



MOLSUBER

CORK GRAINS

TECHNICAL REPORT



PRODUCT DESCRIPTION

Natural cork grains obtained grinding the cork oak bark, to be used in different ways in the field of acoustic and thermal insulation.

The cork oak bark is an epidermic tissue that covers and protects the cork oak from thermal shocks, known and used already in ancient times as roofs covering. The cork is a material having excellent thermal and acoustic features, with remarkable steam transpirability, unassailable by moulds and pests.

GREEN BUILDING PARAMETERS

Natural product, environmentally friendly, without formaldehyde, harmless to human health, without solvents and without risks of radio emissive components, high thermal and acoustic insulation, atoxic, without harmful radiations.

Owing to the mixing, it is not subject to any weight reduction.

The natural cork “blonde coloured” has not the obligation to be covered by CE mark, because actually there are no reference standards to apply.

PACKAGING

Polypropylene bags each of $\pm 10/12$ Kg – Pallett of 33 bags

ITEM SPECIFICATIONS

Mix with concrete or with granulated cork glazers for underfloor screeds (“floating floor”). To use for crawl spaces, lightening of ceilings and attics, sloping roofs, flats roofs.

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TECHNICAL FEATURES

DENSITY AND SPECIFIC WEIGHT	90 KG/m ³
GRAIN SIZE	4-14 mm / 2-4 mm
STABILITY OVER TIME	UNLIMITED
MIXING 8 BAGS OF CORK GRAIN WITH 200 KG OF CONCRETE 325 WE GET:	
SPECIFIC WEIGHT	330 KG/M ³
THERMAL CONDUCTIVITY	0,065 Kcal/m ² h°C
RESISTANCE TO COMPRESSION	25 KG/cm ²

Example: for 25 m² of floor having 15 cm we need: $25 \times 0,15 = 3,75 \text{ m}^3$ cork grains, that means 30 bags of cork grains and about 750 kg of concrete

The contents of this technical report are bound, according to correspondence and truthfulness, only if confirmed by the stamp and counter-signature affixed by our office by personnel authorized for this purpose. Any discrepancies, from the original text, in relation to the contents and indications of use, will not imply any responsibility by our company. Furthermore, owing to the extreme variability of the application conditions, the suggested instructions are merely indicative; the user is therefore obliged to previously and personally test our products to avoid suitability for the intended use. It discharges the obligations under Article 62, paragraph 1, of the Decree Law January 24, 2012, No. 1, converted, with amendments, by the Law March 24, 2012, No. 27.

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