

# STEICO *underfloor flex*

flexible underlay for laminate and parquet flooring

Environmentally friendly insulation system made from natural wood fibres

**IS<sub>LAM</sub> = 20 dB**

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



## The flexible underlay for laminate and parquet flooring for greater comfort

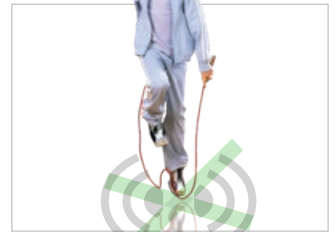


### Area of application

Impact sound and thermal insulation for laminate and parquet flooring

- Excellent protection from falling objects
- Thermal insulation for cold surfaces
- Improves uneven floor finishes of up to 3.1 mm
- Quick and simple to install, easy to cut
- Packed in handy rolls
- Contributes to a healthier internal air quality
- Particularly environmentally friendly





### Packaging STEICOunderfloor flex

Thickness [mm]	Size [mm]	Weight [kg/m <sup>2</sup> ]	Area/Roll [m <sup>2</sup> ]	Rolls/Pallet	Weight / Pal. [kg]
5.0	1,100*10,000	0.65	11.0	11	ca. 100

### Characteristic values STEICOunderfloor flex

Edge design	square edged
Bulk density [kg/m <sup>3</sup> ]	ca. 130
Thermal conductivity $\lambda$ [W/(m*K)]	0.042
Water vapour diffusion resistance factor $\mu$	3
Applied materials	wood fibre, polyolefin fibres, ammonium sulfate
Waste code (EAK)	030105/170201, disposal as wood and wood-based material

**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 flex can be found online at: [www.steico.com/download](http://www.steico.com/download)



### Technical values according to CEN/TS 16354

Thermal resistance [m <sup>2</sup> K/W]	R	0.31
Punctual conformability [mm]	PC	3.1
Water vapour diffusion resistance [m]	SD	0.02
Compressive strength [kPa]	CS	>10
Compressive creep resistance [kPa]	CC	>50
Resistance to impact by large diameter ball [mm]	RLB	>1,800
Impact sound reduction [dB]	IS <sub>LAM</sub>	20
Reaction to fire accord. to EN 13501-1	RTF	E <sub>fl</sub>



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engineered by nature

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