

finishings and skim plasters

FG 55 B

Lime based finish plaster for interior and exterior surfaces, white color

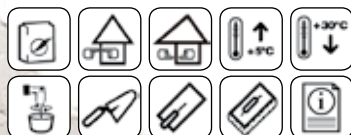


Product description

Dry premix based on light-colored selected inerts, binders based on high purity aerial lime and low content of soluble salts, small amounts of hydraulic binder and highly biodegradable special additives

Supply and Storage

FG55B is supplied in bags on pallets with stretch. Store in a cool, dry and non ventilated place. Keep packaging intact



Surface preparation and Application

The surfaces must be level, uniform and humid. Before application, remove any dust caused by "brushing" or scraping. For the application, proceed as follows: Verify that the surface is wet or moisten if necessary. Mix 45 lt of water x 100 kg of dry product, stir well to avoid excessive air incorporation. Let the dough rest for approx. 15 minutes. Apply with metallic spatula into two or more layers crossing direction of application. The material thus applied may be finished with plastic float 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 the application is made on absorbent plaster, apply on the plaster a coated of PRG 10 diluted 1:10 or apply the same on the base plaster.

Fields of use

FG55B may be used as an interior finish on new rough plaster (such as our IG14, IG28, FG12, etc.), using the "fresh on fresh" technique. FG55B should not be used on gypsum, painted or inconsistent and brittle surfaces. Do not apply on concrete or on surfaces with irregularities larger than 3-4 mm. Avoid use on completely dried plaster.

Specifications

The plasters to be finished must have surfaces which are perfectly flat and homogeneous. The surfaces thus prepared may be finished with the dry fine mortar FG55B from Fornaci Calce Grigolin, dry premix based on light-colored selected inerts, hydrated lime and special additives to improve workability and grip. The application will be performed by hand with a metallic spatula, applying the material in two layers, crossing the direction of application, up to a thickness not exceeding 3 mm, at a rate of 3-4 kg/m². The finishing will be done with a sponge float.

Technical data according to UNI EN 998-1 Standard

Specific weight	1100 kg/m ³ determined in free fall
Maximum diameter	< 0,8 mm
Plastic withdrawal	Absent in standard thermohygro-metric conditions
Water in the mix	Approx. 45%
Consumption	3-4 kg/m ² for 3 mm. thickness
Application thickness	3 mm
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 ↔	7
Grip to brick	0,4 N/mm ²
Fracture type (FP)	A
Water absorption	W0
Fire resistance	A1 class
Thermal conductivity	0,38 W/mK (tabulated value))

Disclaimers

Do not mix FG55B 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 FG55B when temperatures are below +5°C or above +30°C. FG55B 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 and peeling of the finish itself.

The reported data refers to Quality Control tests in standard environmental conditions. Practical applications in the construction sites may detect significantly changed data, depending on operating conditions, so the information on the Card is only indicative because the user must always check its suitability for intended use of the product by taking responsibility for the use. Fornaci Calce Grigolin S.p.A. reserves the right to make technical changes of any kind without prior notice.