

Environmentally friendly insulation system made from natural wood fibres

$\Delta L_{lin} = 10 \text{ dB}$

$IS_{LAM} = 21 \text{ dB}$

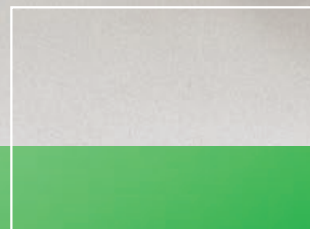
TÜV certified impact sound insulation for laminate flooring



Noise Reduction



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## High performance impact sound insulation for laminate and parquet flooring



### Area of application

Professional impact sound insulation for floating floors with laminate and parquet flooring



- Excellent protection from falling objects
- Achieves a flat finished surface
- High compression resistance of 15 t/m<sup>2</sup> – protects against joint breakages on click systems
- Thermal insulation for cold surfaces
- Durable due to robust fibre structure
- For special floor build ups
- Quick and easy to install and handle



## Packaging STEICO*silent*<sup>+</sup>

Thickness [mm]	Size [mm]	Weight [kg/m <sup>2</sup> ]	Pieces/Pack	Area/Pack [m <sup>2</sup> ]	Packs/Pallet	Weight /Pal. [kg]
10.0	790 * 590	2.6	10	4.66	20	ca. 260

## Characteristic values STEICO*silent*<sup>+</sup>

Produced and supervised according to	EN 13986
Edge design	square edged
Bulk density [kg/m <sup>3</sup> ]	ca. 260
Thermal conductivity $\lambda$ [W/(m*K)]	0.05 (according to EN 13986, chart 1)
Water vapour diffusion resistance factor $\mu$	5
Applied materials	wood fibre, aluminium sulphate
Waste code (EAK)	030105/170201, disposal as wood and wood-based material



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**Notes:** Should be stored flat and dry. Protect edges from damage. Foil packaging should only be removed in a dry environment.

## Technical values according to CEN/TS 16354

Thermal resistance [m <sup>2</sup> K/W]	R	0.20
Punctual conformability [mm]	PC	2.0
Water vapour diffusion resistance [m]	SD	0.05
Dynamic load resistance [cycles]	DL <sub>25</sub>	> 150,000
Compressive strength [kPa]	CS	> 150
Compressive creep resistance [kPa]	CC	> 50
Resistance to impact by large diameter ball [mm]	RLB	> 1,000
Impact sound reduction [dB]	IS <sub>LAM</sub>	21
Reaction to fire accord. to EN 13501-1	RTF	E <sub>fl</sub>
<b>Fulfills minimum requirements of EPLF</b>		<b>Yes</b>

Comprehensive information on installation of STEICO*silent*<sup>+</sup> can be found online at:

[www.steico.com/download](http://www.steico.com/download)



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