

### 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/cm<sup>3</sup>      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. Areas should be treated in sections of approx. 10 to 15m<sup>2</sup>. Evenly apply a consistent amount of Lithofin MN Stain-Stop with a brush, a roller or a cloth. On highly absorbent surfaces, this procedure may have to be repeated after five minutes. Do not allow the surface residues to dry. Residues must be completely removed within 15 min. with a dry cloth. On large surfaces, remove the residues with a squeegee and polish with a white pad.

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. Dry residues must be removed within 24 hours. Please Note: None absorbent surfaces can not 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 remove wet spots.

Coverage: depends on the absorbency of the stone.

Estimates:      polished surfaces: 12 to 25m<sup>2</sup>/litre  
                   very dense stones: up to 40m<sup>2</sup>/litre  
                   rough/honed granite: approx. 5-7m<sup>2</sup>/litre  
                   porous sandstone: approx. 3-6 m<sup>2</sup>/litre

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#### Durability

Outdoor areas: up to 5 years. Indoors, the durability depends on the care products used. Strong de-greasing 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 Wash & 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

Active ingredients pose no health concerns once dry (according to tests by LGA Nuremberg). Ensure good ventilation during and after use. Special safety instructions apply when sprayed. Do not use in rooms where food is stored.

Contents: naphtha (petroleum) hydrotreated heavy, n-butyl acetate, auxiliary agents.

Risk and Safety Phrases: Flammable. Harmful: may cause lung damage if swallowed. Repeated exposure may cause skin dryness or cracking. 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.

#### First Aid Procedures:

Remove contaminated soaked clothing immediately. In case of inhalation, move victim to open area. In the event of symptoms refer for medical treatment. In case of contact with skin wash off immediately with soap and water. In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice. In case of ingestion, do not induce vomiting. If swallowed by mistake drink plenty of water and seek medical treatment.

#### Emergency Procedures:

In case of spill or other release, take up with absorbent material (e.g. sand, sawdust, general-purpose binder). In case of fire formation of dangerous gases possible. Suitable extinguishing material: foam, dry powder, carbon dioxide, sand.

Additional information is listed on the Material Safety Data Sheet.

ADR2003		
a,b,c,d	UN1993	none

#### Packaging

- a) 1 liter (1.06 Qts.) bottle with child-proof cap (10 per box)
- d) 5 liter (1.32 Gallons) canister (2 per box)
- c) 10 liter canister (2.64 Gallons) (2 per box)

This information should be considered to be informal and non-binding. The products must be used according to local conditions and materials. With no prior experience or in cases of doubt, test the product in an inconspicuous area. (GB8.07bs/5.07)