

## 14. FLOORS

### Floor double Betonwood on metal sheet



Complete dry system for elevated floors with double layer of BetonWood cement bonded particle boards with high mechanical resistance on metal sheet slab

Complete dry system for elevated floors with double layer of BetonWood cement bonded particle boards with high mechanical resistance on metal sheet slab. Excellent construction system for high performance dry floors.

STRATIGRAPHY	DESCRIPTION	QUANTITY m <sup>2</sup>	PRICE €/m <sup>2</sup>	AMOUNT	
1	<p>Cement bonded particle boards BetonWood tongue&amp;groove</p> <p>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&amp;groove edges. The panels are made of Portland-type concrete conglomerate and debarked Pine wood fiber: high density <math>\delta=1350 \text{ Kg/m}^3</math>, coefficient of thermal conductivity <math>\lambda=0,26 \text{ W/mK}</math>, specific heat <math>c=1.88 \text{ KJ / Kg K}</math>, coefficient of resistance to vapor penetration <math>\mu=22,6</math> and fire reaction class A2-fl-s1, according to EN 13501-1. The dimensions are ... mm for a thickness of ... mm.</p> <p>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.</p>			0	
2	<p>Cement bonded particle boards BetonWood tongue&amp;groove</p> <p>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&amp;groove edges. The panels are made of Portland-type concrete conglomerate and debarked Pine wood fiber: high density <math>\delta=1350 \text{ Kg/m}^3</math>, coefficient of thermal conductivity <math>\lambda=0,26 \text{ W/mK}</math>, specific heat <math>c=1.88 \text{ KJ / Kg K}</math>, coefficient of resistance to vapor penetration <math>\mu=22,6</math> and fire reaction class A2-fl-s1, according to EN 13501-1. The dimensions are ... mm for a thickness of ... mm.</p> <p>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.</p>			0	
3	<p>NF60 screws</p> <p>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. Drill bit that allows a perfect drilling capacity even on high sheet thicknesses.</p>			0	
4	<p>Foundation</p> <p>Slab in corrugated sheet on metal structure / cement-based subfloor</p>				
		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.