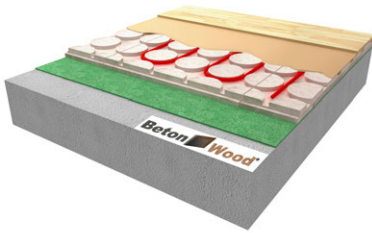


## 10. FLOORS

### Floor **Betonradiant** on **Underfloor** wood fiber mat



Complete dry system for elevated floors with radiant **Betonradiant** cement bonded particle boards on a thin mat of **Fibertherm Underfloor** wood fiber

Complete dry system for elevated floors with radiant **Betonradiant** cement bonded particle boards on a thin mat of **Fibertherm Underfloor** wood fiber. Excellent construction system for floating radiant floors.

| STRATIGRAPHY                                 | DESCRIPTION   | QUANTITY m <sup>2</sup> | PRICE €/m <sup>2</sup> | AMOUNT |
|--|---|-------------------------|------------------------|--------|
| 1 Floor                                      | Parquet, tiles, gres  |                         |                        | 0      |
| 2 Self-leveling mortar<br>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: <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)</li> <li>• Taber abrasion - grinder H22 - 550g - 200 turns: 0,7 (to 28 gg)</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 Radiant panels<br>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/m <sup>3</sup> , coefficient 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<br>Fibertherm<br>Underfloor 250 | The wood fiber thin mat <b>FiberTherm Underfloor</b> is a thermo-acoustic insulation with which you get a high improvement of acoustics for pre-finished parquet and laminate floors up to 19 dB. Its thermo-dynamics characteristics: density 250 kg/m <sup>3</sup> , thermal conductivity coefficient λ =0,07 W/mK, specific heat c=2100 J/Kg K, coefficient of resistance to vapor penetration μ=5 and reaction to fire class E, according to the standard EN 13501-1. The dimensions correspond to ... mm with a thickness of ... mm. FSC certified.  |                         |                        | 0      |
| 5 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.