

malte del piave

BETONCINO

High-resistance, traditional grout



Product description

Pre-dosed grout, based on inerts selected in an adequately reconstructed grading curve from 0 to 4 mm, hydraulic binder, hydrated lime and special additives.

Supply and Storage

BETONCINO is supplied in polyethylene bags, on stretch pallets. Store in a cool, dry and non ventilated place. Keep packaging intact. Use before expiry date stated on the bag.



Surface Preparation and Application

The areas affected by irregularities greater than 2 cm should be prepared with at least 48 hours in advance, with a filling of the same GROUT, avoiding the use of too much water during dough preparation, as this might lead to a decrease in mechanical strength. Prepare the dough by adding about 12-15 liters of water per 100 kg of product. Stir in mixer and add water if necessary to achieve optimal consistency. After having placed the guides, preferably with the same GROUT, start working by applying the product up to a thickness of about 1.5 cm per layer, with a time interval of 24-48 hours inbetween layers. After a few minutes, even off with the aluminum level. Given the high mechanical strength and fields of use of the GROUT, it is recommended that, before applying any finish work or coating, to allow the product to fully cure.

Fields of use

BETONCINO is a product used for manual applications, that may be applied onto interior and exterior surfaces like bricks, rough concrete, blocks and

plaster port network and in all cases in which walls require the use of high-thickness reinforced plasters. Because its high mechanical strength, it is used as structural plaster. It should not be applied onto gypsum, painted or crumbly and insubstantial surfaces. It may also be used as masonry mortar, where particular mechanical strength is required and in consolidation work and restoration in general.

Specifications

The surfaces to be plastered must be clean, stable, eventually humidified and must have a level surface. Each inconsistent part must be removed or consolidated. The surfaces thus prepared may be plastered with GROUT from Fornaci Calce Grigolin, based on selected inerts, hydraulic binders and special additives to improve workability. For use in reinforced plaster with arc-welded mesh, port-plaster or other types of reinforcement, this mesh must be embedded in the last layer of plaster.

Technical data according to the UNI EN 998-1 Standard

Maximum diameter	4 mm.
Plastic withdrawal	Absent in standard thermohygro-metric conditions
Water in the mix	approx. 18%
Min. application thickness	1.5 cm
Consumption	19 kg/m ² for 1 cm. thickness
Mechanical resistance to flexion at 28 days	> 4,5 N/mm ²
Mechanical resistance to compression at 28 days	> 12 N/mm ²
Water vapor permeability ↔	14
Water absorption	W0
Adhesion to brick	1,1 N/mm ²
Fracture type (FP)	0.90 W/mK (tabulated value)
Fire resistance	A1 class
Thermal conductivity	A

Disclaimers

Do not mix GROUT with other substances. Avoid extreme changes in heat while hardening. The product must be protected from frost and rapid drying. Avoid using GROUT when temperatures are below +5°C or above +30°C. For extended surfaces we recommend the implementation of joint separation. Any finish or coating should be done by well-seasoned product.

I dati riportati si riferiscono alle prove di Controllo Qualità in condizioni ambientali normalizzate. Applicazioni pratiche di cantiere a seconda delle condizioni di esercizio possono rilevare dati sensibilmente modificati, pertanto le informazioni presenti nella Scheda hanno valore puramente indicativo in quanto l'utilizzatore deve sempre verificare l'identità nell'impiego del prodotto assumendosi la responsabilità derivante dall'uso. Fornaci Calce Grigolin S.p.A. si riserva di apportare modifiche tecniche di qualsiasi genere e senza alcun preavviso.

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