical Data:

Bulk density:	~100 kg/m ³
Thickness:	3,5 mm
Dynamic stiffness:*	50,7 MN/m ³
Resonance frequency:*	59 Hz
Extent of impact sound improvement:	21 dB
sd value:*	3,22 m
specific heat capacity c:	1760 J/kgK
Underfloor heating suitable, low thermal insulation resistance:	0,1 m ² K/W
Flammability class:	C -s2, do

*MA 39 - VFA 1509.02.97

Included in shipment:

Form of delivery: Rolls in micro-perforated foil

Sheep's wool insulation impact sound insulation width 100cm	Ordering thickness in mm	Length in cm*	Width in cm*
SD TDP	3,5	2500	100
Sheep's wool insulation impact sound insulation without paper 100cm Breite			
SD TDOP	3,5	2500	100
Sheep's wool insulation impact sound insulation width 100cm	Thickness in mm	1 pallet	Total
SD TDP	3,5	20 rolls	500m ²
Sheep's wool insulation impact sound insulation without paper 100cm Breite			
SD TDOP	3,5	20 rolls	500m ²

* Prices and special sizes on request/Delivery time according to delivery schedule or on request

Ecological parameters of ISOLENAWOLLE:

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 -equiv. / kg
Acidification potential of soil and water (AP)	4,63E-03	kg SO ₂ -equiv. / kg
Potential for the formation of tropospheric ozone (POCP)	8,04E-04	kg C ₂ H ₄ -equiv. / kg
Eutrophication potential (EP)	2,08E-03	kg PO ₄ ³⁻ -equiv. / kg

We reserve the right to make technical changes

