

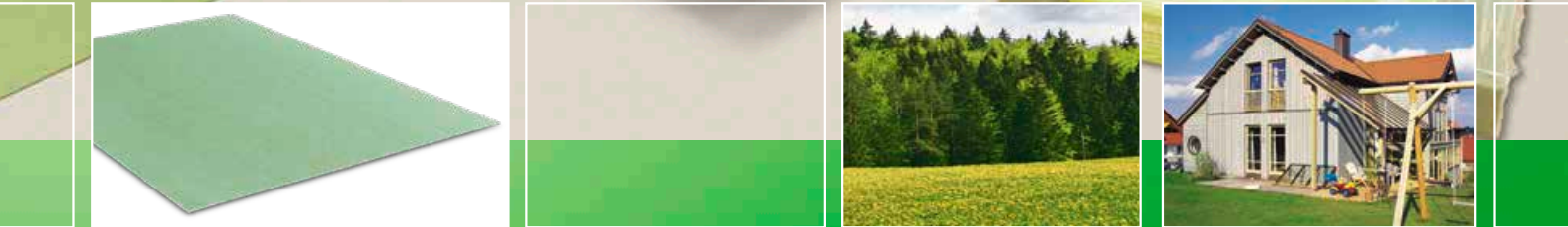
STEICO *Ecosilent*

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



- 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 STEICO *Ecosilent* / STEICO*underfloor*

Thickness [mm]	Size [mm]	Edge profile	Number/pal. [pcs.]	Number/pack [pcs.]	Area/pack [m ²]	Weight/m ² [kg]	Weight/pal. [kg]
3.0	790 * 590	square	32	20	9.3	0.77	ca. 265
4.0	790 * 590	square	32	15	7.0	1.02	ca. 265
5.0	790 * 590	square	26	15	7.0	1.28	ca. 265
7.0	790 * 590	square	20	15	7.0	1.75	ca. 265

Characteristic values STEICO *Ecosilent* / STEICO*underfloor*

Produced and supervised according to	EN 13986
Porous wood fibre insulating board according to	EN 622-4
Board designation	EN 622-4 SB-E1
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 STEICO *Ecosilent* / STEICO*underfloor* can be found online at:
www.steico.com/download



Technical values according to EN 16354 / EN 826

		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] according to EN 826	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 according to EN 13501-1	RTF	E _{fl}			
Fulfills minimum requirements of EPLF		yes			
Fulfills the enhanced requirements of category 1 of the MMFA		yes			



Your STEICO Partner

www.steico.com