

Fibertherm underfloor

underlay for parquet and laminate flooring

Beton  **Wood**

Environmentally-friendly insulation system
made with 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 3mm
- suitable for underfloor heating systems in combination with appropriate floor coverings
- ecological and environmentally friendly, recyclable
- fulfills minimum requirement of EPLF

For more informations about the uses and the installation,
our offices are ready to answer your questions on www.fibradilegno.com



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.

AVAILABLE DIMENSIONS Fibertherm underfloor

sharp edges

Thickness	Dimensions	Weight/m ² (kg)	Panels/Package	m ² /Package	kg/Pallet
3 mm	790 x 590 mm	0,77	20	9,3	ca.265
4 mm	790 x 590 mm	1,02	15	7,0	ca.265
5 mm	790 x 590 mm	1,28	15	7,0	ca.265
7 mm	790 x 590 mm	1,75	20	9,3	ca.265

TECHNICAL CHARACTERISTICS Fibertherm underfloor

Produced and supervised according to	EN 13986 e EN 622-4
Board designation	EN 622- 4 SB – E1
Porous wood fibre insulating board according to	EN 622-4
Thermal conductivity λ [W/(m ² *K)] accord. to EN 13986, Tab. 11 0.07	0,07
Density kg/m ³	ab. 250
Water vapour diffusion resistance factor μ	5
Raw materials	wood fibre, aluminium sulphate, paraffin, dye
Waste code (EAK)	030105/170201

TECHNICAL VALUES ACCORING 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	>50kPa	>50kPa	>50kPa	>50kPa
Dynamic load resistance	DL ₂₅	>150.000 cicli	>150.000 cicli	>150.000 cicli	>150.000 cicli
Thermal resistance	R	0,043m ² K/W	0,057m ² K/W	0,071m ² K/W	0,100m ² K/W
Water vapour diffusion resistance	SD	0,02 m	0,02 m	0,03 m	0,04 m
Resistance to impact by large diameter ball	RBL	>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

Head office:
Via Falcone e Borsellino, 58
I-50013 Campi Bisenzio (FI)

T: +39 055 8953144
F: +39 055 4640609

info@betonwood.com
www.betonwood.com

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