

Fibertherm protect dry 110

External thermal insulation composite system
density 110 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 110

sharp edges

Thickness	Dimensions	Weight / m ² (kg)	Panels / Pallet	m ² /Pallet	kg/Pallet
100 mm	1200 x 400 mm	11,00	22	10,6	ca.127
120 mm	1200 x 400 mm	13,20	18	8,6	ca.122
140 mm	1200 x 400 mm	15,40	16	7,7	ca.126
160 mm	1200 x 400 mm	17,60	14	6,7	ca.124
180 mm	1200 x 400 mm	19,80	12	5,8	ca.120
200 mm	1200 x 400 mm	22,00	12	5,8	ca.133
220 mm	1200 x 400 mm	24,20	10	4,8	ca.121
240 mm	1200 x 400 mm	26,40	10	4,8	ca.131

PRODUCT

FiberTherm protect dry 110
Thickness from 100 to 240mm for the
renovation of existing masonry walls.

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 110

Produced and supervised according to	DIN EN 13171
Board designation	WF-EN 13171-T5-DS(70\90)3-CS(10\Y)50 - TR 10 - WS1,0 - MU3
Fire class according to EN13501-1	E
Declared thermal conductivity $\lambda_D W/(m^*K)$	0,037
Density kg/m ³	ab.110
Water vapour diffusion resistance factor μ	3
Specific heat capacity c J/(kg*K)	2.100
Minimum compression strength (kPa)	50
Tensile strength perpendicular to face \perp (kPa)	10
Dimensional stability 48 h, 70 °C, 90% relative air moisture	Length $\Delta\epsilon_l \leq 3\%$ Width $\Delta\epsilon_b \leq 3\%$ Thickness $\Delta\epsilon_d \leq 3\%$
Raw material	wood fibre, bond between layers
Waste code (EAK)	030105/170201

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