

Fibertherm isorel

Multi purpose rigid insulation board

Beton  **Wood**

Environmentally-friendly insulation system
made with natural wood fibres



| AREAS OF APPLICATION

Multi purpose insulation board from natural wood fibre for roof, wall and floor applications.



| MATERIAL

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

Wood for FiberTherm comes from sustainable forestry and is independently certified by the FSC®.

- High compression strength
- High heat protection during summer months
- Excellent insulation qualities
- Ideal combination for high load bearing dry and wet screed
- Suitable for mastic asphalt screed
- Ecological and environmentally friendly
- Recycleable

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



RECOMMENDATIONS

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

Max. stacking height: 2 paletts

For dust extraction please refer tonational requirements

AVAILABLE DIMENSIONS Fibertherm isorel

sharp edges

Thickness	Dimensions	Weight/m ² (kg)	Panels/Pallet	m ² /Pallet	kg/Pallet
8 mm	1200x1000 mm	2,00	138	165,6	approx.350
10 mm	2500x1200 mm	2,20	114	342,0	approx.790
12 mm	2500x1200 mm	2,64	95	285,0	approx.790
15 mm	2500x1200 mm	3,30	76	228,0	approx.790
19 mm	2500x1200 mm	4,18	60	180,0	approx.790

TECHNICAL CHARACTERISTICS Fibertherm isorel

Produced and supervised according to	DIN EN 13171
Board designation	EN 622-4 SB – E1
Fire class according to EN 13501-1	E
Declared thermal conductivity λ_0 W/(m*K)	0,050
Declared thermal resistance R_D (m ² *K)/W	0,16(8)/ 0,20(10)/ 0,24 (12)/ 0,30(15) 0,38(19)
Density kg/m ³	ab. 230
Water vapour diffusion resistance factor μ	5
sd value (m)	0,04 (8)/ 0,05(10)/ 0,06(12)/ 0,08(15)/ 0,1(19)
Specific heat capacity c J/(kg*K)	2.100
Minimum compression strength at 10% deformation σ_{10} (N/mm ²)	≥ 0,10
Minimum compression strength (kPa)	≥ 100
Raw material	wood fibre, bond between layers
Waste code (EAK)	030105/170201

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

FTHI IR.18.01



Das Zeichen für verantwortungsvolle Waldbirtschaft



Production certified
accor. to
ISO 9001:2008



Förderung nachhaltiger
Waldbirtschaft
www.pefc.de

