



FG 05

Dry fine mortar, lime-based, for interiors



Product description

Dry premix, based on selected inerts, hydrated lime, special additives.

Supply and Storage

FG05 is supplied in bags on stretch pallets. Store in a cool, dry and non ventilated place. Keep packaging intact. Use before expiry date stated on the bag.

Fields of Use

FG05 may be used as an interior finish on rough plaster (such as our own IG14, IG28, FG12, etc.) using the "fresh on fresh" technique. FG05 should not be applied to gypsum, painted or crumbly and insubstantial surfaces. Do not apply on concrete and on surfaces with irregularities in excess of 3-4 mm. Avoid use on completely dried plaster.

FG 05

Surface Preparation and Application

The surfaces must be linear, uniform and humid. Remove any dust before application by “scratching” or scraping.

For the application, proceed as follows:

Verify that the surface is wet, moisten if necessary; prepare the dough by adding about 43 lt of water x 100 kg of dry product, stir well, avoiding in any case an excessive incorporation of air. The dough thus prepared should be left to stand for 15 minutes. Apply with metal spatula into two or more coats, crossing the direction of application. The material thus applied can be finished with plastic to obtain the so-called “crushed finishing”, or it may also be done with the sponge float, dampened if necessary, to obtain an area without seams and overlappings. If application is done on dry plaster, mix with PRG10 diluted 1:10 or apply the same on the plaster background.

Specifications

The interior surfaces that need finishing must be perfectly flat and homogeneous. The surfaces thus prepared can be finished with a civil finish with the fine, dry mortar for interiors FG05 from Fornaci Calce Grigolin, dry premix based on selected inert, aerial binder and specific additives for improving workability and grip. The application will be performed by hand with metal spatula applying the material in two coats, crossing the way of application, up to a thickness of no more than 3 mm, at a rate of 2-3 kg/m². Finish off with a sponge float.

Disclaimers

Do not mix FG05 with other substances. Avoid extreme heat changes while hardening. The product must be protected from frost and rapid drying (wind or sunlight). We do not recommend using FG05 when temperatures are below +5°C or above +30°C. FG05 should not be covered with coatings or little breathable paints which may possibly prevent carbonatation and the evaporation of residual moisture of the substrate, thus giving birth to cracks or peeling of the finish itself.

FG 05

Technical data according to UNI EN 998-1 Standard	performance
Specific weight	1000 kg/m ³ determined in free fall
Maximum diameter	0,8 mm
Water in the mix	43% approx
Consumption	2-3 kg/m ² for 3 mm. thickness
Mechanical resistance to flexion at 28 days	≥ 0,8 N/mm ²
Mechanical resistance to compression at 28 days	≥ 1,1 N/mm ²
Water vapor permeability μ	5
Grip to brick	≥ 0.1 N/mm ²
Fracture type (FP)	B
Water absorbtion	W0
Fire resistance	class A1
Plastic withdrawal	Absent in standard thermohygrometric conditions
Thermal conductivity λ	0,36 W/mK (tabulated value)
Maximum application thickness	3 mm

v. 03/2021

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'idoneità 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.