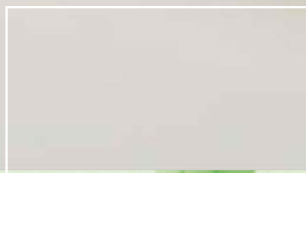


# Fibertherm 160

Thermal insulation in multipurpose rigid wood fiber with 160 kg/m<sup>3</sup> density

**Beton**  **Wood**

Specification



## THERMO-ACOUSTIC INSULATION AS SUBSTRATE IN FLOORS AND ROOFS SYSTEMS

Supply and installation of the thermo-acoustic insulation of floors and roofs with rigid and stable wood fiber panels FiberTherm arranged in double or single layer and with joined joints.

The panel is anchored by mechanical fixing, it is nailed with long head nails or screwed with the covering, or simply rested on a flat and dry surface.

The material has the following thermodynamic characteristics: density  $\delta=160 \text{ Kg/m}^3$ , declared thermal conductivity  $\lambda=0,038 \text{ W/mK}$ , resistance to vapor penetration coefficient  $\mu=5$ , specific heat capacity  $2100 \text{ J/kgK}$ , fire class E according to EN 13501-1, CE certified.

The dimensions of the panels correspond to ... mm for a thickness of ... mm.

The wood used in panel processing comes from forests controlled by reforestation cycles according to the FSC (Forest Stewardship Council®) guidelines.

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)



## ACOUSTIC INSULATION AS FLOORS SUBSTRATE

Supply and installation of the thermo-acoustic insulation of floors with one or more wood fiber FiberTherm panel sub-layers arranged in double or single layer and with joined joints.

The panel is anchored by mechanical fixing, it is nailed with long head nails or screwed with the covering, or simply rested on a flat and dry surface.

The material has the following thermodynamic characteristics: density  $\delta=160 \text{ Kg/m}^3$ , declared thermal conductivity  $\lambda=0,038 \text{ W/mK}$ , resistance to vapor penetration coefficient  $\mu=5$ , specific heat capacity  $2100 \text{ J/kgK}$ , fire class E according to EN 13501-1, CE certified.

The dimensions of the panels correspond to ... mm for a thickness of ... mm.

The wood used in panel processing comes from forests controlled by reforestation cycles according to the FSC (Forest Stewardship Council®) guidelines.



## INTERNAL INSULATION OF WALLS

Supply and installation of the thermo-acoustic insulation in internal insulating coating systems with rigid and stable wood fiber panels FiberTherm arranged inwards and with joined joints.

The panel is anchored by gluing with appropriate mortars and tessellation, and each panel requires at least 5 anchors.

The material has the following thermodynamic characteristics: density  $\delta=160 \text{ Kg/m}^3$ , declared thermal conductivity  $\lambda=0,038 \text{ W/mK}$ , resistance to vapor penetration coefficient  $\mu=5$ , specific heat capacity  $2100 \text{ J/kgK}$ , fire class E according to EN 13501-1, CE certified.

The dimensions of the panels correspond to ... mm for a thickness of ... mm.

The wood used in panel processing comes from forests controlled by reforestation cycles according to the FSC (Forest Stewardship Council®) guidelines.



## COVERED EXTERNAL INSULATION OF WALLS

Supply and installation of the thermo-acoustic insulation in external insulating coating systems with rigid and stable wood fiber panels FiberTherm arranged outwards and with joined joints.

The panel is anchored by gluing with appropriate mortars and tessellation, and each panel requires at least 5 anchors.

The material has the following thermodynamic characteristics: density  $\delta=160 \text{ Kg/m}^3$ , declared thermal conductivity  $\lambda=0,038 \text{ W/mK}$ , resistance to vapor penetration coefficient  $\mu=5$ , specific heat capacity  $2100 \text{ J/kgK}$ , fire class E according to EN 13501-1, CE certified.

The dimensions of the panels correspond to ... mm for a thickness of ... mm.

The wood used in panel processing comes from forests controlled by reforestation cycles according to the FSC (Forest Stewardship Council®) guidelines.

Head office:  
Via Falcone e Borsellino, 58  
I-50013 Campi Bisenzio (FI)

T: +39 055 8953144  
F: +39 055 4640609

info@betonwood.com  
www.betonwood.com

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