

2. FLOORS

Floor with Base wood fiber and BetonWood



Complete dry system for floors with Fibertherm Base 250 kg/m³ wood fiber panels, 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 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	
3 Wood fiber Fibertherm Base 250	The FiberTherm Base wood fiber panel is a rigid thermal insulation completely ecological ideal to be used in dry and wet screeds, and walkable floors thanks to its high compression resistance (150 kPa), to its high density 250 kg/m ³ , and to its properties of walking noise insulation. 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. 250 Kg/m ³ , thermal conductivity coefficient $\lambda=0,048 \text{ W/mK}$, specific heat $c=2100 \text{ J/Kg K}$, coefficient of resistance to vapor penetration $\mu=5$ and fire reaction class E, according to the standard EN 13501-1. The dimensions are ... mm for a thickness of ... mm.			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.