



arteMURI® PRIMO



Water-based pigmented acrylic primer.

Product description and fields of application

PRIMO is a pigmented primer based on styrene-acrylic copolymers in water dispersion, inorganic pigments and aggregates with selected grain size, specific for the preparation of exterior and interior wall surfaces. The product has a high resistance to alkalis, a high bonding and adhesion power, high filling characteristics and an exceptional ability to even out the uneven absorption of the treated wall surface. In addition, the high covering power in many cases allows saving a coat of finish.

PRIMO is successfully used as a primer, white or colored, on raw or finished hydraulic lime-binder based mortar plasters, irregular and difficult to cover substrates, such as old paintings in strong tones or where there are traces of filler and small imperfections, to be completed with finishes, thick coatings in light tones and in painting with bright tones with limited coverage. In addition, it is particularly suitable for application on skim coats and thermal insulation systems as it has the property of creating a rough surface that favors the adhesion of subsequent layers of any thick acrylic class finish. PRIMO can be tinted with the arteMURI tinting system.

PRIMO

Advantages

uniforming and insulating primer
good coverage
pigmented base coat for thick finishes
adhesion primer

Specifications

The wall surfaces, such as mortar plaster based on lime-hydraulic binder, premixed and traditional, civil finished, concrete conglomerates and plaster substrates of various kinds, can be finished with the water-based pigmented primer with high coverage, for exteriors and interiors, PRIMO by Fornaci Calce Grigolin, a product based on styrene-acrylic copolymers in water dispersion. The minimum consumption of this product is 0.14 l/m².

Consumption and packaging

PRIMO is supplied in 14-liter packages. 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.

Media 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.

Media treatment

New plasters: apply directly.

Plasters with mineral paints (lime or silicates): apply one coat of PRG SL 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 solvent-based fixing agent.

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

PRIMO must be suitably diluted with about 15-20% by volume of water for roller applications and 25-30% by volume for brush applications.

In both cases, the product must be mixed thoroughly.

PRIMO

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 acrylic class 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.

I dati riportati si riferiscono alle prove di Controllo Qualità in condizioni ambientali normalizzate. Applicazioni pratiche di cantiere a seconda delle condizioni di esercizio possono rilevare dati sensibilmente modificati, pertanto le informazioni presenti nella Scheda hanno valore puramente indicativo in quanto l'utilizzatore deve sempre verificarne l'idoneità nell'impiego del prodotto assumendosi la responsabilità derivante dall'uso. Fornaci Calce Grigolin S.p.A. si riserva di apportare modifiche tecniche di qualsiasi genere senza alcun preavviso.

PRIMO

TECHNICAL DATA	PERFORMANCE
Binder type	acrylic copolymers
Appearance	paste/rough/pigmented
Specific gravity(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 = 235 g/m ² 24h Class I (high permeability)
Spessore dello strato d'aria equivalente (UNI EN ISO 7783-2)	Sd = 0,089 m
Equivalent air layer thickness (UNI EN ISO 7783-2)	w ₂₄ = 0,195 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 = 0,017 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	approx. 240 g/m ² (0.14 l/m ²)
Theoretical yield	7.1 m ² /l
Overpainting	6-8 hours

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