



## arteMURI® PRG 101 BETONKONTAKT



Primer for the application of gypsum and lime-based plasters onto smooth concrete surfaces

### Product description and fields of application

PRG 101 is formulated with special synthetic binders in water dispersion and selected graded aggregates and it is a specific adhesion bridge used to improve the adhesion of lime and gypsum based plasters on concrete substrates. It has a high binding and adhesion power, has a grain size less than 0.8 mm and looks like a semi-covering primer, green in color, suitable as a tracer to verify the correct application of the plaster on the entire surface to be treated. Thanks to its specific composition, PRG 101 can be applied on pre-stressed concrete substrates, composite prefabs, plasterboard and absorbing walls, both old and new.

### Advantages

- rough appearance
- excellent adhesion to the support
- ease of application

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.

# PRG 101 BETONKONTAKT

## Specifications

The wall surfaces in concrete and cement conglomerates can be treated with the PRG 101 aggrappante primer by Fornaci Calce Grigolin, a product based on binders in watery dispersion and siliceous sands. The minimum consumption of this product is 0,14 l/m<sup>2</sup>.

## Consumption and packaging

PRG 101 is supplied in 5 l and 15 l packages.  
The minimum consumption of this product is 0.14 l/m<sup>2</sup>.

## 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

The wall surfaces to be treated must be cured, dry, free from dust and loose parts. To level and fill imperfections such as holes, cracks or crevices, first intervene with a suitable product or repair mortar.

## Product preparation

Dilute PRG 101 on average with 15-20% by volume of water for roller applications and 25-30% for brush applications. Mix well. It is recommended to keep it constantly mixed during application.

## Application

Apply a coat of PRG 101 properly diluted by distributing the product evenly over the surface. The product is green pigmented to improve visibility during application.  
Wait 24 hours and no longer after the application of PRG 101, in order to allow the complete cross-linking of the product, and proceed with the subsequent stages.  
In order to avoid potential reduction of adhesion due to dust, dirt or vitrification of the primer, it is advisable to respect the indicated timing.

## Important Warnings

Do not apply PRG 101 with environmental or substrate temperature lower than +5°C or higher than +35°C. The product must be applied on dry substrates with a humidity not higher than 2,5%.

Wash tools and equipment immediately after use with water.

## 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.

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TECHNICAL DATA	PERFORMANCE
Binder type	acrylic copolymers
Appearance	paste/rough/green
Specific weight(UNI EN ISO 2811-1) 25°C±2	1530 ± 20 g/l
Brookfield viscosity (ASTM D2196) 25°C±2	18.000 ± 2.000 cP
VOC content (DIR. 2004/42/EC)	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
Theoretical consumption	ca. 200 g/m <sup>2</sup> (0,14 l/m <sup>2</sup> )
Theoretical yield	7,1 m <sup>2</sup> /l
Overpainting	24 hours

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