

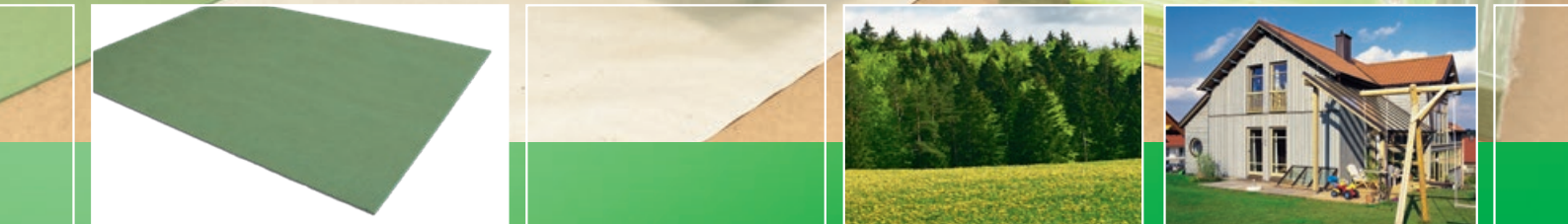
STEICO *underfloor*

underlay for laminate and parquet flooring

Environmentally friendly insulation system made from natural wood fibres

IS_{LAM} = 19 dB

Excellent impact sound resistance and improvement of the room acoustics by 15 dB for greater comfort.



The pressure resistant laminate and parquet flooring underlay made from natural woodfibres



Area of application

Impact sound insulation on laminate and parquet flooring



The mark of responsible forestry

- Reliable protection from falling objects
- Achieves a flat finished surface
- Ideal for underfloor heating systems
- High compression resistance of 15 t/m² – protects against joint breakages on click systems
- Durable due to robust fibre structure
- Quick and easy to install and handle
- Contributes to a healthy indoor climate



Packaging STEICOunderfloor

Thickness [mm]	Size [mm]	Weight [kg/m ²]	Pieces/Pack	Area/Pack [m ²]	Packs/Pallet	Weight / Pal. [kg]
3.0	790 * 590	0.77	20	9.3	32	ca. 265
4.0	790 * 590	1.02	15	7.0	32	ca. 265
5.0	790 * 590	1.28	15	7.0	26	ca. 265
7.0	790 * 590	1.75	15	7.0	18	ca. 265

Characteristic values STEICOunderfloor

Produced and supervised according to	EN 13986
Porous wood fibre insulating board according to	EN 622-4
Board designation	EN 622-4 SB-E1
Edge design	square edged
Bulk density [kg/m ³]	ca. 250
Thermal conductivity λ [W/(m*K)]	0.07 (according to EN ISO 10456, chart 3)
Water vapour diffusion resistance factor μ	5
Applied materials	wood fibre, aluminium sulphate, dye
Waste code (EAK)	030105/170201, Disposal as wood and wood-based material

Further Information

- Emission tested construction product according to DIBt-requirements

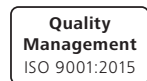
Notes: Should be stored flat and dry. Protect edges from damage. Foil packaging should only be removed in a dry environment.

Comprehensive information on installation of STEICOunderfloor can be found online at: www.steico.com/download



Technical values according to CEN/TS 16354

		3 mm	4 mm	5 mm	7 mm
Thermal resistance [m ² K/W]	R	0.043	0.057	0.071	0.100
Punctual conformability [mm]	PC	1.0	1.6	2.0	2.9
Water vapour diffusion resistance [m]	SD	0.02	0.02	0.03	0.04
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	> 800	> 800	> 800	> 900
Impact sound reduction [dB]	IS _{LAM}	19			
Reaction to fire accord. to EN13501-1	RTF	E _{fl}			
Fulfills minimum requirements of EPLF		yes			
Fulfills the enhanced requirements of category 1 of the MMFA		yes			



STEICO
engineered by nature

Your STEICO partner

www.steico.com