

# NANOPRO-L

## Nano-impregnation for protecting surfaces from oils

### Description

Water-based emulsion with high penetrating ability, based on nano-molecular structure. Protects porous and slightly porous surfaces (marbles, granites etc.), from oil stains, moisture and salt stains while prevents from fungi-mould growth.

If used at the recommended dosage, it does not form skin on the application surface and does not alter the appearance of most surfaces.

Certified with the CE marking as a hydrophobic impregnation, according to EN 1504-2.

### Fields of application

NANOPRO-L is used to protect from oil stains, moisture and salt stains either non absorptive surfaces such as polished marbles, granites etc. or porous surfaces, such as concrete, masonry, plaster, tile grouts, gypsum boards, chip boards, natural stones etc.

Suitable for indoor and outdoor application.

### Technical data

Form:	emulsion
Color:	white (slightly yellow)
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 with the untreated specimen, Absorption ratio <10% after immersion in alkali solution

Drying rate coefficient: Class II >10% (EN 13579)

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 on the substrate by brush, roller or spraying. After about 15 minutes and before the material has dried, the surface is cleaned by rubbing with a slightly damp cloth. For very absorptive surfaces a second layer can be applied before the first layer is totally dry.

Total resistance in absorbing oils and moisture is achieved 2 days after the application.

### Consumption

50-100 ml/m<sup>2</sup>, depending on the absorptivity of the substrate.

### Packaging

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

### Shelf-life - Storage

12 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.

### Remarks

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

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## 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-L 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 5.4

### ISOMAT S.A.

BUILDING CHEMICALS AND MORTARS

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