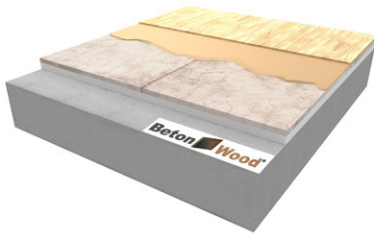


## 5a. FLOORS

### Floor Betonstyr EPS with self-leveling mortar



Complete dry system for floors with BetonStyr EPS coupled panels in cement bonded particle boards and expanded polystyrene, and self-leveling mortar

Complete dry system for floors with BetonStyr EPS coupled panels in cement bonded particle boards and expanded polystyrene, and self-leveling mortar.  
Excellent construction system for high performance dry floors.

STRATIGRAPHY	DESCRIPTION	QUANTITY m <sup>2</sup>	PRICE €/m <sup>2</sup>	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"> <li>• density mass of the dough (kg/m<sup>3</sup>): 1900;</li> <li>• flexural resistance (N/mm<sup>2</sup>): 8,0 (a 28 gg)</li> <li>• compression resistance (N/mm<sup>2</sup>): 30,0 (a 28 gg)</li> <li>• abrasion resistance (g) <ul style="list-style-type: none"> <li>• Taber abrasion - grinder H22 - 550g - 200 turns: 0,7 (to 28 gg)</li> </ul> </li> <li>• thickness (mm): 1 - 10 mm</li> <li>• consumption (kg/m<sup>2</sup>): 1,6 (per mm of thickness)</li> </ul>			0	
3 Coupled panels BetonStyr EPS	<p>Beton Styr EPS is an extremely versatile product as it is suitable for many building applications, because the advantages of two materials are combined in one coupled: on one side a material with a high mass and high compressive strength, the BetonWood cement bonded particle boards high density, indispensable for obtaining an adequate thermal displacement and a great noise reduction, on the other an expanded polystyrene panel characterized by lightness, high insulating capacity and easy processing. The cement bonded particle board has the following thermodynamic characteristics: density 1350 Kg/m<sup>3</sup>, coefficient of thermal conductivity <math>\lambda=0.26</math> W/mK, specific heat <math>c=1.88</math> KJ/kg K, coefficient of resistance to vapor penetration <math>\mu=22.6</math> and reaction class to A2 fire, according to EN 13501-1. The expanded polystyrene is characterized by the following thermodynamic characteristics: density 15÷35 kg/m<sup>3</sup>, coefficient of thermal conductivity <math>\lambda=0,026\div0,036</math> W/mK, specific heat <math>c=1,450</math> J/Kg K, coefficient of resistance to vapor penetration <math>\mu=50\div100</math>. Both materials are CE certified.</p>			0	
4 Foundation	Existing or new building 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.