



arteMURI® F2 COPRENTE



Pigmented acrylic-siloxane filler primer.

Product description and fields of application

F2 COPRENTE is a pigmented primer based on siloxanic and acrylic polymers in water dispersion, inorganic pigments and aggregates with selected grain size, specific for the preparation of exterior and interior wall surfaces. The product is resistant to alkalis, has excellent bonding and adhesion properties, high filling characteristics and an exceptional ability to even out uneven absorption of the treated wall surface. F2 COPRENTE is suitable for application on any type of wall surface, but it is successfully used as a primer, white or colored, on mortar based lime-hydraulic binder rough or finished civil, irregular and difficult to cover, such as old paintings in strong colors or where there are traces of stucco and small imperfections. Moreover, 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 siloxane class thick finish.

F2 COPRENTE can be tinted with the arteMURI tinting system.

F2 COPRENTE

Advantages

high water repellency
uniforming and insulating base
good coverage
base coat for thick finishes

Specifications

The wall surfaces, such as mortar plaster based on lime-hydraulic binder, premixed and traditional, finished civil and not, concrete mixes and plaster supports of various kinds, can be treated with the pigmented acrylic-siloxanic primer with high coverage, for exterior and interior, F2 COPRENTE by Fornaci Calce Grigolin, product based on siloxanic and acrylic polymers in water dispersion, suitable for the preparation of the support in cycles of intervention with siloxanic finishes in general. The minimum consumption of this product is 0,14 l/m².

Consumption and packaging

F2 COPRENTE is supplied in 14 l. The minimum consumption of this product is 0.14 l/m².

Conservation Standards

Protect from 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 solvent-based fixing agent or PRIMER 2W.

Plasters with synthetic paints (acrylic, siloxanic): apply one coat of PRG SL solvent-based fixing agent or PRIMER 2W.

Cement/concrete/fibrocement: apply one coat of PRG SL solvent-based fixing agent or PRIMER 2W.

Product preparation

F2 COPRENTE must be properly diluted with about 15-20% by volume of water for roller applications and 30-25% for brush applications. In both cases, the product must be carefully mixed.

F2 COPRENTE

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.

F2 COPRENTE

| TECHNICAL DATA | PERFORMANCE |
|--|--|
| Binder type | Siloxanic and acrylic polymers in water dispersion |
| 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 = 270 g/m ² 24h Class I (high permeability) |
| Equivalent air layer thickness (UNI EN ISO 7783-2) | Sd = 0,078 m |
| Liquid water permeability and classification (UNI EN 1062-3) | w ₂₄ = 0,160 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 = 0,012 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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