



LG 01

Skim plaster for concrete, colour grey



Product description

Dry premix based on selected inerts, hydraulic binder, special additives aimed at improving workability and grip

Supply and Storage

LG01 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

LG01 may be used as skim plaster on interior and exterior surfaces of smooth concrete, provided they are free of any dust, efflorescence, oils, fats and disarming. It may also be used as filler for hair cracks and attics joints, predalles type. LG01 should never be applied to gypsum, painted or crumbly and insubstantial surfaces. Do not apply on concrete and on surfaces that present irregularities exceeding 10 mm. Avoid use on highly absorbent surfaces if not treated with primer type PRG 10.

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Surface preparation and Application

The surfaces must be level, uniform and humid. Before applying, remove any dust, efflorescence and traces of disarming, by washing with pressure washer.

For the application, proceed as follows:

Verify that the surface is wet or moisten if necessary; fill all joints or irregularities exceeding 10 mm at least 48 hours before application, with the same LG01. Mix 100 kg of product with 27 liters of water, stir well, avoiding excessive air incorporation. The dough prepared as such should be left to stand for 15 minutes. Apply with metallic spatula into two or more coats, crossing the direction of application. The material thus applied may be finished with a plastic float to obtain the so-called "crushed finishing" or, it may also be finished with the sponge float, dampened if necessary, to obtain an area without seams and overlappings. If the application is made on particularly absorbent concrete, apply PRG10 diluted 1:10 as insulation.

Specifications

The surfaces which need to be finished must be clean, free of dust, efflorescence, oils, fats and disarming. Each incoherent or unstable part should be removed or consolidated. Fill the joints or any irregularities exceeding 10 mm with at least 24-48 hours before application, with LG01 skim plaster from Fornaci Calce Grigolin. Once the surface prepared, moistened if necessary, apply the same LG01, dry premix based on carefully selected inerts, hydraulic binder and special additives aimed at improving workability and grip, at a rate of 1.5-2 kg/m² for each mm. of thickness. The finishing must be carried out while the product is still plastic, by successively moistening the surface of the applied material and then smoothing it with a sponge float, until a fine finish is obtained.

Disclaimers

Do not mix LG01 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 LG01 when temperatures are below +5°C or above +30°C. Do not apply on inconsistent surfaces and do not exceed thicknesses of 8 mm.

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Technical data according to UNI EN 998-1 Standard	performance
Specific weight	1.550 kg/m ³ determined in free fall
Maximum diameter	0,6 mm
Water in the mix	27% approx
Consumption	1,5-2 kg/m ² for 1 mm. thickness
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	12
Grip to brick	≥ 0.1 N/mm ²
Fracture type (FP)	B
Water absorbtion	W1
Fire resistance	class A1
Plastic withdrawal	Absent in standard thermohygrometric conditions
Thermal conductivity λ	0,72 W/mK (tabulated value)
Maximum application thickness	3 mm
Application thickness	Between 2 and 8 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.