6. FLOORS

Floor Betonfiber with cement bonded particle boards

Complete dry system for floors with Betonfiber coupled panels in cement bonded particle boards and Therm wood fiber panels, and BetonWood boards

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Excellent construction system for high performance dry floors.

	STRATIGRAPHY	DESCRIPTION	QUANTITY m²	PRICE €/m²	AMOUNT
1	Floor	Parquet, tiles, gres			0
2	Cement bonded particle boards BetonWood tongue&groove	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 δ=1350 Kg/m³, coefficient of thermal conductivity λ=0,26 W/mK, specific heat c=1.88 KJ / Kg K, coefficient of resistance to vapor penetration μ=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
3	NF57 screws	The screw has a special anti-corrosion coating that guarantees a 1,000-hour salt spray resistance. Under-head with very sharp self-sinking fins for a perfect housing of the head flush with the slab. Spoon tip (spoon) with very high perforation capacity.			0
4	Coupled panels BetonFiber	Panels already coupled of dimensions ... mm and thickness .... mm. The cement bonded particle board BetonWood is realized in cement conglomerate Portland type and debarked Pine wood fiber, with high density (δ=1350 Kg/m³) and with the following thermo-dynamics characteristics: declared thermal conductivity λ=0,26 W/mK, specific heat c=1,88 KJ/Kg K, water vapour diffusion resistance factor μ=22,6 and fire reaction class A2-fl-s1, according to the standard EN 13501-1. The wood used in the processing of cement is from forests controlled by FSC reforestation cycles and pressed with water and hydraulic binder (Portland cement) with high cold compression ratios. The other panel represent the insulating layer and is realized in wood fiber FiberTherm processed according to the standards EN 13171 and EN 13986 under constant quality control. The material is chacterized with the following thermo-dynamic characteristics: density δ=160 Kg/m³, declared thermal conductivity λ=0,039 W/mK, specific heat c=2.100 J/Kg K, water vapour diffusion resistance factor μ=5 and fire reaction class E, according to the standards EN 13501-1. The wood used in the processing comes from forests controlled by FSC reforestation cycles.			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.