Fibertherm isorel

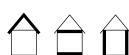


Multi purpose rigid insulation board



| 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

Max. stacking height: 2 paletts

For dust extraction please refer tonational requirements

AVAILABLE DIMENSIONS

Fibertherm isorel

sharp edges

Thickness	Dimensions	Weight/m²(kg)	Panels/Pallet	m²/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

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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 $\lambda_D W/(m*K)$	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/m³	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		

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