

Technical Datasheet

NANOPRO-M

Nano-impregnation for protecting marbles

Description

Water-based emulsion with highly penetrating ability based on nano-molecular structure. When applied on unporous surfaces, it seals and protects them from moisture and stains. After drying, it is transparent. It is UV-stable, in that it does not turn yellow over time, while allowing building breathability. No skin formation is observed on the application surface or any alteration in its appearance.

Certified according to EN 1504-2 and classified as a hydrophobic impregnation.
CE marked.

Fields of application

NANOPRO-M is used to protect from stains unporous substrates such as surfaces of polished marbles, granites, tiles, porcelain, etc. Suitable for indoor and outdoor application.

Technical data

Form:	emulsion
Color:	transparent off-white, transparent once dry
Density:	0.99 kg/l
pH:	7.5
Depth of penetration:	Class I <10 mm
Water absorption and resistance to alkali: (EN 13580)	Absorption ratio <7.5% compared with the untreated specimen Absorption ratio <10% after immersion in alkali solution
Drying rate coefficient: (EN 13579)	Class II >10%

Cleaning of tools:
Tools are cleaned with water immediately after use.

Directions for use

1. Substrate

The surface to be primed must be dry and free of dust, grease, dirt etc.

2. Application

NANOPRO-M is thoroughly stirred and uniformly applied on the substrate by brush, roller or spraying, 10-15 minutes after the application and before getting dried, the excessive material is removed using a wet cloth.

For surfaces that are very sensitive to stains a second layer can be applied within 3 hours after the first one.

Total resistance in absorbing moisture is achieved 7 days after the application.

Consumption

50-70 ml/m², depending on the absorbency of the substrate.

Packaging

NANOPRO-M is available in plastic containers of 1 l, 5 l and 20 l.

Storage

24 months from production date if stored in original, unopened packaging, at temperature between +5°C and +35°C. Protect from direct sunlight and frost.

Remark

Temperature during application must be between +5°C to +30°C.

NANOPRO-M

Volatile organic compounds (VOCs)

According to Directive 2004/42/CE (Annex II, table A), the maximum allowed VOC content for the product subcategory g, type WB is 30g/l (2010) for the ready to use product. The ready to use product NANOPRO-M contains max <30 g/l VOC.



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EN 1504-2

DoP No.: NANOPRO-M /1421-02

surface protection products
hydrophobic impregnation

Depth of penetration: Class I < 10 mm

Water absorption and resistance to alkali:

Absorption ratio < 7.5% compared to the untreated specimen,

Absorption ratio < 10% after immersion in alkali solution

Drying rate: Class II > 10%

Dangerous substances comply with 5.3

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BUILDING CHEMICALS AND MORTARS

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