



# InfinituS

Soluzione decorativa  
per pavimenti



## floor APPLICATION CYCLE InfinituS

The evolution of the traditional marmorino is the system with 4 products to decorate all flooring, to answer the new needs of living and interior architecture: realize seamless surfaces with the colourful effects of applied grouts and wall coverings.

Infinite shades to suit your imagination

*continue on the next page*

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 **Grigolin**  
evoluzioni costruttive

# floor APPLICATION CYCLE InfinituS

## PHASE 1 - PRIMER INFINITUS

### Surface preparation

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

Remove any tiles not perfectly adhering to the substrate and fill with appropriate product after application of PRIMER INFINITUS.

On floors with joints > 3 mm, fill the same with a coat of FONDO INFINITUS charged 1:3 with QUARZO 04s to obtain a planar surface.

After 12 hours, sand with roto-orbital or single brush with 40 grit paper and dust.

If the surface has algae, mold, fungi and/or other impurities, it is recommended to clean thoroughly eliminating them completely and using specific products for this purpose.

If the support has salt residues, clean it and apply NANO ANTISALE of the arteMURI line of Fornaci Calce Grigolin.

Non-absorbent surfaces (ceramic, stoneware, wood, melamine)

Thoroughly clean and degrease the surfaces to be treated using of specific detergents, such as BASEFORTE DTG BASICO or alternative products: degreasers, alcohol, hydrochloric acid in solution, etc. The application temperature in these cases should not be lower than +10 C°, Since at lower temperatures the drying time could lengthen a lot, compromising the perfect cross-linking of the product and therefore perfect adhesion to the surface.

On very shiny tiles it is recommended to grid the surfaces and clean properly.

If the support has problems such as structural cracks, moisture for capillarity, condensation or infiltrations etc., it is first necessary to solve the architectural problem that causes these phenomena.

### Product description - PRIMER INFINITUS

PRIMER INFINITUS is a one-component primer based on acrylic resins that combined with special additives provide the product with high adhesion capacity on all surfaces.

In the realization of floor finishes, INFINITUS is used to lock the fiberglass mesh R 51 to the surface.

### Product preparation - PRIMER INFINITUS

The product is one-component ready to use.

PRIMER INFINITUS can be diluted with water, if necessary, up to 10% depending on the absorption.

### Application - PRIMER INFINITUS

Apply a coat of PRIMER INFINITUS with roller on the entire floor (see data sheet), to create an adequate adhesion bridge, and wait about 8 hours for the complete drying.

It is recommended, on still wet PRIMER INFINITUS, to roll out the fiberglass mesh RETE R 51 and rewind with roller so as to block the net for the following steps. The fibre mesh should not be overlapped and must not form bulges.

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## PHASE 2 - FONDO INFINITUS

### Product description - FONDO INFINITUS

FONDO INFINITUS is a one-component product based on high-quality resins and very resistant inerts. The product is ready to use, is very fluid, white-grey and is used to create gripping layers the support and subsequent finishing coats with MARMORINO INFINITUS. It is applied on horizontal surfaces, previously prepared with PRIMER INFINITUS, after the laying of the glass fibre mesh RETE R 51.

### Product preparation - FONDO INFINITUS

The product is one-component ready to use.

### Application - FONDO INFINITUS

After 4-6 hours from the application of PRIMER INFINITUS, apply FONDO INFINITUS with a spatula on all the surface.

If applied on mesh, level to zero above the same.

After complete drying it is recommended to sand the surface with roto-orbital or mono-brush with paper grit 80-120 and finally dust.

## PHASE 3 - MARMORINO INFINITUS

### Product description - MARMORINO INFINITUS

MARMORINO INFINITUS is a resin-based levelling paste, ideal for performing decorative smoothing with a high aesthetic impact on walls and floors. Thanks to the formulation based on high-quality resins and very high-strength aggregates, MARMORINO INFINITUS offers excellent flexibility, excellent waterproofing and high mechanical characteristics, which are conferred to the entire INFINITUS application cycle.

It can be used to make decorative coverings in homes, shops, offices, showrooms, etc.

MARMORINO INFINITUS is applied in two layers with a smooth steel or plastic spatula, depending on the chromatic effects to be obtained.

With INFINITUS MARMORINO you can create infinite effects and colours as per the INFINITUS colour chart, and it is available in white, or already coloured.

MARMORINO INFINITUS can be pigmented with the arteMURI tinting system, and is ready for use without the addition of catalysts or crosslinkers.

MARMORINO INFINITUS is available in the following grain sizes:

- MEDIUM - 0,7 mm
- FINE - 0,25 mm

### Product preparation - MARMORINO INFINITUS

The product is one component and ready to use, white coloured.

It can be pigmented with the arteMURI tinting system.

For application on large surfaces or if the product appears to be dense before application, it is recommended to mix with a mixer equipped with a special impeller and add 1-2% of water.

Depending on the desired effect, it is possible to add the first coat of product with 5-10% of QUARZO 04s. This is to facilitate the applicator in laying the product and offer a material surface effect.

# floor APPLICATION CYCLE InfinituS

## **Application** - MARMORINO INFINITUS

Apply MARMORINO INFINITUS with two coats until you reach the desired aesthetic effect. With light colours we recommend the application of the final coat with plastic spatula to avoid the formation of dark grey veils caused by abrasion of the stainless steel spatula.

Apply a first coat of MARMORINO INFINITUS, after about 4-6 hours sand the surface with roto-orbital or single brush with 120 grit, vacuum the surface.

When it is dry and walkable, usually at least 4 hours, apply the second coat levelled to zero with plastic spatula.

Sand again until the desired colour effect is obtained.

The surface must be protected with INFINITUS FINISH within 24 hours.

## **PHASE 4** - FINITURA INFINITUS

### **Product description** - FINITURA INFINITUS

FINISHING INFINITUS is a surface finishing product for surfaces subject to medium-to-low mechanical wear.

### **Product preparation**

Product must be diluted to a maximum ration of 20%.

### **Application**

INFINITUS FINISH is applied with spray, roller or airless. It must be applied to complete drying of MARMORINO INFINITUS and in any case after at least 4 days.

Catalyze INFINITUS FINISH with special hardener in the proportion of 100 parts A - 25 parts B, perfectly mix the two components and dilute with 15% water before application.

When perfectly dry (walkable surface) apply second coat of INFINITUS FINISHING with the same dilution of water.

Maximum time for overlapping: 24 hours. After this time, light sanding of the surface is required as the paint has reached the complete crosslinking and therefore adhesion defects could arise.

### **Note**

Before application, check and verify all specifications contained in each product data sheets.

The information reported has been provided in good faith, based on Fornaci Calce Grigolin current knowledge and experience of the product, on conditions that it is properly stored, handled and applied, under normal conditions and in accordance with the recommendations provided by Fornaci Calce Grigolin. The Technical Data Sheet is provided for information and 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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