

4. FLOORS

Floor with Fibertherm floor wood fiber and BetonWood



Complete dry system for floors with Fibertherm Floor wood fiber panels, a thin mat of Underfloor wood fiber and BetonWood cement bonded particle boards

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STRATIGRAPHY	DESCRIPTION	QUANTITY m ²	PRICE €/m ²	AMOUNT
1 Cement bonded particle boards Betonwood	Pressed cement bonded particle boards with high compactness, density and hardness, resistant to fire, to atmospheric agents, with excellent thermal and acoustic insulation characteristics, with tongue&groove edges. The panels are made of Portland-type concrete conglomerate and debarked Pine wood fiber: high density $\delta=1350 \text{ Kg/m}^3$, coefficient of thermal conductivity $\lambda=0,26 \text{ W/mK}$, specific heat $c=1.88 \text{ KJ / Kg K}$, coefficient of resistance to vapor penetration $\mu=22,6$ and fire reaction class A2-fl-s1, according to EN 13501-1. The dimensions are ... mm for a thickness of ... mm. The wood used in panel processing comes from forests controlled by FSC reforestation cycles and pressed with water and hydraulic binder (Portland cement) with high cold compression ratios.			0
2 Wood fiber Fibertherm Underfloor 250	The wood fiber thin mat FiberTherm Underfloor is a thermo-acoustic insulation with which you get a high improvement of acoustics for pre-finished parquet and laminate floors up to 19 dB. Its thermo-dynamics characteristics: density 250 kg/m^3 , thermal conductivity coefficient $\lambda=0,07 \text{ W/mK}$, specific heat $c=2100 \text{ J/Kg K}$, coefficient of resistance to vapor penetration $\mu=5$ and reaction to fire class E, according to the standard EN 13501-1. The dimensions correspond to ... mm with a thickness of ... mm. FSC certified.			0
3 Wood fiber Fibertherm Floor 160	Insulation floor system with the installation of soundproof wood joists to guarantee the good floor panel fixing system. Wood fiber panel with special tongue&groove profile, excellent sound insulation and sound improvement, high absorption capacity which contributes to a balanced environmental climate. The material is characterized by the following thermodynamic characteristics: density 160 kg/m^3 declared thermal conductivity $\lambda=0,038 \text{ W/mK}$, resistance to vapor penetration coefficient $\mu=5$, specific heat capacity 2100 J/kgK , fire class E according to the standard UNI 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 FSC (Forest Stewardship Council®) guidelines.			0
4 Anti-steam barrier FiberTherm multi UDB	High airtight sealant vapor barrier for renovation solutions. Extreme ease of installation for safe and simple use. It has an integrated adhesive strip to secure joints and can be used as a temporary cover. Size: 1,50 m x 50 m Roll surface: 75m ² Weight approx.160 g/m ²			0
5 Foundation	Existing or new building foundation			

TAX IVA 22%

0

TAXABLE

0

TOTAL AMOUNT

0



The functionality of the system will be covered by a BetonWood guarantee for the characteristics of air tightness, water proofing and isolation of the technological package. The warranty will be documented with the appropriate Certificate and Certificate of Assurance that will be delivered at the end of the work to the DD.LL. from the same layer. The forms are available on the BetonWood website as well as the technical indications, the application matrix and the exclusion clauses.