

Fibertherm protect dry 180

External thermal insulation composite system
density 180 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
- Ideal for timber frame constructions, solid wood walls and renovation of walls
- Robust and economic on-site handling
- Manufactured in dry process. Lightweight homogenous boards
- Excellent thermal characteristics in summer and winter
- Hydrophobic and water vapour open system for robust constructions

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 dry 180

tongue and groove edges

Thickness	Dimensions	Real surface	Weight / m ² (kg)	Panels / Pallet	m ² /Pallet	kg/Pallet
40 mm	1325x600 mm	1300x575 mm	7,20	56	44,5	ca.360
60 mm	1325x600 mm	1300x575 mm	10,80	38	30,2	ca.350

sharp edges

Thickness	Dimensions	Weight / m ² (kg)	Panels / Pallet	m ² /Pallet	kg/Pallet
40 mm	2800 x 1250 mm	5,60	28	98,0	ca.568
60 mm	2800 x 1250 mm	8,40	19	66,5	ca.620

PRODUCT

FiberTherm protect dry 180
Thickness from 40 to 60 mm.
High stability. Boards with a thickness of 40mm or more are adapted to air injected insulation with FiberTherm zell and FiberTherm flocc

RECOMMENDATION

Store FiberTherm protect dry 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 dry 180

Produced and supervised according to	DIN EN 13171
Board designation	WF-EN 13171-T5-DS(70 \90)3-CS(10 \Y)200 - TR 30 - WS1,0 - MU3
Fire class according to EN13501-1	E
Declared thermal conductivity λ_D W/(m*K)	0,043
Density kg/m ³	ab.180
Water vapour diffusion resistance factor μ	3
Specific heat capacity c J/(kg*K)	2.100
Minimum compression strength (kPa)	200
Tensile strength perpendicular to face \perp (kPa)	30
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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