

# Stainstop PLUS

Premium impregnating sealer and colour intensifier (darkening)

## Description

A ready-to-use special product from the LITHOFIN-Range for ceramic, terracotta, all natural- and artificial stone, concrete and terrazzo style materials.

Lithofin Stainstop PLUS contains high-quality water and oil repellent impregnating agents based on siloxanes and dissolved in solvents. Special additives permanently intensify the colour structure.

## Properties

Lithofin Stainstop PLUS sinks into the stone and reduces the capillary absorbency so water, oil and grease can no longer penetrate the surface. These materials remain on the surface and can be wiped off before they cause stains. How long water, oil and grease remain on the surface depends on the stone and on the amount of product absorbed. In addition to protecting the stone, Lithofin Stainstop PLUS darkens the stones natural colours, thereby invigorating the colour structure.

### Technical data

Density: ca.0.82 g/cm<sup>3</sup>  
 Appearance: liquid, colourless  
 Flash Point: >23°C (c.C)  
 Odour: aromatic

## Field of use

For making absorbent ceramic, terracotta, all natural- and engineered stone, concrete and terrazzo surfaces stain resistant while at the same time intensifying their colour structure. Highly suitable for weak to medium absorbent natural stones like granite, gneiss, quartzite, slate and limestone with rough to honed surfaces. Conditionally suitable for polished stones.

Please note: Impregnated surfaces can not be treated. Marble and limestone remain sensitive to acid.

## Directions for Use

Always test this product in an inconspicuous area prior to application. The surface to be treated must be completely dry, clean and free of stains. Apply generously and evenly Lithofin Stainstop PLUS with a brush, lamb's wool applicator, roller or a cloth. The surface should be uniformly shiny and wet. Repeat this procedure within 20 minutes. After a further 20 minutes lightly wipe off excess product residues with a cloth slightly damp with Lithofin Stainstop PLUS to remove puddles, drips etc.

**Attention! The liquid product must penetrate into the surface. Rough surfaces: residues and foam should be evenly distributed before drying, but not completely dried off. Surface should appear shiny and wet.**

Polished surfaces: Carefully wipe product off within 20 minutes, do not allow residues to dry. On large areas, remove the product residues with a squeegee and buff the surface with a machine and a white nylon pad. If product has started to dry, re-apply Lithofin Stainstop PLUS and rub the surface.

Check all surfaces for a uniform appearance, if necessary immediately apply more Lithofin Stainstop PLUS. The product can not be removed once dry.

**Please note:** Some stones absorb unevenly which may result in a cloudy appearance. Glass, polishes, plastics, varnish and other surfaces sensitive to solvents must be protected against splashes. Non-absorbent and wet surfaces can not be impregnated. Marble and limestone remain sensitive to acid.

Drying time: Most of the solvents evaporate within two hours. Floors can be walked on after 12 hours. The impregnator is fully effective after 48 hours.

Application temperature: The temperature of the surface to be treated should be between 10°C and 25°C. Turn down under floor heating. Avoid direct sunlight.

Coverage: the coverage depends on the absorbency of the surface.

Approximations:

Rough, highly absorbent stones: approx. 6 to 8m<sup>2</sup>/litre

Polished stones: approx. 15m<sup>2</sup>

Very dense stones: up to 30m<sup>2</sup>

Maintenance: For natural stone and concrete style materials Lithofin MN Easy-Care used regularly cleans and supports the effect of Lithofin Stainstop PLUS. For ceramics, quarry tiles and terracotta use Lithofin KF Easy-Care.

## Storage

Closed, cool and dry. Shelf life approx. 2 years. Open containers should be used quickly.

## Durability

Outdoors, the colour-intensifying component lasts for 3 to 5 years, depending on the type of stone and the weather. The protective component will last for about 5 to 7 years.

Indoor 10 years plus. The durability depends on the maintenance products used. Strong degreasing agents, acid, alkaline and layer forming products are not suitable.

## Environmental protection

Contains organic 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: Naphtha hydrodesulphurized heavy (>60%); reactive polymer (<10%); n-butyl acetate (<10%); auxiliary agents.

Risk and Safety Phrases: flammable. Irritating to eyes and skin.

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.

First Aid Procedures: remove contaminated soaked clothing immediately. In case of inhalation, ensure of fresh air. 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:

flammable liquid, n.o.s. special provision 649

UN 1993, Class 3

Packaging Group II

## Packaging

1 litre bottle with child-proof cap (12 per box)

5 litre canister (4 per box)

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. (AU12.03gps/8.03)