




## 12. INTERNAL WALLS

### Partition wall **betonwood** and **wood fiber Therm**

Building systems for the realization of partition and internal walls with cement bonded particle boards type BetonWood and wood fiber Therm

Complete system for the realization of partition and internal walls with cement bonded particle boards type Betonwood and insulating wood fiber panels type Fibertherm. Complete supply of: panels, fixing accessories.

STRATIGRAPHY	DESCRIPTION	QUANTITY m <sup>2</sup>	PRICE €/m <sup>2</sup>	TOTAL	
1 Wood structure	Wood structure				
2 Wood fiber panels FiberTherm 160	Supply and installation of the thermo-acoustic insulation of the vertical wall with FiberTherm wood fiber panels with joined joints. The panels are made of wood fiber with density $\delta = 160 \text{ Kg / m}^3$ and is characterized by the following thermodynamic characteristics: coefficient of thermal conductivity $\lambda = 0.039 \text{ W / mK}$ , specific heat $c = 2100 \text{ J / Kg K}$ , coefficient of resistance to vapor penetration $\mu = 5$ and reaction to fire class E, according to EN 13501-1 standard. The dimensions of the panels correspond to ... mm for a thickness of ... mm. The wood used has FSC mark.			0	
3 Cement bonded particle boards BetonWood N thicknesses 18/20/22mm	The BetonWood N cement bonded particle boards, with high density (1350 Kg/m <sup>3</sup> ), made of Portland-type cement conglomerate and debarked Pine wood fiber. These panels have the following thermo-dynamics characteristics: thermal conductivity coefficient $\lambda=0,26 \text{ W/mK}$ , specific heat $c=1,88 \text{ KJ/Kg K}$ , coefficient of resistance to vapor penetration $\mu=22,6$ and reaction to fire class A2-fl-s1, according to the standard EN 13501-1. Available in the following sizes: 870x515 mm, 1012x515 mm, 1025x515 mm, 1200x500 mm, 1220x500 mm. Thicknesses from 18 to 22 mm. Available with stepped, tongue&groove and sharp edges.			0	
4 Screws NF60	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	
5 Plasterboards	Plasterboards				
		IVA 22%	0	TAXABLE	0
		TOTAL AMOUNT		0	

	<p>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.</p>
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