

Screed fibertherm roof

Complete screed and attic insulation dry system with Fibertherm Roof wood fiber panels density 200 kg/m³

Beton  **Wood**

Complete insulating screed system with high performances



| DESCRIPTION

Complete screed system on concrete or cement ground (new or existing) with dry building system which consists in a double layer of rigid wood fiber panels with medium-high density (200kg/m³) **Fibertherm roof**.

Ecological, natural materials, maximum durability over time is guaranteed, with international ETA certification.

On existing ground, the system consists in a double layer of **Fibertherm roof** wood fiber panels with density 200 kg/m³ waterproofed with **FiberTherm multi UDB** anti-steam barriers both in the upper and in the lower part.

Perfectly suited for renovating high-performance thermal screeds to existing attics, versatile and easy to install.

The stratigraphy consists of overlapping panels made of highly insulating **Fibertherm roof** natural and ecological wood fiber, FSC certified, which contributes to the creation and maintenance of a healthy and mild climate in living spaces. The waterproofing is guaranteed by the laying of two layers of **FiberTherm multiUDB** above the insulating layer in wood fiber and under it in contact with the existing concrete or cement foundation.

High acoustic performance, naturalness and simplicity of execution.

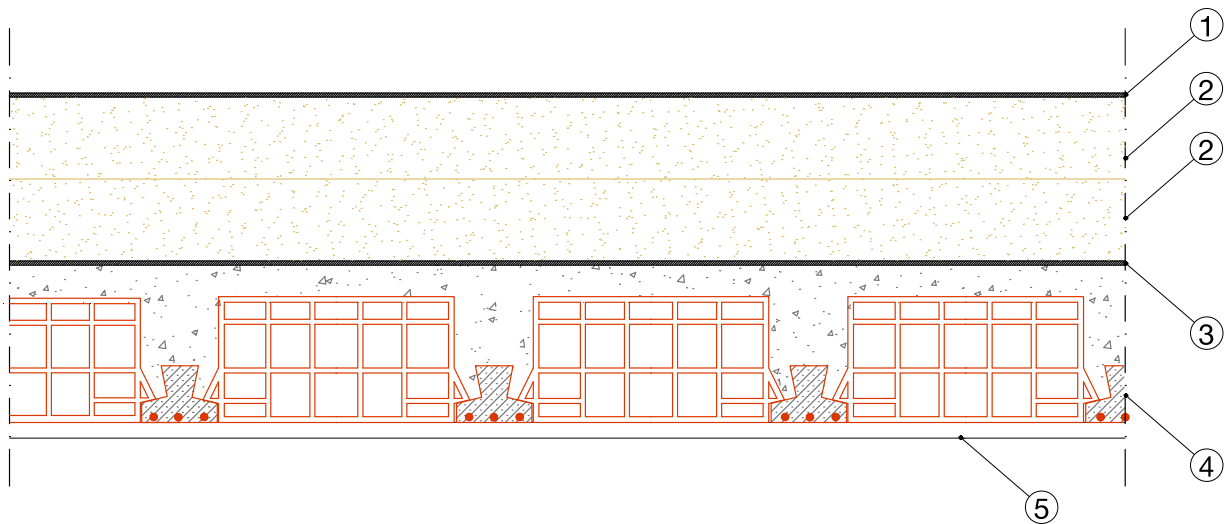
Advantages

- Excellent protection from cold, heat and noise;
- Excellent protection from summer heat thanks to its high thermal displacement;
- High acoustic insulation thanks to the porosity of the insulating panels;
- Available thicknesses from 20 to 160 mm;
- It creates a comfortable living climate;
- Ecologic material with controlled quality, recommended by Natureplus®;
- Hygroscopic material regulates humidity and gives us security over time.

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



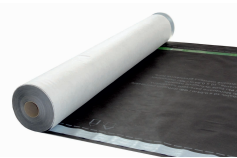
| STRATIGRAPHY



- 1 **Anti-steam barrier Fibertherm multi UDB** Multi-layer polypropylene (PP) sealing membrane with high breathable power and excellent tear resistance.
- 2 **Wood fiber Fibertherm roof (double layer)** Double panel of wood fiber FiberTherm roof density 200 kg/m³ is a rigid insulation specific for the thermal and acoustic insulation of floors and attics. It is a panel characterized by high compressive strength, recyclable and made exclusively with wood from controlled forests in compliance with the FSC guidelines. Guarantees the creation of environments with a high living comfort as well as a truly healthy indoor atmosphere.
- 3 **Anti-steam barrier Fibertherm multi UDB** Multi-layer polypropylene (PP) sealing membrane with high breathable power and excellent tear resistance.
- 4 **Screed** cement or reinforced concrete
- 5 **Plasterboards** or plaster cover



| SYSTEM'S PRODUCTS



FiberTherm **multiUDB** Multi-layer polypropylene (PP) sealing membrane with high breathable power and excellent tear resistance. Density 160 g / m²



FiberTherm **Roof** The FiberTherm Roof panel in wood fiber is a rigid insulation characterized by a high compressive strength, ideal for completely natural insulating ceilings, attics and roofs, ensuring the creation of environments with a high living comfort as well as a truly healthy indoor atmosphere.

The panel is free of any type of toxic substance, it is also recyclable and made exclusively with wood from controlled forests in compliance with the FSC guidelines.

It is produced with a wet system, according to EN 13171 and EN 13986 standards under constant quality control and is characterized by the following thermodynamic characteristics: density approx. 200 Kg/m³, thermal conductivity coefficient $\lambda=0,042$ W/mK, specific heat $c=2100$ J/Kg K, coefficient of resistance to vapor penetration $\mu=5$ and fire reaction class E, according to the standard EN 13501-1.

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SFTHRLC - STR.18.5

| CERTIFICATIONS

The wood fiber screed insulation system FiberTherm roof with wood fiber Fibertherm roof is produced with CE certified materials in accordance with current regulations.



GENERAL SECURITY INSURANCE GUARANTEE
ON THE PRODUCT WITH CORRECT DOCUMENTED
INSTALLATION WITH PHOTOGRAPHS

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