

STEICO *EcoSilent flex*

flexible underlay for laminate and parquet flooring



- Excellent protection against falling objects
- Thermal insulation for cold floors
- Excellent leveling of uneven floors up to 3 mm
- Quick and easy to apply, easy to cut
- Packed in handy rolls
- Contributes to a healthy indoor climate
- Particularly environmentally friendly

Application area



- Impact sound and thermal insulation for laminate and prefinished parquet flooring

Technical data

Produced and supervised according to	CEN/TS 16354
Fire class (RTF) according to EN 13501-1	E
Permanent temperature range [°C]	100
Declared thermal conductivity [W/(m*K)]	0.042
Density [kg/m ³]	approx. 130
Water vapour diffusion resistance factor μ	3
Compression strength [kPa]	>10
Ingredients	Wood fibre, polyolefin fiber, ammonium sulfate
European Waste Code (EWC)	030105 / 170201, disposal such as wood and wood-based materials
Bonded carbon [kg CO ₂ equivalent./m ²]	180
IS _{LAM} / Impact sound reduction [dB]	20
PC / Point compensation capacity [mm]	3
CC / Compressive creep resistance [kPa]	[CC] > 50
RLB / Resistance to impact by large diameter ball [mm]	> 1.800

Additional technical data

Thickness [mm]	Declared thermal resistance [(m ² *K)/W]	s _d value [m]
5	0.31	0.02

Forms of delivery

Thickness [mm]	Edge profile	Length [mm]	Width [mm]	Number/pal. [pcs.]	Coverage/pal. gross [m ²]
5	SE	10000	1100	11	121.000

Weight and packing

Thickness [mm]	Edge profile	Length [mm]	Width [mm]	Weight/m ² [kg]	Weight/pcs. [kg]	pac./pal. paper/cardboard (approx) [kg]	pac./pal. plastic (approx) [kg]	pac./pal. wood (approx) [kg]	Weight./pal. (approx.) [kg]
5	SE	10000	1100	0.70	7.2	0.30	3.6	14.0	100

Notes

Storage

- Store wood fibre insulation in a dry place and protect it from the weather.
- Do not remove the transport packaging until the pallet is on a firm, level surface.
- Store and transport the insulation roll upright without heavy loads.
- Keep pallet inserts and package stickers for your construction site documentation

Ingredients

- Wood fibres, polyolefin fibres, ammonium sulfate

Disposal

- Disposal of offcuts: Waste code (EWC / AVV) 170201/030105, disposal as wood and wood-based materials, waste wood category II
- Disposal after dismantling: Waste code (EWC / AVV) 170201/030105, disposal as wood and wood-based materials, waste wood category II

Cutting

- The boards can be easily cut with an insulation knife, utility knife, a reciprocating saw, or a jigsaw

Occupational health and safety

- Comply with local regulations for the processing of wood-fibre material
- Suitable protective measures must be taken when cutting the wood fibre insulation boards (dust extraction, dust mask, etc.).

Building moisture

- Building moisture caused by e.g. fresh screed, plaster or paint must generally be removed by ventilation.
- Dry air must be provided inside the building during the construction phase.
- Additional measures through the installation of drying equipment are recommended.

Installation

- Before laying the wood fibre, rolls must be acclimatised in closed packaging for 48 hours
- When laying on mineral substrates, a separating layer is recommended. This protects the STEICO *EcoSilent flex* from residual moisture.
- Installation on a full-surface substrate
- Maintain edge distances (STEICO *soundstrip*)
- The local fire protection requirements must be observed in the area of the chimney and heating systems. (Observe clearances)

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Certificates and quality management



☰ Caption

other abbreviations

pal. Pallet

T&G Tongue and Groove

pac. Packaging

approx. Approximately