

STEICO *underfloor*

underlay for parquet and laminate flooring

Environmentally-friendly insulation system
made from natural wood fibres



| AREAS OF APPLICATION

Impact sound insulation on **parquet and laminate floorings** up to 19 dB
Improvement of the acoustics on **parquet and laminate floorings**.



| STORAGE/TRANSPORT

Flat, level and dry Protect edges from damage Remove plastic foil packing only in dry environment.

- Very good impact sound insulation and improvement of the acoustics
- Excellent insulating qualities
- High compression strength up to 15 t/m² - important for click-systems
- Long-time usage suitability through stable fibre structure
- High water vapour open
- Resistant against chemic solvents
- Easy and fast installation
- Adjust unevennesses up to 3 mm
- Suitable for underfloor heating systems in combination with appropriate floor coverings
- Ecological and environmentally friendly, recyclable
- Fulfills minimum requirement of EPLF

For more information please visit our website at www.steico.co.uk



PACKAGING STEICOunderfloor

Thickness [mm]	Size [mm]	Weight [kg / m²]	Pieces / Pack	m² / Pack	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	20	9.3	14	ca. 265

CHARACTERISTIC VALUES STEICOunderfloor

MATERIAL

Wood fibre insulation board produced in accordance with EN 13986 and EN 622-4 and with ongoing quality supervision.

The wood comes from sustainably cultivated forests and is certified independently according to the guidelines of the FSC® (Forest Stewardship Council®).

For dust extraction please refer to national requirements.

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
Thermal conductivity λ [W/(m²*K)] accord. to EN 13986, Tab. 11	0.07
Bulk density ρ [kg/m³]	ca. 250
Water vapour diffusion resistance factor μ	5
Applied materials	wood fibre, aluminium sulphate, dye
Waste code (EAK-Code)	030105 / 170201, Disposal as wood and wood-based material

TECHNICAL VALUES ACCORDING TO CEN/TC 16354

		3 mm	4 mm	5 mm	7 mm
Protection against unevenness	PC	1.0 mm	1.6 mm	2.0 mm	2.9 mm
Compressive strength	CS	> 150 kPa	> 150 kPa	> 150 kPa	> 150 kPa
Compressive creep resistance	CC	> 50 kPa	> 50 kPa	> 50 kPa	> 50 kPa
Dynamic load resistance	DL ₂₅	> 150.000 cycles	> 150.000 cycles	> 150.000 cycles	> 150.000 cycles
Thermal resistance	R	0.043m²K/W	0.057m²K/W	0.071m²K/W	0.100m²K/W
Water vapour diffusion resistance	SD	0.02 m	0.02 m	0.03 m	0.04 m
Reaction to fire	RTF	E	E	E	E
Resistance to impact by large diameter ball	RLB	> 800 mm	> 800 mm	> 800 mm	> 900 mm
Impact sound	IS _{LAM}	19 dB	19 dB	19 dB	19 dB
Fulfills minimum requirement of EPLF		yes	yes	yes	yes



Production certified accor. to ISO 9001:2015



STEICO
engineered by nature

Your STEICO Agent

www.steico.co.uk