



3. EXTERNAL WALLS

Cork thermal insulation system cork panels

Ecologic thermal and acoustic insulation systems for external walls in blond cork panels type Cork Panels

Complete external thermal composite system using blond cork panels type Cork panels with densities 150±160 kg/m³, ETA certified. Complete supply of: insulation panels, skimming and fixing accessories.

STRATIGRAPHY	DESCRIPTION	QUANTITY m ²	PRICE €/m ²	TOTAL
1 Wall	Masonry, wood, or X-Lam wall			
2 Glue/skimming layer Beton AR1 GG	Monocomponent cementitious mortar for bonding and smoothing thermal insulation panels and "thermal insulation composite systems" (ETICS). Consumption: 4,0 - 6,0kg/m ² depending on the bonding technique			0
3 Angular starter base Beton DripStarter PVC	PVC profile with thermosealed glass fiber mesh 165 gr / m ² certified ETAG004. Sealed connection between the starting base and the armed skimming layer. It interrupts the flow of water avoiding infiltrations. Prevents cracking in the plinth area. Size 2,5x0,125 m. 25 pieces/package.			0
4 Anti-humidity panel Styr XPS	Starting panel in Styr XPS extruded polystyrene that protects the panels from rising damp coming from the bottom. Height 30 cm			0
5 Blond cork CorkPanels	Panel in blond cork with density 150±160 Kg/m ³ non-toxic, biologically pure, unalterable, waterproof, breathable, resistant, suitable for making ETAG-certified thermal insulation composite systems. CorkPanel is a natural insulating panels made in italian blond cork for thermal insulation composite systems. It is an agglomerate or compressed for thermal and acoustic insulation particularly suitable for humid, breathable and anti-mold environments. It is resistant to climate changes and to frost and insects / fungi are not able to attack or damage it. Declared thermal conductivity λD [W/(m*k)] 0,041. Available in 1.000x500 mm size. Thicknesses from 3 to 100 mm.			0
6 BetonFix FIF-CS8 or BetonFix 6H-NT (depends on the support type)	ON MASONRY - BetonFix FIF-CS8 The composite screw minimizes the thermal bridge so that no traces appear on the façade. Less bit wear and puncture time thanks to a minimum installation depth of 35 mm in the support. The disc adapts perfectly to the insulation allowing the application of thin skimming layers. or ON WOOD - BetonFix 6H-NT Pre-assembled fastening with the Power-Fast certified screw. This guarantees a secure grip on the support material. The minimum screwing depth of 30 mm ensures fast assembly. It is not necessary to pre-drill.			0
7 Glue/skimming layer Beton AR1 GG	Monocomponent cementitious mortar for bonding and smoothing thermal insulation panels and "thermal insulation composite systems" (ETICS). Consumption: 4,0 - 6,0kg/m ² depending on the bonding technique			0
8 Net BetonGlass 160	Alkali-resistant glass fiber reinforcement net, suitable for reinforcing skimming layer on new or recovered plasters, designed for insertion into thermal insulation systems. 50 mq rolls. Yield 1.10 sqm required per effective square meter.			0
9 Glue/skimming layer Beton AR1 GG	Monocomponent cementitious mortar for bonding and smoothing thermal insulation panels and "thermal insulation composite systems" (ETICS). Consumption: 4,0 - 6,0kg/m ² depending on the bonding technique			0
	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.