

Environmentally friendly insulation system made from natural wood fibres

**IS<sub>LAM</sub> = 21 dB**

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



## Underlay with a special surface for maximum pressure resistance



### Area of application

Impact sound insulation for areas with high usage



- Excellent protection from falling objects and heavy dynamic demand
- Thermal insulation for cold surfaces
- Achieves a flat finished surface
- High compression resistance of 15 t/m<sup>2</sup> – protects against joint breakages on click systems
- Quick and easy to install and handle
- Contributes to a healthy indoor climate



## Packaging STEICOsilent pro

Thickness [mm]	Size [mm]	Weight [kg/m <sup>2</sup> ]	Pieces/Pack	Area/Pack [m <sup>2</sup> ]	Packs/Pallet	Weight /Pal. [kg]
7.0	790 * 590	2.0	15	7.0	22	ca. 280

## Characteristic values STEICOsilent pro

Produced and supervised according to	EN 13986
Edge design	square edged
Bulk density [kg/m <sup>3</sup> ]	ca. 285
Thermal conductivity $\lambda$ [W/(m*K)]	0.05 (according to EN 13986, chart 11)
Water vapour diffusion resistance factor $\mu$	5
Applied materials	wood fibre, aluminium sulphate, kaolin, dye
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 STEICOsilent pro 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	0.10
Punctual conformability [mm]	PC	3.0
Water vapour diffusion resistance [m]	SD	0.04
Dynamic load resistance [cycles]	DL <sub>25</sub>	> 150,000
Compressive strength [kPa]	CS	> 150
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>	21
Reaction to fire accord. to EN 13501-1	RTF	E <sub>fl</sub>
Fulfills enhanced requirements of EPLF		Yes
Fulfills the enhanced requirements of category 1 of the MMFA		Yes



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engineered by nature

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