

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 it has dried, it is transparent. It does not become yellow due to UV radiation and permits breathing of the structure. It does not form a skin on the application surface and does not alter its appearance. Certified with the CE marking as a hydrophobic impregnation, according to EN 1504-2.

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: | white |
| 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 get dried, the excessive material is removed using a wet cloth.

For surfaces which 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 absorptivity of the substrate.

Packaging

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

Storage

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

Remark

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

NANOPRO-M



Volatile organic compounds (VOCs)

According to the 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

surface protection products

hydrophobic impregnation

Depth of penetration: Class I < 10 mm

Water absorption and resistance to alkali:

Absorption ratio <7,5% compared with 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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