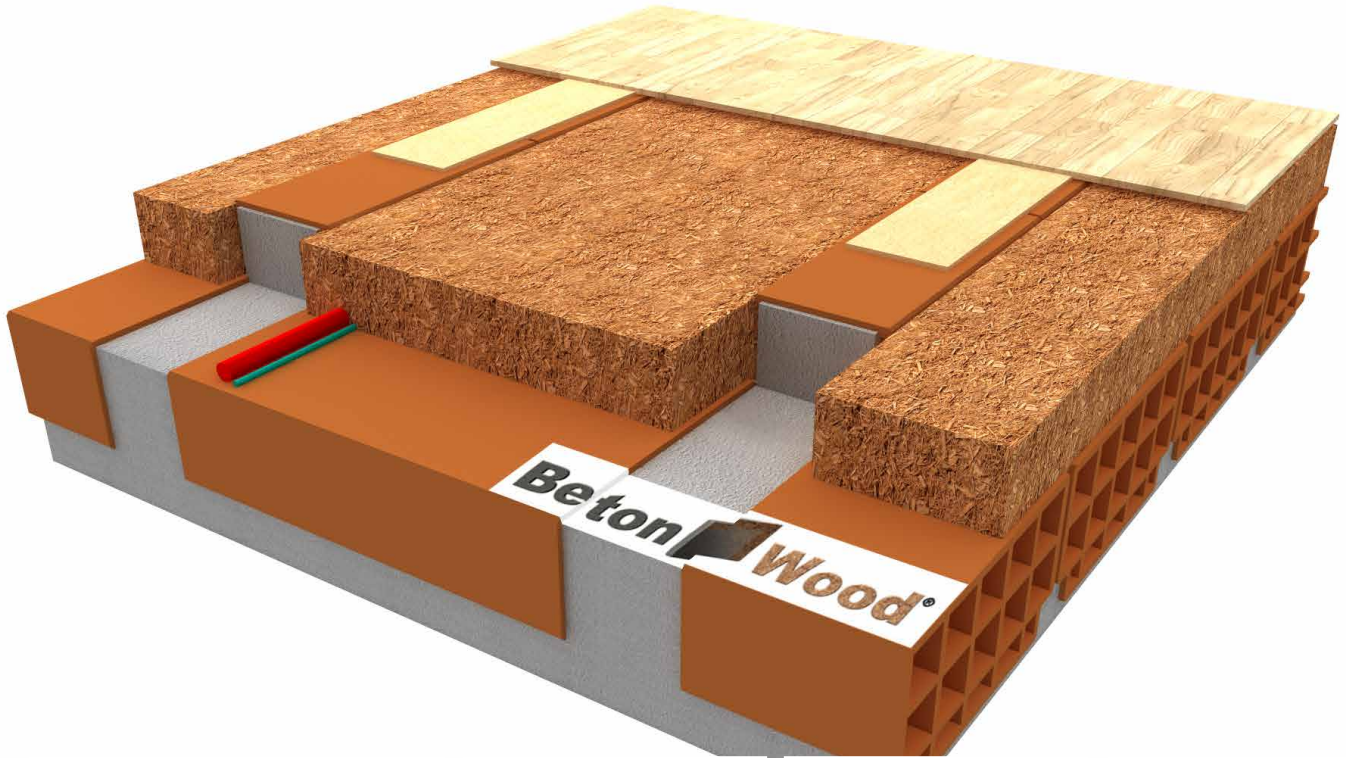


Screed wood fiber flex

Complete screed system with flexible wood fiber Flex density 50 kg/m³ and low thermal conductivity

Beton Wood

Complete insulating screed system with high performances



| DESCRIPTION

Complete system for concrete screeds with tiles supports using the dry system in **FiberTherm Flex flexible wood fiber** density 50+60 kg/m³ interposed between the supports and **Soundstrip** wood fiber strips with density 60 kg/m³. Ecological, natural materials, maximum durability over time is guaranteed, with international ETA certification.

On the extrados of the existing concrete screed, the system consists of a single layer of flexible panels in **FiberTherm Flex wood fiber** density 50+60 kg/m³ having the same height as the side supports of the floor. Above these supports a strip of **FiberTherm Soundstrip** density 60 kg/m³ to acoustically isolate the parquet floor.

Excellent system for an excellent thermal-acoustic insulation of floor screeds.

The stratigraphy consists in natural and ecological wood fiber **FiberTherm Flex** panels interposed between the reinforcement supports of the floor. **FiberTherm Flex** is highly thermal and acoustic insulating, FSC certified, which contributes to the creation and maintenance of a healthy and mild climate in the living spaces. The **FiberTherm Soundstrip** wood fiber insulation strips are laid over the reinforcing supports, above which the parquet floor can be laid.

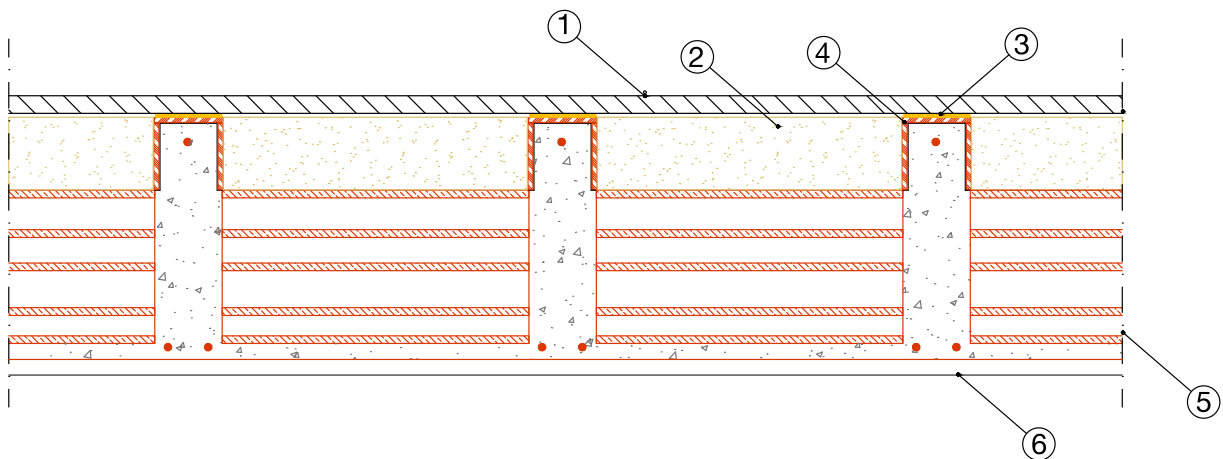
Advantages

- 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 240 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 Wooden floor
- 2 Flexible wood fiber panels **Fibertherm Flex** FiberTherm Flex wood fiber is a flexible insulation, suitable to compression and ideal to insulate intermediate floors in a completely natural way. It is breathable and hygroscopic, thanks to its low thermal conductivity (from 0,036 to 0,038 W/m·K) and high thermal resistance, FiberTherm flex also protects from summer heat. The density, approx. 50 or 60 kg/m³ and the high specific heat, 2100 J/kgK (more than twice the mineral wool), they prevent heat from entering even during the hottest days.
- 3 Insulating strips **Fibertherm Soundstrip** FiberTherm Soundstrip wood fiber with density 60 kg/m³ is an excellent insulating flexible strip suitable to thermal and acoustic insulation of walkable dry screeds and floors. Thanks to its low thermal conductivity and high thermal resistance, FiberTherm soundstrip also protects against summer heat. The density, approximately 60 kg / m³ and the high specific heat, 2100 J / kgK (more than twice the mineral wool), prevent heat from entering.
- 4 Tiles
- 5 Screed cement or reinforced concrete
- 6 Plasterboards or plaster cover



| SYSTEM'S PRODUCTS



FiberTherm Soundstrip With FiberTherm soundstrip it is possible to contribute considerably to the improvement of the insulation of dry floor screeds, by correcting the differences in the components of the screed or the differences in the plasterboard partitions. With the FiberTherm soundstrip wood fiber insulation strip, excellent structural thermal insulation is obtained and the building is provided with help for insulation on walls, floors and floors.

And more: thanks to the low thermal conductivity and the high thermal resistance, FiberTherm soundstrip protects your environment from summer heat. The density, approximately 60 kg/m^3 and the high specific heat, 2100 J/kgK (more than twice the mineral wool), they prevent heat from entering even during the hottest days. In this way you can enjoy a pleasant sleep, even under the roof.



FiberTherm Flex The FiberTherm Flex panel in wood fiber is a flexible insulator, suitable for compression and ideal for insulating roofs, walls and intermediate floors in a completely natural way. FiberTherm Flex presents all the advantages of a natural material such as wood and is also breathable and hygroscopic, thus allowing the realization of isolated environments with high living comfort, where there is a natural regulation of internal humidity. Excellent structural thermal insulation is obtained and the building is provided with the required insulating protection at the level of walls, floors and roof.

Thanks to its low thermal conductivity (from $0,036$ to $0,038 \text{ W/m}\cdot\text{K}$) and with its high thermal resistance, FiberTherm flex protects your environment from summer heat. The density, approximately 50 or 60 kg/m^3 and the high specific heat, 2100 J/kgK (more than twice the mineral wool), they prevent heat from entering even during the hottest days. In this way you can enjoy a pleasant sleep, even under the roof.

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| CERTIFICATIONS

The FiberTherm Flex and FiberTherm Soundstrip wood fiber reinforced concrete floor insulation system is produced with CE certified materials in accordance with current regulations.



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

Beton  **Wood**

