

BaseForte®
Screeds

GRIGOLEVEL 1_10

High-performance, quick-setting,
self-levelling mortar for layers 1 to
10 mm thick



Product description

Dry premix based on selected inerts in an adequately reconstructed curve, special hydraulic binders and special additives.

Supply and storage

BaseForte® GRIGOLEVEL 1_10 is supplied in 25 kg bags on stretch pallets. Store in a cool, dry and non ventilated place. Keep packaging intact. Use before expiry date stated on the bag.



Surface Preparation and Application

Before applying of BaseForte® GRIGOLEVEL 1_10 verify the stability of the supports, the absence of dust, oil, grease and moisture rising. Mix a 25 kg bag of dry product with about 5,5 to 6 liters of clean water. To obtain a homogeneous mixture free of lumps, mix with mixer at low number of turns with a helical paddle or trapezoidal. Spill 3/4 of the mixing water in a clean container and spill the powder gradually. Finally, add the remaining water to obtain a smooth, homogeneous mortar. The product can be applied with a plastering machine to achieve in a short time and with very thick large continuous spaces. Apply BaseForte® GRIGOLEVEL 1_10 with smooth trowel, squeegee or spiked roller, the minimum thickness must not be less than 1 mm and 10 mm for the upper hand. After about 25 minutes, the product will begin to congeal and take hold, it will become usable after approximately 3 hours.

Fields of use

BaseForte® GRIGOLEVEL 1_10 is a self-levelling interior suitable for the installation, after 24 hours, ceramic and porcelain tiles. For laying parquet, resilient materials or industrial floor paints to wait 72 hours.

Low-absorption

The smooth surfaces and not very absorbent and completely non-absorbent, but perfectly compact, must be prepared by mechanical abrasion or by application of the primer PRG 101, following the instructions given in the data sheet.

High-absorption

The highly absorbent substrates must be moistened with clean water.

Technical data according to the UNI EN 13813 Standard

Classification	CT - C30 - F7
Set to light foot traffic	3 hrs.
Consumption	1,4 kg/m ² per mm of thickness
Water in the mix	approx. 5,5-6 lt per bag 25kg
Minimal application thickness	1 mm
Max. application thickness	10 mm
Pot-life	approx. 25 minuti after mixing
Initial setting time	*40 min.
Ending setting time	*60 min.
Waiting time before covering	24-72 hrs.
Mechanical resistance to flexion at 24 hrs.	≥ 3,5 N/mm ²
Mechanical resistance to flexion at 28 days	≥ 7,0 N/mm ²
Mechanical resistance to compression at 24 hrs.	≥ 20,0 N/mm ²
Mechanical resistance to compression at 28 days	≥ 30,0 N/mm ²

* these times are referred to a temperature of 23°C / 50% R.H.

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 Technical Data Sheet 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.

Warnings

Do not mix BaseForte® GRIGOLEVEL 1_10 with other substances. Avoid extreme changes in heat while hardening. The product must be protected from frost. We do not recommend using BaseForte® GRIGOLEVEL 1_10 when temperatures are below +5°C or above +35°C. Do not use on surfaces subject to flexing, on substrates subject to rising damp or outdoor. Do not apply with thicknesses greater than 10 mm. Do not apply on anhydrite screeds, old tiles without first pre-treated surface with the primer PRG 101.

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Numero Verde
800 350907

www.fornacigrigolin.it
info@fornacigrigolin.it

 **Grigolin**
evoluzioni costruttive

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