

Lithofin NanoTOP High Performance Protector for Natural Stone

Description

A special Lithofin product developed for professional use. This high performance impregnator, based on nano technology, makes natural- and artificial stone water and oil repellent.

Properties

Lithofin NanoTOP is thin, colourless, ready-to-use, and easy to apply. It protects natural stone against staining, without changing the natural appearance of the surface.

Effectiveness: the active components build a thin, invisible film in the capillary system of the stone, which repels water, oil, and grease. The time oil and other substances can remain on the surface without leaving any trace depends on the type of stone as well as the handling of the surface. Experience: approx. up to 48 hours for limestone, 72 hours for polished granite, though there have been (e.g. imperial white and multicolour) peak values of 168 hours. During this time, oil will not leave any staining. The water permeability of the stone remains intact. The product is UV-resistant and does not yellow.

Technical data:

Density: approx. 0,8 g/cm³ Flashpoint: >23°C
 Appearance: colourless Odour: aromatic

Field of Use

Protects against staining and simplifies the maintenance of most natural stone surfaces. Suitable for sensitive surfaces such as kitchen work tops, table tops, window sills, bathrooms, and the like.

Surfaces: granite, gneiss, and gabbros with polished or rough surfaces.

Attention: limestone and marble remains acid-sensitive.

The surface of some types of honed or bushed stones e.g. nero, assoluto, impala become darker in colour.

Directions for Use

The area to be treated must be absorbent, completely dry, clean as well as free of oil, wax and grease. The surface temperature has to be between 10°C and 25°C.

With no prior experience or in cases of doubt, try the product in an inconspicuous area.

Apply Lithofin NanoTOP undiluted and evenly with a clean brush, roller or cloth. On highly absorbent surfaces, the application may have to be repeated after about 10 min. Allow to penetrate for 20 min. Important for unpolished surfaces: do not allow the surface residues to dry, wipe off with clean cloth. On polished surfaces: product residues can be removed with a micro fibre cloth for up to 12 hours after drying.

Please Note: glass, ceramics, wood, and other surfaces sensitive to solvents must be protected against splashes.

Coverage: depending on the absorbency of the stone.

Estimate: polished granite, gneiss: approx. 15 m²/litre
 rough/honed granite: approx. 10 m²/litre
 other honed surfaces: approx. 6-20 m²/litre

Drying Time: approx. 30 minutes. Work piece can be transported after 2 hours. Do not use suction cups.

The product will be fully effective after 5 days.

Durability, Aftercare

The impregnator remains effective for about 3 years, depending on the care products used. Strong degreasing or layer forming products are not suitable. To maintain the full effect, touch up the protective treatment once a year with Lithofin MN Stain-Stop or Lithofin STAINSTOP "W".

For regular maintenance, we recommend using Lithofin MN Easy-Clean.

Storage

Keep closed, cool (not under 10°C) and dry. Shelf life: up to two years. Open containers should be used quickly.

Environmental Protection

Contains solvents, free of chlorinated hydrocarbons.

Disposal: liquid product is classified as special waste.

Containers are made of environmentally friendly tin plate.

Clean containers can be recycled through collection systems.

Safety

Contents: hydrocarbons, siloxane, resins, auxiliary agents.

Risk and Safety Phrases: Symbol Xn, N >harmful, harmful to the environment. Naphtha hydrodesulphurized heavy.

Flammable. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness. Keep out of the reach of children. Do not breathe vapour. Avoid contact with skin. If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

ADR2003:	
labelling on box:	additional information on paperwork
UN1993	none, limited quantities

Packaging

1 litre bottle with child-proof cap (10 per box)

5 litre canister (2 per box)

Please Note: statements concerning environmental and safety issues refer to the product as delivered (concentrated).

This information should be considered to be informal and non-binding.

The products must be used according to local conditions and materials.

Where no previous experience is available, or in cases of doubt, test the product in an inconspicuous area. (GB2.07bs/2.07)

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