NANO O SHIELD 53

Water and oil-repellent, nano-molecular structure impregnation for protection of absorbent and non-absorbent substrates.

Features - advantages

Water and oil repellent impregnation for absorbent and non-absorbent substrates. It penetrates deep into the pores of the substrate, providing water and oil repellence, while still allowing water vapour diffusion in both directions.

- Causes no discoloration, does not form a skin on the application surface and does not alter its appearance
- Creates a protection barrier against detrimental effects such as pollutants, soot, moisture, grease and oil, freezing etc.
- Long lifetime
- Highly resistant to direct sunlight
- Environment - friendly product

Application examples

- Treatment of floors or walls of natural or synthetic stone or unglazed ceramic tiles for easy care.
- Treatment of natural or synthetic stone, fibrous cement, renders and concrete to protect from rain and avoid staining.
- Treatment of facades of natural or synthetic stone concrete or fibrous cement in order to allow easier removal of dirt, grease, graffiti, posters, etc, from monuments, exterior and interior walls.
- Water, oil and dirt repellent treatment of low-porosity natural stone, e. g. marble, travertine and granite.
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Specifications

Form: Clear transparent water based liquid
Density: 1 Kg/l
PH: 5
Rain absorption factor: < 0,5 Kg / m^2.h $^{1/2}$
Reference consumption:
50-100 ml/m^2 for 2 coats, depending on surface porosity

Substrate preparation

Provide smooth and stable, completely dried surfaces. Remove loose fragments, dirt, oil, dust etc.

Instructions for use

Shake before use. Apply the material using brush, roller, flat brush or by spraying. Make sure that the material is uniformly spread without pools of liquid. It is recommended that NANO O SHIELD 53 is applied in 2 coats. The second coat can be applied on top of the first one after it has soaked sufficiently before complete drying. Application is not recommended under extreme solar radiance (temperature greater than 35°C) or rainfall, or in periods when temperature is expected to drop below zero. Clean application tools with water immediately after use.

Packaging
Plastic pots, 5 kg

Storage
Preferably in shady and roofed locations, low in moisture. protected against ice, high temperature and exposure to sunlight for at least 12 months.

Notes
Technical details, properties, recommendations and information on products are supplied in good faith. They are based on the company's research and experience, provided that they are stored and applied under normal conditions. As the method of using materials as well as project and environment conditions are beyond the control of the company in each individual application setting, the product user is held solely responsible for the result of application. No responsibility under any legitimate relationship can be substantiated against the company, based on the information set out hereunder. Product users are advised to refer to the latest revision of the technical manuals available.

Other information
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