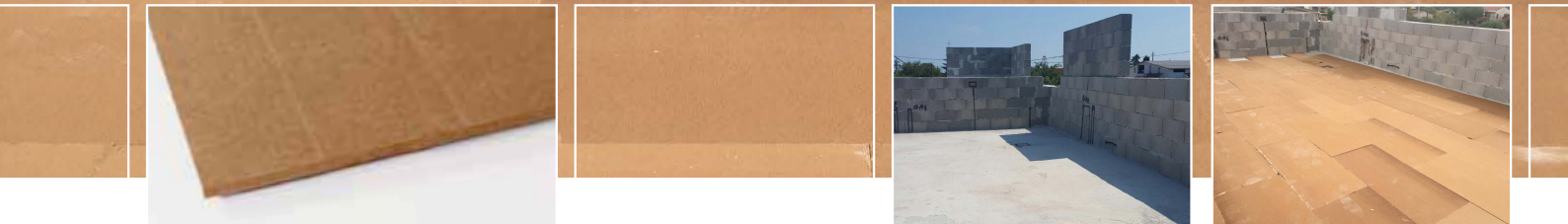


Fibertherm base

Pressure-resistant floor and
plaster base board

Beton  **Wood**

Environmentally-friendly insulation system
made with natural wood fibres



| AREAS OF APPLICATION

Versatile wood fibre insulation board
for floor structures.

Pressure-resistant plaster base board
on full-surface wood substrates
indoors.



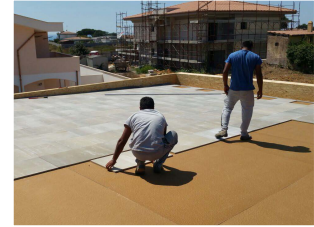
| MATERIAL

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®.

- Optimum combination for heavy-duty dry and wet screed constructions
- Particularly high pressure resistance with 150 kPa
- Suitable as an insulation board for mastic asphalt screeds
- Interior plaster base for lime and clay plasters
- Excellent insulation properties
- Ecological and environmentally friendly
- Recyclable

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



RECOMMENDATIONS

- Store lying flat and dry.
- Protect edges from damage.
- Remove the foil wrapper only when the pallet is on firm, even and dry ground.
- Please observe regulations for dust removal.

USES

- (according to national standards)
- Inside insulation of the ceiling or the floor plate (upper side) below screed without sound protection requirement.
- Insulation of wooden frame and wooden panel construction.
- Interior insulation of the wall.
- Insulation of room partitions.

TIPS

- Fibertherm base is suitable for room-side plastering with vapor-permeable and moisture-regulating plaster systems.

AVAILABLE DIMENSIONS Fibertherm base

sharp edges

| Thickness | Dimensions | Weight/m ² (kg) | Panels/Pallet | m ² /Pallet | kg/Pallet |
|-----------|-------------|----------------------------|---------------|------------------------|-----------|
| 20 mm | 1350x600 mm | 5,00 | 112 | 90,7 | ca.460 |
| 40 mm | 1350x600 mm | 10,00 | 56 | 45,4 | ca.460 |
| 60 mm | 1350x600 mm | 15,00 | 38 | 30,8 | ca.470 |
| 80 mm | 1350x600 mm | 20,00 | 28 | 22,7 | ca.460 |
| 100 mm | 1350x600 mm | 25,00 | 22 | 17,8 | ca.460 |

TECHNICAL CHARACTERISTICS Fibertherm base

| | |
|------------------------------------------------------------------------------------|---------------------------------------------------|
| Produced and supervised according to | DIN EN 13171 |
| Board designation | WF-EN 13171-T5-DS(70,-)2-CS(10\Y)150-TR10- MU5 |
| Fire class according to EN 13501-1 | E |
| Declared thermal conductivity λ_D W/(m*K) | 0,048 |
| Declared thermal resistance R_D (m ² *K)/W | 0,40(20)/ 0,80(40)/ 1,25(60)/ 1,65(80)/ 2,05(100) |
| Density kg/m ³ | ca. 250 |
| Water vapour diffusion resistance factor μ | 5 |
| sd value (m) | 0,1(20)/ 0,2(40)/ 0,3(60)/ 0,4(80)/ 0,5(100) |
| Specific heat capacity c J/(kg*K) | 2.100 |
| Minimum compression strength at 10% deformation σ_{10} (N/mm ²) | ≥ 0,15 |
| Minimum compression strength (kPa) | ≥ 150 |
| Tensile strength perpendicular to face \perp (kPa) | ≥10 |
| Declared level of airflow resistance (kPa*s)/m ² | ≥100 |
| Raw material | wood fibre, bond between layers |
| Waste code (EAK) | 030105/170201 |

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FTHB IR.18.01



Das Zeichen für verantwortungsvolle Waldbirtschaft



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accor. to
ISO 9001:2008



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Waldbirtschaft
www.pefc.de

