

# Fibertherm universal dry

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 dry** 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.

- available in thicknesses up to 160mm
- high specification lightweight homogenous board
- excellent insulation qualities
- enhances airtightness performance
- water vapour open, suitable for warm roofs
- may be left exposed for up to 4 weeks during construction
- for roof pitches  $\geq 16^\circ$
- helps to regulate the indoor climate
- ecological and environmentally friendly, fully recyclable

For more informations about the uses and the installation,  
our offices are ready to answer your questions on [www.fibradilegno.com](http://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 dry tongue and groove edges

Thickness	Dimension	Real surface	Weight/m <sup>2</sup> (kg)	Panels/Pallet	m <sup>2</sup> /Pallet	kg/Pallet
35 mm	2500x600 mm	2475x575 mm	7,35	66	93,9	ca.770
40 mm	2500x600 mm	2475x575 mm	8,40	56	81,2	ca.720
52 mm	1880x600 mm	1855x575 mm	9,36	44	46,9	ca.490
60 mm	1880x600 mm	1855x575 mm	10,80	38	40,5	ca.500
80 mm	1880x600 mm	1855x575 mm	14,40	28	29,9	ca.490
100 mm	1880x600 mm	1855x575 mm	18,00	22	23,5	ca.480

## TECHNICAL CHARACTERISTICS FiberTherm universal dry

Produced and supervised according to	DIN EN 13171
Board designation	WF – EN 13171 – T5 – CS(10 \Y)180–TR25 –WS1,0 – MU3
Fire class according to EN 13501-1	E
Declared thermal conductivity $\lambda_D$ W/(m*K)	0,045 (35, 40 mm)/ 0,043 (52–100 mm)
Declared thermal resistance $R_D$ (m <sup>2</sup> *K)/W	0,75 (35)/0,85 (40)/1,20 (52)/ 1,40 (60)/ 1,85 (80)/ 2,30 (100)
Density kg/m <sup>3</sup>	ab. 210 (35, 40 mm) / ab. 180 (52-100 mm)
Water vapour diffusion resistance factor $\mu$	5
sd value (m)	0,11 (35)/0,12 (40)/ 0,16(52) 0,18 (60)/ 0,24 (80)/ 0,30 (100)
Specific heat capacity c J/(kg*K)	2.100
Compression strength at 10% deformation $\sigma_{10}$ (N/mm <sup>2</sup> )	0,18
Compression strength (kPa)	180
Tensile strength perpendicular to face $\perp$ (kPa)	$\geq 25$
Declared level of airflow resistance (kPa*s)/m <sup>2</sup>	$\geq 100$
Short-term water absorption[kg/m <sup>2</sup> ]	$\leq 1,0$
Raw material	wood fibre, paraffin, bond between layers
Waste code (EAK)	030105/170201

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Das Zeichen für verantwortungsvolle Waldbirtschaft

