

Lithofin NanoTOP High Performance Impregnator

Description

A professional product from the LITHOFIN range for natural and cast stone. High-performance impregnation with water- and oil-repellent nano-active ingredients based on polysiloxane, in solvents.

Properties

Lithofin NanoTOP is thin, colourless, ready to use and easy to process. It protects natural stones against stains and dirt without changing the characteristic appearance of a stone.

Mode of action: The active ingredients form a wafer-thin, invisible film in the capillaries of the surface. This ensures that water, oils and fats are not sucked in, but remain on the surface. The duration of this effect depends on the type of rock and the type of surface treatment.

Empirical values: up to 48 hours for limestone, up to approx. 72 hours on average for polished granite, with peak values of over 168 hours (e.g. for Imperial white and Multicolor) achievable. Within this time, oil, for example, can be wiped off without leaving stains.

The water vapour permeability is largely retained.

The active ingredients are UV-resistant and non-yellowing.

Technical Data:

Density: approx. 0.8 g/cm³

Flash point: approx. 24°C (c.C)

Appearance: colorless

Smell: aromatic

Scope

For stain-repellent care equipment for almost all types of natural stone. Particularly suitable for kitchen worktops and other stain-prone surfaces such as table tops, counter covers and window sills, as well as in bathrooms.

Substrates: granites, gneisses, gabbros, etc. with finely sanded, polished and brushed surfaces. Very suitable for cast stone and artificial stone (composite).

Note: The acid sensitivity of rock remains. In some types of rock (e.g. Nero Assoluto, Impala, etc.) with a polished or brushed surface, the colour becomes significantly darker.

Processing

The substrate must be absorbent, dried out, clean and free of oil, grease and wax, etc. The temperature of the workpiece must not be below 10°C and not above 25°C. If there is no experience yet, you must have a create a sample surface.

Evenly distribute Lithofin NanoTOP undiluted with a clean brush, roller or cloth. Repeat the process after 10 minutes if necessary. Leave on for 20 minutes.

Important for unpolished surfaces: wipe off excess completely with a clean cloth before drying.

If necessary, moisten the cloth with product and rework dry.

Dried product can be polished off polished hard stone within 12 hours with a microfiber cloth or white pad.

Please note: Glass, ceramics and solvent-sensitive surfaces (varnishes, wood, etc.) must be protected. The tools can be cleaned with dilution.

Yield: This depends on the absorbency of the substrate.

Guideline values: polished granites,
gneiss: approx. 15 m²/litre,
sawn granite: approx. 10 m²/litre,
brushed surfaces: approx. 6 - 20 m²/litre

Drying time: approx. 30 minutes. Workpiece can be transported after 2 hours, do not use rubber suction cups. Dehydration and full effectiveness within about 5 days.

Durability, post-treatment

The effect of the impregnation is maintained for about 3 years and then slowly wears off. Regular maintenance care with Lithofin MN Easy-Clean from the very beginning prolongs the effect for almost an unlimited period of time.

Note: Always remove stain-forming substances immediately, even from impregnated surfaces. Highly degreasing and layer-forming products are unsuitable for regular maintenance. If the impregnation needs to be refreshed, we recommend Lithofin MN Stain-Stop or Lithofin STAINSTOP >W<.

Storage

Sealed, dry, cool, not below 10°C.

Can be stored for up to two years. Process opened containers as soon as possible.

Environmental protection

Contains solvents, free of chlorinated hydrocarbons. Do not add to the wastewater.

Disposal: Container is made of environmentally friendly tinplate and can be recycled. Dried-out, empty containers can be disposed of via recyclable material collection systems (see note on label).

For information on labelling, transport and disposal, please refer to the safety data sheet.

Packaging units (PU)

a) 1 liter bottle with child-resistant cap (10 in a box)

b) 5 litre canister (2 per box)

Please note that the environmental and safety information applies to the (concentrated) product in delivery form. If dilution is appropriate for the application, the classification may change.

This information can and should only provide non-binding advice.

The use of the products must be adapted to the local conditions and the surfaces to be treated. If there is no experience and in all cases of doubt, the product should be tried out in an inconspicuous place beforehand. (GB2.26/10.25)