Fibertherm floor

floor insulation system

Environmentally-friendly insulation system made with natural wood fibres

| AREAS OF APPLICATION

Floor insulation for solid wooden floors to avoid acoustic bridging.

Impact sound and heat insulation for various types of floors.

| STORAGE/TRANSPORT

Store flat, level and under cover.

Protect edges from damage.

Remove plastic foil packing only when the pallet is on hard, dry and even ground.

- acoustic insulation against impact and airborne sound
- enables mechanical fixing of the deck to the battens
- excellent insulation qualities
- water vapour open
- enhanced vapour transfer
- helps to regulate the indoor climate
- ecological and environmentally friendly
- recyclable
- product made from wood fibres, independently certified by the FSC®

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

| INDICAZIONI

Wood fibre insulation board produced in accordance with EN 13171 and with ongoing quality supervision.

FSC® certified.

For dust extraction please refer to national requirements.

| ADDITIONAL AREAS OF APPLICATION

(according to national regulations)

Interior insulation for floors or roofs, insulation below rafters.

Insulation under a screed.

| AVAILABLE DIMENSIONS FiberTherm floor

tongue and groove edges

Thickness	Dimensions	Real surface	Peso/m²(kg)	Panels/Pallet	m²/Pallet	kg/Pallet
40 mm	1200x380 mm	1186x366 mm	6,40	84	38,3	ca.260
60 mm	1200x380 mm	1186x366 mm	9,60	57	26,0	ca.260

| AVAILABLE DIMENSIONS battens

tongue and groove edges

Depth	Width	Lenght	Pieces/Pallet	Weight/Pallet	Pieces/m²
35 mm	50 mm	2.000 mm	45	ca.2	1,3
55 mm	50 mm	2.000 mm	31	ca.3	1,3

| TECHNICAL CHARACTERISTICS FiberTherm floor

Produced and supervised according to	EN 13171
Board designation	WF–EN 13171–T4–CS(10 \Y)50 –TR2,5-AF100
Fire class according to EN 13501-1	E
Declared thermal conductivity λ_D W/(m*K)	0,039
Declared thermal resistance R_D (m²*K)/W	1,0 (40) /1,5 (60)
Density kg/m³	ab. 160
Water vapour diffusion resistance factor μ	5
sd value (m)	0,2 (40)/ 0,3 (60)
Specific heat capacity c J/(kg*K)	2.100
Minimum compression strength at 10% deformation σ_{10} (N/mm²)	0,04
Minimum compression strength (kPa)	40
Tensile strength perpendicular to face ⊥ (kPa)	≥2,5
Declared level of airflow resistance (kPa*s)/m²	≥100
Raw materials	wood fibre, bond between layers
Waste code (EAK)	030105/170201

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FSC www.fsc.org FSC® C128750 Das Zeichen für verantwortungsvolle Waldwirtschaft

Member of WWF Global Forest & Trade Network

FiberTherm WerkCzamik GmbH Z-23.15-1452 PA NRW

Production certified accor. to ISO 9001:2008

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IBR

THIRD-PARTY VERIFIED EPD Institut Bauen und Umwelt e.V.

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