



arteMURI® PRIME GRUND 0.3



Universal filler for thick plasters.



Product description and fields of application

PRIME GRUND 0.3 is a universal filler based on acrylic copolymers in water dispersion, inorganic pigments and aggregates with selected grain size. The product is alkali-resistant, has a high bonding power and adhesion. It creates a rough surface that promotes the adhesion of subsequent layers of any finish and plaster, forms a structural filler and evens out uneven absorption of the surface to be treated. It can also be used as an adhesion promoter for lime finishes on compromised or unsuitable substrates.

PRIME GRUND 0.3 may be applied to raw or civil-finished lime-hydraulic binder-based mortar plaster. In particular, it is particularly suitable as a primer to be applied to coat systems before the final coating.

PRIME GRUND 0.3 can be tinted with the arteMURI tinting system.

Advantages

- primer filler for plasters
- adhesion promoter
- high resistance to washing
- anti-algae protection
- high resistance to atmospheric agents and UV rays
- suitable for creating smooth effect on plasterboard
- excellent coverage
- high water vapour permeability

PRIME GRUND 0.3

Specifications

Wall surfaces, such as mortar based on lime-hydraulic binder, premixed and traditional mortar, civil finished and concrete conglomerates, can be finished with PRIME GRUND 0.3 high coverage and wash resistant filler by Fornaci Calce Grigolin, a product based on acrylic copolymers in water dispersion, light resistant pigments and selected grain size charges. The minimum consumption of this product is 0.14 l/m².

Consumption and packaging

PRIME GRUND 0.3 is supplied in 14 l buckets.
The minimum consumption of this product is 0.14 l/m².

Conservation Standards

Protect against frost. Store at temperatures between +5°C and +30°C in the original sealed containers. Under these conditions the shelf life of the stored product is at least one year.

Substrate preparation

New substrates and/or any repairs (patches) must be cured by at least 4 weeks, clean and dry. Old substrates must be consistent, free of salt efflorescence and loose parts, thoroughly cleaned according to the nature and intensity of the dirt deposited on the surfaces to be treated. To level and fill imperfections such as holes, cracks or crevices, first intervene with a suitable product or repair mortar. Clean up any mold or algae and then sanitize the surface with SEI OK restorer.

On already painted surfaces, make sure of the condition of the film: brush and/or scrape the detaching film, completely remove high layers of non-adherent paints.

Substrate treatment

New plasters: apply directly.

Plasters with mineral paints (lime or silicates): apply one coat of F4 SIL or ONE MICRO solvent-based fixing agent.

Plasters with synthetic paints (acrylic, siloxanic): apply one coat of PRG SL or ONE MICRO solvent-based fixing agent.

Cement/concrete/fibrocement: apply one coat of PRG SL or ONE MICRO.

New plaster/plasterboard: apply one coat of ONE MICRO.

Gypsum/plasterboard painted with tempera: apply one coat of ONE MICRO.

Gypsum/plasterboard painted with washables: apply directly.

Product preparation

PRIME GRUND 0.3 must be suitably diluted with about 15% by volume of water for roller applications and 25-30% by volume for brush applications. In both cases, the product must be mixed thoroughly.

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Application

Apply one coat taking care to distribute the product evenly over the surface. If necessary, apply a second coat to make the support more uniform. After about 6-8 hours you can proceed with the application of the finish.

Important Warnings

Do not apply with ambient and/or substrate temperature lower than +5°C or higher than +35°C and with relative humidity higher than 75%. Avoid application in presence of superficial condensation, under direct sunlight or strong wind. Wash tools and equipment with water immediately after use.

Safety instructions

The product does not require hazard labeling under current regulations. Use the products according to current hygiene and safety regulations. After use, do not dispose of containers in the environment. Let the residues dry well and treat them as special waste. For further information please refer to the safety data sheet.

PRIME GRUND 0.3

| TECHNICAL DATA | PERFORMANCE |
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| Binder type | acrylic copolymers |
| Appearance | paste/rough/pigmented |
| Specific weight(UNI EN ISO 2811-1) 25°C±2 | 1670 ± 20 g/l |
| Brookfield viscosity(ASTM D2196) 25°C±2 | 20.000 ± 2.000 cP |
| Water vapor permeability and classification (UNI EN ISO 7783-2) | V = 240 g/m ² 24h Class I (high permeability) |
| Equivalent air layer thickness (UNI EN ISO 7783-2) | Sd = 0,088 m |
| Liquid water permeability and classification (UNI EN 1062-3) | w ₂₄ = 0,180 kg/m ² h ^{0,5} Class II (medium permeability) |
| Suitable for facade protection as it complies with the KÜNZLE theory (DIN 18550) where W < 0,5 kg/m ² h ^{0,5} and Sd < 2 m | Sd · w ₂₄ = 0,016 kg/m h ^{0,5} |
| Particle size (UNI EN ISO 1062-1) | 0,3 mm |
| VOC content (DIR. 2004/42/CE) | Fixing primer - cat. A EU limit values for subcategory h, type BA 30 g/l (2010) This product contains maximum 30 g/l VOC |
| Application | brush, roller |
| Theoretical consumption | ca. 240 g/m ² (0,14 l/m ²) |
| Theoretical yield | 7,1 m ² /l |
| Overpainting | 6-8 hours |

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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.