Lithofin NanoTOP High Performance Impregnator

**Description**
A special LITHOFIN product developed for professional use. This high performance impregnator contains highly active water and oil repellent nano-particles based on polysiloxanes in organic solvents.

**Properties**
Lithofin NanoTOP is liquid, 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 inside 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 properties of the surface.

Estimates based on Lab Tests:
- approx. 48 hours on limestone
- approx. 72 hours on polished granite, though values of 168 hours are achievable on some materials (e.g. imperial white, multicolour and others).

During this time, substances such as oil can be wiped off the surface without leaving any stains.

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: ca. 16°C
- Appearance: colourless
- Odour: aromatic

**Field of Use**
Protects against staining and simplifies the maintenance of nearly all natural stone surfaces. Suitable for sensitive surfaces such as kitchen work tops, table tops, window sills, vanity tops, bathrooms, etc.

- **Surfaces:** granite, gneiss, and gabbros with polished or rough surfaces. Highly suitable for engineered stone.
- **Attention:** limestone and marble remain acid-sensitive.

The surface of some types of honed or brushed stone (e.g. nero assoluto, nero impala) becomes darker.

**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 must lie between 10°C and 25°C.

Always test the product on a spare piece.

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.

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

Please Note: depending on the absorbency of the stone.

- **Estimate:** polished granite, gneiss: approx. 15 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 full effect of the impregnator lasts approx. 3 years. Through regular maintenance with Lithofin MN Easy-Clean the effect can be prolonged almost indefinitely.

Please Note: wipe up any spills immediately. Avoid using strong degreasers or layerforming products. Should the impregnator need to be touched up, we recommend using Lithofin MN Stain-Stop or Lithofin STAINSTOP >W<.

**Storage**
Keep closed, cool (not under 10°C) and dry. Shelf life: up to 2 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**
Safe for areas where food is handled – this Lithofin product has been tested according to EU-Ordinance 1935/2004 by an independent institute. The product is considered safe for treating natural and artificial stone surfaces that come into direct contact with food stuffs.

**Packaging**
- a) 1 litre bottle with child-proof cap (10 per box)
- b) 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. Always test the product in an inconspicuous area. (GBS.175/517)

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