



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 verificarne l'adattabilità 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 senza alcun preavviso.



ZG 21

Waterproof background plaster for zoccolature



Product description

Dry premix based on selected inerts, special binders, water proofing agent and additives aimed at improving workability and grip..

Supply and Storage

ZG21 is supplied in bags on pallets with stretch. Store in a cool, dry and non ventilated place. Keep packaging intact. Use before the expiry date stamped on the bag.

Fields of use

ZG21 is used as a background plaster for zoccolatura work on interior and exterior surfaces like brick, block, etc. The application must always be executed on surfaces free of dust, efflorescence, oils, fats and disarming.

ZG21 should not be applied to gypsum, inconsistent and brittle surfaces. Due to its specific formulation, it may be applied directly on concrete surfaces. For use on particular areas, consult our technical service.

ZG 21

Surface Preparation and Application

Areas affected by irregularities larger than 2 cm should be prepared at least 48 hours in advance with a filling of the same ZG21, avoiding the use of too much water during dough preparation, which might lead to a decrease in mechanical strength.

For the application, operate as follows:

Having positioned the paraspigoli, preferably with the same ZG21 and set the water mixture to obtain a mortar of consistent and plastic appearance, you may start working at a distance of about 20 cm in order to obtain a thickness of about 1-2 cm per coat.

After a few minutes, even off with the aluminum level.

In order to obtain an optimal surface area with a low absorbance, we recommend that you make the finishing without resorting to “scratching” the surface. Given the specific uses of the ZG21, it is recommended to complete the finishing with arteMURI mineral coatings, siloxane class XIL2 INTO 0.7 ÷ 2.5 mm or Acrylics class ONE COAT 0.7 ÷ 2.5 mm.

Specifications

The surfaces to be plastered must be clean, stable, and show no traces of disarming. Particularly absorbant surfaces must be thoroughly bathed a few hours before application. Each inconsistent part must be removed or consolidated. The surfaces thus prepared may be plastered either manually or by a lung-screw machine with the ZG21 plaster from Fornaci Calce Grigolin, dry premix, special for zoccolatura work, based on selected inerts, special hydraulic binders, waterproofing agent and special additives for improving workability and grip, at a rate of 16-18 kg/m². The minimum application thickness will be of 1.5 cm.

Disclaimers

Do not mix ZG21 with other substances. Avoid extreme changes in heat while hardening. The product must be protected from frost and rapid drying. Do not use ZG21 when temperatures are below +5°C or above +30°C. All decorations, paintings or similar must be applied after the complete seasoning of the product.

ZG 21

Technical data according to the UNI EN 998-1 Standard	performance
Specific weight	1.550 kg/m ³ determined in free fall
Maximum diameter	2 mm
Water in the mix	20% approx
Consumption	16/18 kg/m ²
Mechanical resistance to flexion at 28 days	≥ 4 N/mm ²
Mechanical resistance to compression at 28 days	≥ 12 N/mm ²
Water vapor permeability μ	20
Adhesion to brick	≥ 0.3 N/mm ²
Fracture type	B
Water absorption	W2
Fire resistance	class A1
Plastic withdrawal	Absent in standard thermohygrometric conditions
Thermal conductivity λ	0,73 W/mK (tabulated value)
Pot life	2 hours

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