

## 15a. SLABS

### Screed **double Betonwood** and Base on metal sheet

Complete dry system for elevated screeds with double layer of BetonWood cement bonded particle boards and Base wood fiber panels on metal sheet slab



Complete dry system for elevated screeds with double layer of BetonWood cement bonded particle boards and Base wood fiber panels on metal sheet slab.  
Excellent construction system for high performance dry screeds.

STRATIGRAPHY	DESCRIPTION	QUANTITY m <sup>2</sup>	PRICE €/m <sup>2</sup>	AMOUNT
1 Cement bonded particle boards BetonWood tongue&groove	Pressed cement bonded particle boards with high compactness, density and hardness, resistant to fire, to atmospheric agents, with excellent thermal and acoustic insulation characteristics, with tongue&groove edges. The panels are made of Portland-type concrete conglomerate and debarked Pine wood fiber: high density $\delta=1350 \text{ Kg/m}^3$ , coefficient of thermal conductivity $\lambda=0,26 \text{ W/mK}$ , specific heat $c=1.88 \text{ KJ / Kg K}$ , coefficient of resistance to vapor penetration $\mu=22,6$ and fire reaction class A2-fl-s1, according to EN 13501-1. The dimensions are ... mm for a thickness of ... mm. The wood comes from forests controlled by FSC reforestation cycles.			0
2 Cement bonded particle boards BetonWood tongue&groove	Pressed cement bonded particle boards with high compactness, density and hardness, resistant to fire, to atmospheric agents, with excellent thermal and acoustic insulation characteristics, with tongue&groove edges. The panels are made of Portland-type concrete conglomerate and debarked Pine wood fiber: high density $\delta=1350 \text{ Kg/m}^3$ , coefficient of thermal conductivity $\lambda=0,26 \text{ W/mK}$ , specific heat $c=1.88 \text{ KJ / Kg K}$ , coefficient of resistance to vapor penetration $\mu=22,6$ and fire reaction class A2-fl-s1, according to EN 13501-1. The dimensions are ... mm for a thickness of ... mm. The wood used in panel processing comes from forests controlled by FSC reforestation cycles and pressed with water and hydraulic binder (Portland cement) with high cold compression ratios.			0
3 NF60 screws	The screw has a special anti-corrosion coating that guarantees a 1,000-hour salt spray resistance. Under-head with very sharp self-sinking fins for a perfect housing of the head flush with the slab. Drill bit that allows a perfect drilling capacity even on high sheet thicknesses.			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 $250 \text{ kg/m}^3$ , 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. $250 \text{ Kg/m}^3$ , thermal conductivity coefficient $\lambda=0,048 \text{ W/mK}$ , specific heat $c=2100 \text{ J/Kg K}$ , coefficient of resistance to vapor penetration $\mu=5$ and fire reaction class E, according to the standard EN 13501-1. The dimensions are ... mm for a thickness of ... mm. The panel is made exclusively with wood from controlled forests in compliance with the FSC guidelines.			0
5 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.