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.





AVAILABLE DIMENSIONS FiberTherm floor

tongue and groove edges

Thickness	Dimensions	Real surface	Peso/m ² (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

Produced and supervised according to

tongue and groove edges

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

ADDITIONAL AREAS

(according to national regulations)

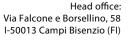
Interior insulation for floors or roofs, insulation below rafters.

Insulation under a screed.

| TECHNICAL CHARACTERISTICS FiberTherm floor

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 $\lambda_{_D}W/(m^*K)$	0,039		
Declared thermal resistance $R_{_D}$ (m ² *K)/W	1,0 (40) /1,5 (60)		
Density kg/m ³	ab. 160		
Water vapour diffusion resistance factor $\boldsymbol{\mu}$	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/mm ²)	0,04		
Minimum compression strength (kPa)	40		
Tensile strength perpendicular to face \perp (kPa)	≥2,5		
Declared level of airflow resistance (kPa*s)/m ²	≥100		
Raw materials	wood fibre, bond between layers		
Waste code (EAK)	030105/170201		



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FTHF IR.18.01

















