

Lithofin MN Stain-Stop

Description

A special product from the LITHOFIN-Range for marble, natural and engineered stone (MN). Lithofin MN Stain-Stop contains high quality water and oil resistant components based on alkoxysilanes.

Properties

Lithofin MN Stain-Stop penetrates into the surface and coats the capillaries with an extremely thin, invisible film. Oil, grease and water are not absorbed by the surface, but remain on the surface (12 to 36 hours on polished marble and limestone, up to 48 hours on granite and gneiss). During this time, oil can easily be removed without leaving stains. The effectiveness depends on the amount of product absorbed by the surface. The appearance of the natural stone is not affected. Some stones may become slightly darker in colour. The water absorbency of the stone is greatly reduced; the water permeability is only slightly affected. The product is UV-resistant and does not yellow.

Technical Data:

Density: approx. 0.8 g/cm³ Flash Point: about 32°C
 Appearance: colourless Odor: aromatic
 Reduction of water absorbency: approx. 90-95%
 Permeability: approx. 80 to 90%

Field of Use

For invisible protection against staining and for facilitating maintenance of all natural stone surfaces, including polished marble. Perfect for use on wall and floor surfaces in the kitchen and bathroom, as well as on table tops, window sills and other sensitive surfaces.

Please Note: marble and limestone will remain sensitive to acid.

Directions for Use

Without prior experience or in cases of doubt, try the product in an inconspicuous area prior to use. The surface to be treated must be completely dry and clean.

Working in small areas (10 to 15m²) apply product generously and evenly until the surface appears wet.

On dense stones: keep wet between 5 and 15 minutes and ensure even distribution. Completely remove all excess – do not allow to dry on the surface if not being absorbed into the stone.

On highly absorbent stones: keep wet between 5 to 15 minutes and ensure even distribution. After 1 hour repeat the process. Completely remove all excess – do not allow to dry on the surface if not being absorbed into the stone. Immediately check the whole surface for an even finish. Allow to dry for 1 to 2 hours.

Attention! the liquid product must sink into the stone. Do not allow the product to dry on the surface. Wipe excess product within 15 min.

Please Note: Non-absorbent surfaces cannot be impregnated. Glass, ceramics, wood, and other surfaces sensitive to solvents must be protected against splashes.

Application Temperature: the temperature of the surface should be between 10°C and 25°C. Switch off under floor heating.

Drying Time: After 30-40 min. surface will be dry and ready to be stepped on. Complete drying process and effectiveness of the impregnation will take approx. 5 days. During this time, do not cover the surface and wipe up any spills immediately.

Coverage: depends on the absorbency of the stone.

Estimates: on very dense stone: up to 40 m²/litre
 on polished surfaces: up to 15 m²/litre
 on rough and porous stone: 5-7m²/litre

Durability

The durability depends on the care products used. Strong degreasing or layer forming products are unsuitable to use. Heavily used surfaces such as kitchen counters should be retreated once a year.

Advice: Remove stain causing materials from impregnated surfaces immediately. For regular maintenance of kitchen counter tops we recommend Lithofin MN Easy-Clean.

Storage

Closed, cool and dry up to 3 years. Open containers should be used without delay.

Environmental Protection

Contains solvents, free of chlorinated hydrocarbons. Do not flush down drain.

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.

Ingredients: naphtha (petroleum) hydrotreated heavy (>60%); n-butyl acetate (<10%); auxiliary agents.

Labeling according to VO(EG) Nr.1272/2008(CLP):

Symbol GHS 02, 07, 08, Danger
 Flammable liquid and vapour. May be fatal if swallowed and enters airways. May cause drowsiness or dizziness. Repeated exposure may cause skin dryness or cracking. Keep out of reach of children. Keep away from heat/sparks/open flames/hot surfaces - No smoking. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. Store locked up. Dispose of contents and container in accordance with local and national regulations.
Additional information is listed on the Material Safety Data Sheet.

ADR2015: Labeling for transport		
Unit	Label	Notes on freight papers
a, b, c	LQ	none, due to limited quantities

Packaging

- a) 1 litre bottle with child-proof cap (12 per box)
- b) 500ml bottle with childproof cap (10 per box)
- c) 5 litre canister (4 per box)

Please Note: 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. (AUS/NZ11.18sz/5.17)