

Environmentally friendly insulation system made from natural wood fibres

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

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

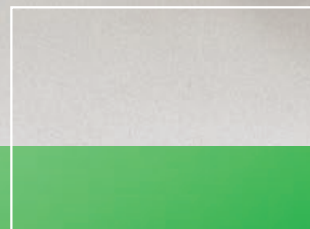
TÜV certified impact sound insulation for laminate flooring



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/m² – 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*⁺

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

Characteristic values STEICO*silent*⁺

Produced and supervised according to	EN 13986
Edge design	square edged
Bulk density [kg/m ³]	ca. 260
Thermal conductivity λ [W/(m*K)]	0.05 (according to EN 13986, chart 1)
Water vapour diffusion resistance factor μ	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 ² K/W]	R	0.20
Punctual conformability [mm]	PC	2.0
Water vapour diffusion resistance [m]	SD	0.05
Dynamic load resistance [cycles]	DL ₂₅	> 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 _{LAM}	21
Reaction to fire accord. to EN 13501-1	RTF	E _{fl}
Fulfills minimum requirements of EPLF		Yes

Comprehensive information on installation of STEICO*silent*⁺ can be found online at:

www.steico.com/download



Quality Management
ISO 9001:2015



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