



## PK 080

Highly protective waterproof finishing plaster



### Product description

Dry premix based on carefully selected aggregates, hydrated lime, hydraulic binder, special additives for improving workability and grip and waterproofing agent.

### Supply and Storage

PK 080 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

PK 080 may be used as an external finish on rough plaster (such as our IG14, IG28, FG12, etc.). PK 080 should not be applied on gypsum, painted or crumbly and insubstantial surfaces. Do not apply on concrete and on surfaces that present irregularities in excess of 3-4 mm. For use on excessively absorbent plasters, before use, apply a coat of PRG 10 diluted 1:10.

# PK 080

## 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; prepare the dough by mixing around 28-30 lt. of water x 100 kg. of dry product; stir well to avoid excessive air incorporation. The dough thus prepared should be left to stand for 15 minutes. Apply with metallic spatula into two or more layers crossing direction of application; the last coat should only be applied after the underlying layer is white and hardened (2-3 hours in correlation to atmospheric conditions and absorption of the base). 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.

## Specifications

The external plasters to be finished must have surfaces which are perfectly flat and homogeneous and reasonably well seasoned (at least 1 week). The surfaces thus prepared may be finished with the highly protective waterproof plaster finish PK 080 of Fornaci Calce Grigolin, dry premix based on selected inerts, aerial and hydraulic binders, special additives to improve workability and grip and waterproofing agent for improving water repellence. 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 4 mm, at a rate of 4 kg/m<sup>2</sup>. The finishing will be done with a sponge or plastic float, depending on the desired “design”. The use of special additives in combination with the waterproofing agent in the production of the plaster gives the finished product a high resistance to weather agents (acid rain, air pollution, etc.)

## Disclaimers

Do not mix PK 080 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 PK 080 when temperatures are below +5°C or above +30°C. PK 080 should not be covered with coatings or little breathable paints which may possibly prevent carbonation and the evaporation of residual moisture of the substrate, thus giving birth to cracks or peeling of the finish itself.

# PK 080

Technical data according to UNI EN 998-1 Standard	performance
Specific weight	1.100 kg/m <sup>3</sup> determined in free fall
Maximum diameter	0,8 mm
Color	grey/white
Water in the mix	35% approx
Consumption	4 kg/m <sup>2</sup> for 4 mm. thickness
Mechanical resistance to flexion at 28 days	1,2 N/mm <sup>2</sup>
Mechanical resistance to compression at 28 days	1,4 N/mm <sup>2</sup>
Water vapor permeability $\mu$	7
Grip to brick	$\geq 0.1$ N/mm <sup>2</sup>
Fracture type (FP)	B
Water absorption	W1
Fire resistance	class A1
Plastic withdrawal	Absent in standard thermohygrometric conditions
Thermal conductivity $\lambda$	0,37 W/mK (tabulated value)
Maximum application thickness	4 mm

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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.