Technical Datasheet

NANOPRO-L

Nano-impregnation for protecting surfaces from oils

Description

Water-based emulsion with high-penetration ability, based on nanomolecular structure, used to protect porous and slightly porous surfaces (marble, granite, etc.) from oil stains, moisture and salt stains while preventing fungi-mold growth.
If used at the recommended dosage, it will not form a film on the application surface or alter the appearance of most surfaces.
Certified according to EN 1504-2 and classified as a hydrophobic impregnation. CE marked.

Fields of application

NANOPRO-L is used to protect both non-porous surfaces such as polished marble, granite, etc. and porous surfaces such as concrete, masonry, plaster, tile grouts, gypsum boards, chipboards, natural stone, etc., from oil stains, moisture and salt stains. Suitable for indoor and outdoor applications.

Technical data

Form:	emulsion
Color:	transparent off-white, transparent once dry
Density:	0.99 kg/l
pH:	7.25
Depth of penetration:	Class I <10 mm
Water absorption and resistance to alkali: (EN 13580)	Absorption ratio <7,5% compared to 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 substrate must be dry and free of dust, grease, dirt, etc.

2. Application
NANOPRO-L is thoroughly stirred and uniformly applied to the substrate with a brush, roller or spray. After about 15 minutes and before the material has dried, the surface is cleaned by rubbing with a slightly damp cloth. For very porous surfaces, a second layer can be applied before the first one is totally dry.
Total resistance in absorbing oils and moisture is achieved 2 days after the application.

Consumption

50-100 ml/m^2 depending on substrate absorbency.

Packaging

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

Shelf life – Storage

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

Remarks

Temperature during application must be between +5°C to +35°C.

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-L contains max 30 g/l VOC.

NANOPRO-L

CE

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EN 1504-2

DoP No.: NANOPRO-L /1409-02

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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