

Fibertherm protect 230

External thermal insulation composite system
density 230 kg/m³

Beton  **Wood**

Environmentally-friendly insulation system
made from natural wood fibres



| AREAS OF APPLICATION

Wood fibre insulation board for use
in External Thermal Insulation
Composite Systems (ETICS).



| 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®.

- Suitable for use with direct render systems
- Hydro-repellent panels, open to the diffusion of steam, for robust constructions.
- Reduces thermal bridging through the structure
- Excellent thermal characteristics in both the summer and winter
- Can be used already from 40 mm panels for injection of insulating material
- Simple and economic on site handling
- Improves the acoustic performance of the structure
- Part of a full system of components - Integrated system with a single contact for the supply of plaster and accessories
- Good fire resistance
- Sustainable and FSC® certified

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



AVAILABLE DIMENSIONS

Fibertherm protect 230

tongue and groove edges

Thickness	Dimensions	Real surface	Weight / m ² (kg)	Panels / Pallet	m ² /Pallet	kg/Pallet
80 mm	1325x600 mm	1300x575 mm	18,40	28	22,3	ca.420
100 mm	1325x600 mm	1300x575 mm	23,00	22	17,5	ca.413

Thickness	Dimensions	Real surface	Weight / m ² (kg)	Panels / Pallet	m ² /Pallet	kg/Pallet
80 mm	2625x1175 mm	2600x1150 mm	16,80	14	44,3	ca.744

sharp edges

Thickness	Dimensions	Weight / m ² (kg)	Panels / Pallet	m ² /Pallet	kg/Pallet
80 mm	2800x1250 mm	16,80	14	38,5	ca.823
100 mm	2800x1250 mm	28,20	11	49,0	ca.920

RECOMMENDATION

Store FiberTherm **protect** boards lying flat.

Store in a dry area.

Protect edges against damage.

Remove foil packing only when the board is ready to be installed.

For dust extraction please refer to national requirements.

National building regulations have to be observed.

TECHNICAL CHARACTERISTICS Fibertherm protect 230

Produced and supervised according to	DIN EN 13171
Board designation	WF-EN 13171-T5-DS(70 \ 90)3-DS(10 \ Y)100 - TR 15(30) - WS1,0 - MU5
Fire class according to EN13501-1	E
Declared thermal conductivity λ_D W/(m*K)	0,046
Declared thermal resistance R_D [(m ² *K)/W]	1.70
Density kg/m ³	ab.230
Water vapour diffusion resistance factor μ	5
Sd value [m]	0.4
Specific heat capacity c J/(kg*K)	2.100
Minimum compression strength (kPa)	100
Tensile strength perpendicular to face \perp (kPa)	15
Dimensional stability 48 h, 70 °C, 90% relative air moisture	Length $\Delta e_l \leq 3\%$ Width $\Delta e_b \leq 3\%$ Thickness $\Delta e_d \leq 3\%$
Raw material	wood fibre, bond between layers
Waste code (EAK)	030105/170201

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FTHP230 IR.18.01

