

# Fibertherm protect dry 140

External thermal insulation composite system  
density 140 kg/m<sup>3</sup>

**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](http://www.fibradilegno.com)



## AVAILABLE DIMENSIONS

## Fibertherm protect dry 140

tongue and groove edges

Thickness	Dimensions	Real surface	Weight / m <sup>2</sup> (kg)	Panels / Pallet	m <sup>2</sup> /Pallet	kg/Pallet
60 mm	1325x600 mm	1300x575 mm	8,40	38	30,2	ca.281
80 mm	1325x600 mm	1300x575 mm	11,20	28	22,3	ca.270
100 mm	1325x600 mm	1300x575 mm	14,00	22	17,5	ca.261
120 mm	1325x600 mm	1300x575 mm	16,80	18	17,2	ca.260
140 mm	1325x600 mm	1300x575 mm	19,60	16	17,8	ca.269
160 mm	1325x600 mm	1300x575 mm	22,40	14	17,8	ca.269
180 mm	1325x600 mm	1300x575 mm	25,20	12	17,2	ca.260
200 mm	1325x600 mm	1300x575 mm	28,00	12	19,1	ca.278

sharp edges

Thickness	Dimensions	Weight / m <sup>2</sup> (kg)	Panels / Pallet	m <sup>2</sup> /Pallet	kg/Pallet
60 mm	2800 x 1250 mm	5,60	19	66,5	ca.568
80 mm	2800 x 1250 mm	11,20	14	49,0	ca.593
100 mm	2800 x 1250 mm	14,00	11	38,5	ca.575
100 mm	2800 x 1250 mm	11,00	11	35,8	ca.426
120 mm	2800 x 1250 mm	13,20	9	29,3	ca.417
140 mm	2800 x 1250 mm	15,40	8	26,0	ca.430
160 mm	2800 x 1250 mm	17,60	7	22,8	ca.430

## 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 140

Produced and supervised according to	DIN EN 13171
Board designation	WF-EN 13171-T5-DS(70 \90)3-CS(10 \Y)100 - TR 20 - WS1,0 - MU3
Fire class according to EN13501-1	E
Declared thermal conductivity $\lambda_0$ W/(m*K)	0,040
Density kg/m <sup>3</sup>	ab.140
Water vapour diffusion resistance factor $\mu$	3
Specific heat capacity c J/(kg*K)	2.100
Minimum compression strength (kPa)	100
Tensile strength perpendicular to face $\perp$ (kPa)	20
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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FTHPD140 IR.18.01

