



## arteMURI® PRG FLEX



Elasticizing latex in emulsion based on synthetic resins.

### Product description and fields of application

PRG FLEX is an elasticizing latex in emulsion based on synthetic resins specifically studied for the building sector and has an excellent compatibility with binders such as cement, grey and white cement, gypsum and lime, both in indoor and outdoor use.

PRG FLEX is used as elasticizer for the preparation of grouts and repair mortars for walls and floors. It can also be added to sand and cement mixtures or to our AG 01/AG 02 Plus and AG 03/AG 04 Prof adhesives to enhance their mechanical adhesion characteristics and give them greater flexibility. In case of special applications of our AG 05/AG 06 Flex, where very high flexibility characteristics are required, PRG FLEX itself can be used.

Finally, it can be used to seal micro-cavillations on fine mortar substrates and micro-cavillations with a development of more than 0.4 mm up to a maximum of 1 mm after opening them and suitable preparation.

### Advantages

- excellent elasticity
- good compatibility with cementitious mixtures
- alkali resistant

# PRG FLEX

## Specifications

The wall surfaces, such as mortar plaster 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 the PRG FLEX emulsion elasticizing latex of Fornaci Calce Grigolin, a product based on synthetic resins. The minimum consumption of this product is 0,10 l/m<sup>2</sup>.

## Consumption and packaging

PRG FLEX is supplied in 5-liter 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.

## Media Preparation

If the cracks to be repaired have developed more than 0.4 mm, it is advisable to open them up and fill them with a mixture of water, PRG FLEX and white cement, further enriched with 0.6 mm grain size aggregate and mixed until the consistency of a grout is obtained.

## Product preparation

When PRG FLEX is used as elasticizer and in situations where high flexibility characteristics are required, it is used instead of mixing water after diluting it with water.

Dilute PRG FLEX in a 1:1 ratio with water and then add white cement to obtain a slurry that will be used to seal micro-cavities on fine mortar substrates. In presence of cracks with a development greater than 0.4 mm, enrich the previously prepared slurry with 0.6 mm grain size inert and mix it until obtaining the consistency of a grout.

## Application

Apply the elastic slurry produced with PRG FLEX directly on the micro-cavity in case it is used as sealant. Then, trowel the grout using a sponge trowel to avoid overlapping and obtain a civil finished surface.

Work in the same way also when using PRG FLEX as a grout to fill more developed micro-cavities.

## Important Warnings

Do not apply PRG FLEX 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.

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.

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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.
Theoretical consumption	ca. 100 g/m <sup>2</sup> (0,10 l/m <sup>2</sup> )
Theoretical yield	10 m <sup>2</sup> /l

v. 09/2021

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