



InfinituS

Soluzione decorativa
per pavimenti

FONDO InfinituS



FONDO INFINITUS is a single-component product, ready-to-use, to be used as a uniforming primer in the application of InfinituS.

Product description and fields of use

FONDO INFINITUS is a single-component product based on high-resistance high-quality resins and inerts.

The product is ready to use, it is very fluid, white-gray in color and is used to create bonding layers between the support and the subsequent finishing coats with MARMORINO INFINITUS.

It is applied on horizontal surfaces previously prepared with PRIMER INFINITUS, after the laying of the RETE 70GR fiberglass mesh.

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Technical data

TECHNICAL DATA	STANDARD	UNIT OF MEASURE	RESULT
Specific weight 20°C	UNI EN ISO 2811	kg/lt	1,7±0,05
Dry residue	UNI EN ISO 3251	% (p/p) % (v/v)	99,6±1 99,4±1
Brookfield viscosity 20°	ASTM D 2198	Cps	620±80
Dilution			ready-to-use
Theoretical consumption		kg/m ²	0,70 ÷ 1,00 depending on the substrate

Reaction times

Temperature + 20°C

Relative humidity 50%

- Touch drying time: approx. 6 hrs
- Application time: approx. 12 hrs
- Complete surface hardening: 48 hrs

Indicative consumption

Theoretical consumption equal to 0,70 - 1,00 kg/m².

The yield of the product depends on the type and state of the support, the tools used, etc.

The exact consumption must be determined by performing a sampling on the spot.

Storage

Store in original, closed buckets and in a cool, dry place. Protect from frost and avoid direct sun exposition. Unopened, it is kept for at least 12 months from the date of production.

The product can thicken, without losing its properties; shake well before applying.

Application and storage conditions

- Application temperature: between +5°C and +30°C
- Operating temperature: between -20°C and +75°C
- Storage temperature: between +5°C and +30°C

Surface treatment

The support must be adequately prepared with the application of PRIMER INFINITUS and laying of the RETE 70GR fiberglass mesh.

Tiled surfaces (ceramics, stoneware, etc.)

ALWAYS check the perfect adhesion of the existing ceramic / stoneware coating etc.

Remove any tiles that are not perfectly adherent to the support and fill with a suitable restoration product, after applying PRIMER INFINITUS (see technical data sheet).

On floors with joints with dimensions > 3 mm, fill them with a coat of FONDO INFINITUS. After 7-8 hours sand the surface with a roto-orbital or single-brush sander tool with 40 grit paper and remove the dust.

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Apply a coat of PRIMER INFINITUS with a roller (see technical data sheet) all over the floor / coating to create a suitable adhesion promoter and wait about 8 hours for complete drying. When the product is still wet, spread the RETE 70GR fiberglass mesh and pass over it with a roller to block the net for subsequent applications.

Apply FONDO INFINITUS with a spatula over the entire surface. If applied on a net, smooth over it.

Cement surfaces

Apply a coat of PRIMER INFINITUS diluted 30% to consolidate it. We always recommend the application of RETE 70GR fiberglass mesh.

After 6/8 hours proceed with the application of FUND INFINITUS with the methods described above.

If the support presents problems such as structural cracks, moisture due to capillarity, condensation or infiltration etc., it is necessary to first solve the architectural problem that causes these items.

Product preparation

The product is monocomponent and ready to use.

Application

FONDO INFINITUS is applied with a spatula to smooth both horizontal and vertical surfaces. When completely dry, it is advisable to sand the surface with roto-orbital or single-brush sander tool with 80-120 grit paper and remove the dust.

Specifications

The surfaces affected by the INFINITUS decorative finish must be prepared with the single-component primer FONDO INFINITUS by Fornaci Calce Grigolin, based on high-strength resins and precious inerts. FONDO INFINITUS must be applied in a single coat on the surface previously prepared with PRIMER INFINITUS and RETE 70GR.

The minimum consumption of INFINITUS FONDO is 0,70-1,00 kg/m².

Tools cleaning

Clean the tools with hot water after use.

Remarks

Mineral substrates must have a minimum maturity of 28 days.

Do not apply on surfaces permanently in contact with water.

The parts that must not be treated must be protected (glass, wood, etc.).

In case of strict aesthetic requirements, it is recommended to perform before sampling tests.

Do not mix with other products to preserve the specific properties of the same.

Complementary products

We recommend using the INFINITUS / arteMURI range for complementary actions depending on the application, repair and / or finishing operations required. Consult the corresponding technical data sheets.

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Important warnings

Do not apply with ambient and / or substrate temperature below +5°C or above +30°C and with relative humidity above 50%. Avoid application in the presence of surface condensation, under the direct action of the sun or strong wind. Wash tools and equipment immediately with water after use.

Waste management

Dispose according to local regulations. The buckets are of polypropylene. Respect the environment, do not throw waste in the drain pipes and contact the nearest disposal center.

Responsible behavior

Minimize product waste by estimating the amount you will need. Recover the unused product for re-use, keeping it according to the storage instructions.

Safety information

Use the products according to the current hygiene and safety regulations.
Do not dispose of containers in the environment after use. Allow the residues to dry well and treat them as special waste.
For further information, consult the safety data sheet.

Note

The information provided has been provided in good faith, based on the current knowledge and experience of Fornaci Calce Grigolin of the product, if properly stored, handled and applied, in normal conditions and in accordance with the recommendations provided by Fornaci Calce Grigolin. The Technical Data Sheet is provided for information purposes and for assistance purposes, but is not legally binding. In particular, it does not exempt the user from testing and verifying the suitability of the product for the application and the desired purpose. Fornaci Calce Grigolin reserves the right to make changes to improve the product or its application. This edition cancels all previous ones.

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