

NANO PROOF MARMO DS-275



Oil repelling and waterproofing agent for marble & granite



■ PROPERTIES

Water and oil repellent of nanomolar technology that is waterbased and odorless.

Due to the high penetrating properties of the nanoparticles in its composition, it penetrates deeply through the pores of surfaces and waterproofs them completely. This results to the protection of the surfaces from damage due to moisture, water and frost. Surfaces also become impervious to household stains, smoke and nicotine as well as air pollution. Cleaning becomes noticeably easy, without the need for using strong detergents. NANO PROOF MARMO DS-275 does not create a surface film or shine. It is resistant to UV radiation, temperature changes, constant humidity and frost. Shields surfaces, does not peel or yellow, prevents discoloration and maintains the natural beauty and texture of the surfaces where it is applied.

■ APPLICATIONS

NANO PROOF MARMO DS-275 provides long-lasting protection to surfaces lined with extremely low absorbency materials, such as marble and granite. Suitable for walls and floors, indoors and outdoors.

■ USE

1. Surface preparation

Surfaces must be clean, dry and free of dust, salts, oily stains and any loose materials. Ideally, use DUROSTICK biodegradable cleaner, BIOCLEAN for marble, granite and tile grouts

2. Application

Apply in one coat until saturation, using a brush, a roller or an airless spray gun.

After 10-15 minutes, remove any excess product that was not absorbed using a damp, soft cloth.

The technical specifications and directions of use contained in this technical data sheet are the results of the knowledge and experience of the company's research and development department, as well as from the real-life applications of the product. The recommendations and suggestions regarding the use of the products are made without guarantee since the respective conditions during their application are beyond the control of the company. For this reason, it is the user's responsibility to make sure that the product is suitable for the intended application as well as the application conditions of the project.

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When working with particularly more absorbent surfaces, apply a second coat 15 minutes after the first one, for long lasting protection.

■ CLEANING

Clean tools immediately after use with water and if necessary with soap or detergent solution.

■ CONSUMPTION

1lt/12-18m², depending on the absorbency of the surface

■ STORAGE

Store in cool places, protected from frost for 24 months from production date.

■ SAFETY DIRECTIONS

The product needs no hazard labeling, based on current European and national legislation. However, it is recommended to keep away from the reach of children. If swallowed, seek medical advice and show the container or label.

■ NOTES

- Mix well before use
- Complete waterproofing of the surfaces is achieved 24 hours after application

■ PACKAGING

Carton box with 15 pcs. of 750ml each one
Carton box with 6 pcs. of 3.5lt each one
18lt container.

TECHNICAL SPECIFICATIONS	
■ Form - Color	Polymer dispersion - White, becomes transparent when dry
■ Density	1.00±0.05kg/lt
■ Application temperature	From +5°C to +35°C
■ pH	7.0±1.0
■ Duration of waterproofing	3 years (exterior waterproofing) 6 years (interior waterproofing)
■ Water absorption coefficient	W ≤ 0.5kg/m ² ·h
■ Dilution	A ready to use product. Do not dilute.

V.O.C. (Volatile Organic Compounds):

Limit value of maximum content of V.O.C. per EU (Directive 2004/42/CE) for this product (category A/i: 'One-pack performance coatings', type WB): 140gr/lt (2010). The ready to use product contains maximum 50gr/lt V.O.C.

THE PRODUCT WAS TESTED IN ACCORDANCE WITH THE INTERNATIONAL STANDARDS OF CERTIFICATION:

ISO EN 539-1: WATER PERMEABILITY TEST/
ASTM E514: RESISTANCE TO WATER PENETRATION
ISO EN 10545-7: RESISTANCE TO ABRASION /
ISO EN 10545-14: RESISTANCE IN STAINING

Nanotechnology

A nanometer (nm) is one billionth (10⁻⁹) of a meter. Nanotechnology is the study of the control of matter at the atomic and molecular level. Generally speaking, 'Nanotechnology' is concerned with structure sizes of 100 nanometers or smaller in at least one dimension, and also involves developing materials or devices of this magnitude.

And to better understand all the above with an example: a human hair has a diameter of 50.000 nanometers.

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