

11a. FLOORS

Floor Betonradiant and cork on X-lam



Complete dry system for elevated floors with radiant Betonradiant cement bonded particle boards on cork granules and X-lam slab

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Excellent construction system for floating radiant floors on X-lam.

STRATIGRAPHY	DESCRIPTION	QUANTITY m ²	PRICE €/m ²	AMOUNT	
1 Floor	Parquet, tiles, gres			0	
2 Self-leveling mortar Betonultraplan	<p>Self-leveling mortar for interiors of cement sub-floors, concrete slabs, ceramic floors, tiles, natural stones, by applying self-leveling quick-setting cementitious product for thicknesses from 1 to 10 mm (Beton Ultraplan type). The technical features:</p> <ul style="list-style-type: none"> • density mass of the dough (kg/m³): 1900; • flexural resistance (N/mm²): 8,0 (a 28 gg) • compression resistance (N/mm²): 30,0 (a 28 gg) • abrasion resistance (g) <ul style="list-style-type: none"> Taber abrasion - grinder H22 - 550g - 200 turns: 0,7 (to 28 gg) • thickness (mm): 1 - 10 mm • consumption (kg/m²): 1,6 (per mm of thickness) 			0	
3 Radiant panels Betonradiant	<p>Beton Radiant is a modular radiant heating system for the construction of radiant floors and consists of two cement bonded particle boards: one of these is milled to house pipes for radiant floor heating systems, while the other forms the underlying layer. The top panel after laying the pipes is suitable for any surface finish coating. The two panels are coupled in the factory with a patented system and the wood used in their processing comes from FSC forests controlled by reforestation cycles and pressed with water and hydraulic binder (Portland cement) with high cold compression ratios. These panels have the following thermodynamic characteristics: density 1350 kg/m³, coefficient of thermal conductivity $\lambda=0.26$ W/mK, specific heat $c=1.88$ KJ/kg K, coefficient of resistance to vapor penetration $\mu=22.6$ and reaction class to A2 fire, according to EN 13501-1. The panels size is ... mm and the thickness is ... mm.</p>			0	
4 Bond cork rolls Corkrolls	<p>The blond cork roll with a thickness of 3 mm has the following thermodynamic features: density 200 Kg/m³, thermal conductivity coefficient $\lambda=0,037$ W/mK, specific heat $c=1674$ J/Kg K, coefficient of resistance to vapor penetration $\mu=10\div 13$ and fire reaction class 2, according to the Circ. Min. Interno 14/09/1961, n. 91. Granulometries: from 3/12 mm to 3/5 mm.</p>			0	
5 Foundation	X-lam foundation				
		TAX IVA 22%	0	TAXABLE	0
		TOTAL AMOUNT		0	