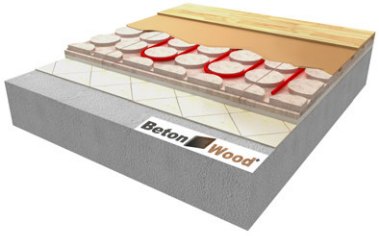
8a. FLOORS



Floor Betonradiant styr EPS

Complete dry system for elevated floors with radiant Betonradiant styr EPS panels made by cement bonded particle boards and insulating expanded polystyrene

Complete dry system for elevated floors with radiant Betonradiant styr EPS panels made by cement bonded particle boards and insulating expanded polystyrene. Excellent construction system for floating radiant floors.

	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 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: • 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) 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 Styr EPS	The system is made up of a cement bonded particle board on which cylinders creates the spaces intended to laying the heating pipes of the rooms. This type of panels can be used in traditional dry screeds and elevated fl oors on loose materials or on height-adjustable supports. The above panel and the cylinders are made of Portland-type concrete conglomerate and high-density debarked pine wood fiber (1350kg/m³) and with the following thermodynamic characteristics: coeff. 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 fire A2- -s1, according to EN 13501-1 standard. The cylinders, BetonWood type, are coupled to the base panel in the factory and have thickness ... mm, the space between one rod and the other creates the space for housing the pipes of diameter ... mm. The base panel with a thickness of ... mm, is coupled also with an insulating panel made of expanded polystyrene (EPS). This panel is characterized by the following thermodynamic characteristics: coefficient of thermal conductivity λ=0,026÷0,036 W/mK, specific heat c=1,450 J/kg K, coeff. of resistance to vapor penetration μ=50÷100. The panel is supplied already coupled with dimensions ... mm.			0
4	Foundation	Existing or new building foundation			

TAX IVA 22%	0	TAXABLE	0
		TOTAL AMOUNT	0

Beton Wood®

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.