



RECYCLED ECOLOGICAL PRODUCT

One of the characteristics which makes Expanded Cork Board an ecological product is its capacity to be recycled.

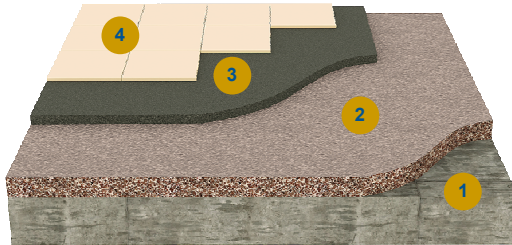
The result of this recycling is the Granulate of Expanded Cork, which is obtained by granulating the Expanded Cork Board.



Technical features

	Density	Dosage			Weight	Compression	Thermal cond.	Acoustic absorption		
		Cement	Sand	Gran.				Bass	Medium	High
Thermal conductivity coefficient	From 65 to 80 Kg/m ³									
	0,045 to 0,050 W/mK									
Granulometry	0-2, 2-4, 2-9, 3-15, 4-8 e 4-10mm	1	0	4	500	6	0,18	0,22	0,70	0,84
		1	2	6	900	11	0,24	0,16	0,20	0,48

DIRECT INCORPORATION INTO CONCRETE LIGHT WEIGHT CONCRETE)



- 1 Slab 2 Light weight concrete with formation of slope 3 Screed 4 Final pavement

FILLING OF FLOOR VOIDS



- 1 Slab 2 Expanded Cork Board - ICB or Regranulate of Expanded Cork 3 Strips of Compound Cork Agglomerate (3 to 5mm thick) 4 Wooden flooring

ACOUSTIC TEST - LIGHT WEIGHT CONCRETE WITH EXPANDED CORK

14 cm concrete slab
7 cm light weight concrete with ICB
4 cm screed
Final pavement

Ln,r,w = 62 dB

Use / benefits

Direct incorporation into concrete (light weight concrete) makes residential floors more light weighted, with thermal and sound advantages.

Use / benefits

The filling of air voids on flooring allows an acoustic and thermal correction

EUROPEAN TECHNICAL APPROVEMENT

ETA 15/0300 LNEC