Floor Betonradiant and Base on X-lam

Complete dry system for elevated floors with radiant Betonradiant cement bonded particle boards on Fibertherm Base wood fiber panels and X-lam slab

Complete dry system for elevated floors with radiant Betonradiant cement bonded particle boards on Fibertherm Base wood fiber panels and X-lam slab. Excellent construction system for floating radiant floors on X-lam.

	STRATIGRAPHY	DESCRIPTION	QUANTITY m²	PRICE €/m²	AMOUNT
1	Floor	Parquet, tiles, gres			0
2	Self-leveling mortar Betonultraplan	Self-leveling mortar for interiors of cement substrates, concrete slabs, ceramic floors, tiles, natural stone, by applying quick-setting self-leveling cement product. The technical characteristics: density of the mixture 1900kg/m³; flexural strenght 8,0 N/mm² (a 28 gg); compressive strenght 30,0 N/mm² (a 28 gg); abrasion resistance - grinder H22 - 550g-200 turns: 0,7 (a 28 gg); thickness 1-10 mm; consumption 1,6 kg/m² per mm			0
3	Radiant panels Betonradiant	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, coe cient 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 reaction class to A2 fire, according to EN 13501-1. The panels size is ... mm and the thickness is ... mm.			0
4	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/m³, 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/m3, thermal conductivity coefficient λ=0,048 W/mK, specific heat c=2100 J/Kg K, coefficient of resistance to vapor penetration μ=5 and fire reaction class E, according to the standard EN 13501-1. The dimensions are ... mm for a thickness of ... mm.			0
5	Self-leveling mortar Betonultraplan	Self-leveling mortar for interiors of cement substrates, concrete slabs, ceramic floors, tiles, natural stone, by applying quick-setting self-leveling cement product. The technical characteristics: density of the mixture 1900kg/m³; flexural strenght 8,0 N/mm² (a 28 gg); compressive strenght 30,0 N/mm² (a 28 gg); abrasion resistance - grinder H22 - 550g-200 turns: 0,7 (a 28 gg); thickness 1-10 mm; consumption 1,6 kg/m² per mm			0
6	Foundation	X-lam 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.