



arteMURI® PRG 10



Primer in emulsion based on synthetic resins.

Product description and fields of application

PRG 10 is a primer in emulsion based on synthetic resins, with versatility and alkali resistance, in fact it presents an excellent compatibility with binders like cement, grey and white, gypsum and lime.

PRG 10 can be used both on interior and exterior walls, because thanks to its specific composition it has an excellent resistance to UV rays. Added to sand and cement mixtures it improves the mechanical characteristics and facilitates the use.

It can be used as an insulator for the preparation of funds suitable to receive mineral coatings such as our GR 100-200-300.

It can also be used as an anchoring bridge for applications on smooth concrete and improves adhesion to the substrate of skim coats, whether lime or gypsum based. Finally, it can be used to prepare rendering mortars for use on concrete surfaces.

Advantages

- excellent versatility
- use as primer
- gives mechanical and adhesion resistance
- excellent resistance to alkalis

PRG 10

Specifications

The wall surfaces, such as mortar plasters based on lime-hydraulic binder, premixed and traditional, finished in civil and not, concrete conglomerates and plaster supports of various kinds, can be treated with PRG 10 emulsion primer of Fornaci Calce Grigolin, product based on synthetic resins and pigments resistant to UV rays. The consumption of this product is about 0,06 l/m² when it is used as an insulator.

Consumption and packaging

PRG 10 is supplied in 5 l and 15 l packages.

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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 wall surfaces must be cured, dry, free of dust and loose parts. To level and grout imperfections such as holes, cracks or crevices, first work with a suitable repair product or mortar. Smooth concrete surfaces must be free of dust, efflorescence, oil, grease and release agents.

Product preparation

Dilute PRG 10 in a ratio of 1:10 with water when used as an insulator, while its dosage is equal to 5% of the weight of the plaster when used as an anchorage bridge. Prepare a mixture of PRG 10 and water in a ratio of 1:3-1:5 and mix it with a mixture of cement and sand in a ratio of 1:3 to obtain a rendering mortar of the desired consistency. Always dilute PRG 10 with at least 8-10 parts of water to use it as a primer for coatings such as our GR 100-200-300.

Application

Apply PRG 10 by roller or brush in case it is used as insulator for the preparation of the substrate suitable to receive mineral coatings type GR 100-200-300.

Important Warnings

Do not apply PRG 10 when ambient or substrate temperature is below +5°C or above +35°C. Wash tools and equipment immediately after use with water. During application use gloves and glasses.

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.

PRG 10

TECHNICAL DATA	PERFORMANCE
Binder type	acrylic copolymers
Appearance	Fluid and milky
Specific weight (UNI EN ISO 2811-1) 25°C±2	1020 ± 20 g/l
VOC content (DIR. 2004/42/CE)	Fixing primers. EU limit values for subcategory h, type BA 30 g/l (2010) This product contains a maximum of 30 g/l of VOCs.
Application	brush, roller, spray
Theoretical consumption	ca. 60 g/m ² (0,06 l/m ²) as an insulator

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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.