Screed fibertherm on x-lam

Complete screed and attic insulation dry system on x-lam with Fibertherm wood fiber panels density 160 kg/m³

Complete insulating screed system with high performances

DESCRIPTION

Complete screed system on X-lam structure (new or existing) with dry building system which consists in a double layer of rigid wood fiber panels with medium density (160kg/m³) Fibertherm.
Ecological, natural materials, maximum durability over time is guaranteed, with international ETA certification.

On X-lam screed, the system consists in a double layer of Fibertherm wood fiber panels with density 160 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 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 X-lam foundation.
High acoustic performance, naturalness and simplicity of execution.

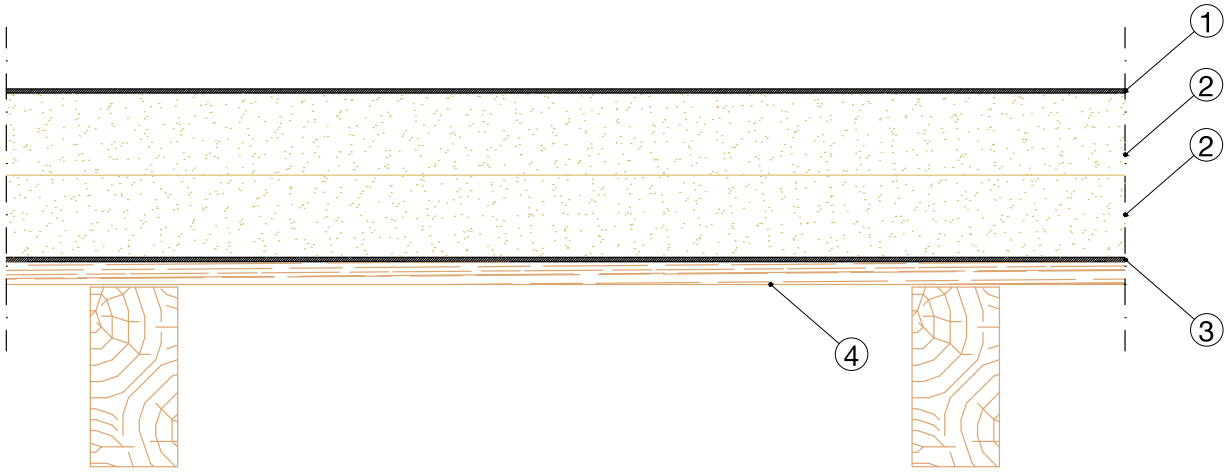
Advantages

- 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 40 to 200 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.

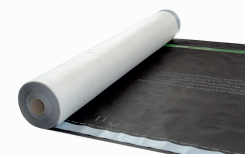
2 Wood fiber Fibertherm (double layer) Double layer of FiberTherm insulating wood fiber panels with a medium density of 160 kg/m^3 . This is a rigid panel suitable to thermal and acoustic insulation of floors and attics. It is a panel produced with wet process, recyclable and made exclusively with wood 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 wooden screed, x-lam



SYSTEM'S PRODUCTS



FiberTherm multiUDB Multi-layer polypropylene (PP) sealing membrane with high breathable power and excellent tear resistance. Density 160 g / m^2

FiberTherm Fibertherm is a wood fiber panel with high thermal and acoustic insulation values, density, optimal breathability and compression resistance to be used in all parts of the building. Ideal for insulation in wooden buildings, but also in renovations and new traditional buildings
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. 160 Kg/m^3, thermal conductivity coefficient λ=0,039 W/mK, specific heat c=2100 J/Kg K, coefficient of resistance to vapor penetration μ=5 and fire reaction class E, according to the standard EN 13501-1.

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SFTHXL - ST R.18.5

Beton Wood

CERTIFICATIONS

The wood fiber screed insulation system on X-lam FiberTherm with wood fiber Fibertherm is produced with CE certified materials in accordance with current regulations.

CE

guaranteed system
WARRANTY 10 YEARS
BetonWood

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