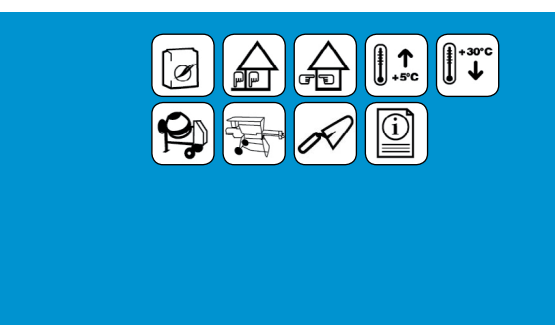




BASEFORTE® GRIGIFORMA 3_30



Technical skim plaster, thixotropic and fiber-reinforced, shrinkage free, for the preparation of internal and external substrates, with thickness from 3 to 30 mm.

Product description

BASEFORTE® GRIGIFORMA 3_30 is a thixotropic and fiber-reinforced mortar, for thickness from 3 to 30 mm with high performance, for interiors and exteriors, floors and walls.

Fields of use

- Floors, walls and ceilings skim plastering with thickness from 3 to 30 mm, for industrial and civil buildings, heating screeds, high traffic pavements, swimming pools;
- High resistance plaster, ideal for heavy walls' tiling;
- Recovering or leveling of steps and holes in screeds;
- Reconstruction of external walls' elements.

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.

GRIGOFORMA 3_30

Surface Preparation

Before applying BASEFORTE® GRIGOFORMA 3_30 the surface must be properly cleaned by scraping, sand-blasting or any other suitable method to eliminate pollutants that may hinder product grip (residues of cement, disarming oil). Carefully test the strength of the surface to be treated (in particular in the case of old coatings). Remove any dusty or inconsistent elements from the surface. The application of the product on surfaces which are not perfectly cohesive and/or insufficiently substantial may prejudice the technical characteristic of the material. In such situation it is suggested to apply an adhesion Primer, such as GRIGOKOLL® PRIMER X, on which to apply BASEFORTE® GRIGOFORMA 3_30 with the “fresh on fresh” technique. Prior to application, if necessary soak the area with plenty of water, paying particular attention in case of absorbing surfaces.

Product Preparation

BASEFORTE® GRIGOFORMA 3_30 should be mixed with water at a rate of approx. 20±1% (approx. 5 liters per 25 kg sack) till you obtain homogeneous dough.

In case of particularly smooth substrates (smooth concrete) or simply to increase the adhesion to the substrate, the dough can be prepared with GRIGOKOLL® MIX S2 and water in ratio 1:1.

In any case the mixing can be done with a low-speed drill (approx. 500 r.p.m.).

Application

Small recovering

Use the product with a maximum thickness of 30 mm per hand. Following layers can be applied as soon as the previous has cured.

Skim plastering

Apply a minimum layer on the substrate to guarantee a good soaking.

Soon afterwards, when it's still wet, apply the necessary layer to realize the finishing with the desired effect.

Theoretical Consumption

The consumption of BASEFORTE® GRIGOFORMA 3_30 depends on the substrate's conditions.

In general:

1,6-1,7 kg/m² per 1 mm thickness

Tech Tips

- For application on highly absorbing substrates, or in hot and windy weather conditions, humidify well the substrates before plastering.
- Use the product only when the dough has a paste consistency. When it starts curing, it is difficult to apply and it is necessary to make a new dough.

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Working times

BASEFORTE® GRIGOFORMA 3_30	Timing with +23°C
Pot life	≈ 3 h
Finishing	≈ 2-4 h
Set to light foot traffic	≈ 12 h
Ceramic tiles laying	≈ 24-48 h
Natural stones laying	≈ 48 h

Supply and storage

BASEFORTE® GRIGOFORMA 3_30 is available in bags on pallets with stretch. Store in a cool, dry and not ventilated place. Keep the packaging intact. Use before the expiry date stamped on the bag.

Technical specifications

Interior walls and floors skim plastering with fiber-reinforced cement mortar for the realization of thickness till 30 mm in one hand, for laying ceramic tiles, porcelain stonewares, natural stones and mosaics and parquet, with resistance to compression not lower than 20 N/mm², like BASEFORTE® GRIGOFORMA 3_30 made by Fornaci Calce Grigolin.

Warnings

Do not apply BASEFORTE® GRIGOFORMA 3_30 with thickness lower than 3 mm. Unless indicated in this data sheet, do not add anything to the product. If the product is in curing phase do not add water to improve the workability, but prepare a new dough if necessary. not use BASEFORTE® GRIGOFORMA 3_30 at temperatures lower than +5°C and superior to +35°C.

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DATI TECNICI	PRESTAZIONI	NORMATIVA
Classification	CT C20 F6	EN 1381
Classification	R2	EN 1504
Classification	GP CSIV W1	EN 998-1
Water in the mix	4,25 lt/sack	
Minimum application thickness	3 mm	
Maximal application thickness (1 layer)	30 mm	
Mechanical resistance to flexion after 24 hrs	> 2,5 N/mm ²	
Mechanical resistance to flexion after 28 days	> 6,0 N/mm ²	
Mechanical resistance to compression after 24 hrs	> 8,0 N/mm ²	
Mechanical resistance to compression after 28 days	> 20,00 N/mm ²	

v. 04/2019

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