

24a. FLOORS

Floor on metal sheet BetonWood and Cork panels LIGHT



Complete dry system for elevated floors con pannelli di irrigidimento Betonwood, isolante sottile in sughero e lamiera a coda di rondine

Sistema completo a secco per pavimenti con pannelli in cementolegno BetonWood, pannelli sottili in sughero biondo isolante, lamiera con profilo a coda di rondine e supporti ad altezza regolabile.
Ottimo sistema per un ottimo isolamento termo-acustico di pavimenti.

STRATIGRAPHY	DESCRIPTION	QUANTITY m ²	PRICE €/m ²	AMOUNT
1 Cement bonded particle boards BetonWood thickness 18/20/22mm	Pressed cement bonded particle boards with high compactness, density and hardness, resistant to fire, to atmospheric agents, with excellent thermal and acoustic insulation characteristics. 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.			0
2 NF57 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
3 Cork Panels thickness 3mm	Blond cork panels with a thickness of 3 mm is characterized by thermo-dynamics characteristics: density 200 Kg/m^3 , thermal conductivity coefficient $\lambda=0,037 \text{ W/mK}$, specific heat $c=1674 \text{ J/Kg K}$, coefficient of resistance to vapor penetration $\mu=10\div13$ and fire resistance 2, according to the Circ. Min. Interno 14/09/1961, n. 91.			0
4 Dovetailed sheeting Beton metal sheet 16mm	The profile of the Beton metal sheet Dovetailed sheeting has a unique S-shaped geometry as a result of which the highest possible load bearing capacity of the floor is ensured by the composite action between the sheet and the fine grade aggregate concrete or self-levelling liquid screed. The dimensionally stable profiling ensures an exact fit between the sheets. Leakage between the overlapping seams will not occur even when high slump concrete or a self-levelling liquid screed is used. An optimal filling load can also be realised with the special S-shaped geometry and the dovetailed sheet can be safely walked upon during the implementation phase.			0
5 Foundation	Existing or new building foundation			0
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.