

Fibertherm universal

sarking and sheathing boards

Beton  **Wood**

Environmentally-friendly insulation system
made with natural wood fibres



| AREAS OF APPLICATION

Sheathing board for both pitched roof and wall constructions. Insulated wall panel made from natural wood fibres.

Fibertherm universal is designed for sheathing timber frame wall panels with stud framing not less than 38 mm in width and at maximum 600 mm centres. The boards can resist weather exposure without deterioration during construction or if cladding is delayed.

- high compression strength
- high heat protection during summer months
- excellent insulation qualities
- water vapour open, suitable for warm roofs
- ecological and environmentally friendly, fully recyclable
- made from FSC® certified woodfibre
- contributes to airtightness and sound reduction performance



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 13171 and EN 13986 and with ongoing quality supervision.

RECOMMENDATIONS

Flat, level and under cover.

Protect edges from damage.

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

For dust extraction please refer to national requirements.

ADDITIONAL AREAS OF APPLICATION

(according to national regulations)

External insulation for roofs or floors with staggered joints or under sarking membrane.

External insulation for roofs or floors, weathering protection, insulation, water resistance.

Interior insulation for floors or roofs, insulation between rafters.

Insulation under a screed.

External insulation for walls behind a suitable facade.

Insulation for timber structures.

AVAILABLE DIMENSIONS FiberTherm universal tongue and groove edges

Thickness	Dimension	Real surface	Weight/m ² (kg)	Panels/Pallet	m ² /Pallet	kg/Pallet
22 mm	2500x600 mm	2480x585 mm	5,83	104	150,9	ca.1020
24 mm	2500x600 mm	2480x580 mm	6,36	98	140,1	ca.1020
35 mm	2500x600 mm	2475x575 mm	9,28	66	93,9	ca.1010
52 mm	2500x600 mm	2475x575 mm	13,78	44	62,6	ca.1000
60 mm	2500x600 mm	2475x575 mm	16,20	28	54,1	ca.1000
35 mm	2800x1250mm	2775x1225mm	9,28	33	112,2	ca.1130

AVAILABLE DIMENSIONS FiberTherm universal sharp edges

Thickness	Dimension	Weight/m ² (kg)	Panels/Pallet	m ² /Pallet	kg/Pallet
35 mm	2800x1250mm	9,28	33	115,5	ca.1130

TECHNICAL CHARACTERISTICS FiberTherm universal

Produced and supervised according to	EN 13171 and EN 13986
Board designation	WF-EN 13171-T5-DS(70,-)2-CS(10\Y)200-TR30-WS1,0-AF100; EN 622-4-SB.H-E1
Fire class according to EN 13501-1	E
Declared thermal conductivity λ_D /(m*K)	0,048
Declared thermal resistance R_D (m ² *K)/W	0,45 (22)/ 0,50 (24) / 0,70 (35)/ 1,05 (52)/ 1,25 (60)
Density kg/m ³	ab. 270
Water vapour diffusion resistance factor μ	5
sd value (m)	0,11 (22)/ 0,12 (24)/ 0,18 (35)/ 0,26 (52)/ 0,30 (60)
Specific heat capacity c J/(kg*K)	2.100
Compression strength at 10% deformation σ_{10} (N/mm ²)	0,20
Compression strength (kPa)	200
Tensile strength perpendicular to face \perp (kPa)	≥30
Declared level of airflow resistance (kPa*s)/m ²	≥100
Short-term water absorption[kg/m ²]	≤ 1,0
Raw material	wood fibre, paraffin, bond between layers
Waste code (EAK)	030105/170201

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Das Zeichen für verantwortungsvolle Waldbirtschaft

