

Lithofin RSG Slip Resistant Treatment

Description

A special product from the Lithofin-Range:
Lithofin RSG is a fluoride-based product formulated for altering the surface properties of granite and other hard stones.

Properties

Lithofin RSG reacts primarily with silicate containing natural stones and etches microscopically small cavities into the surface. These cavities affect the resistance of the surface, making it less slippery.

Technical Data:

Density: approx. 1.1 g/cm³

pH-Value: < 1,5

Appearance: colourless, clear

Odour: odourless

Solubility in Water: complete

Field of Use

For making polished, slippery surfaces like ceramics and natural stones such as granite, gneiss, and other hard stones slip resistant.

Please Note: the treatment will result in a loss of sheen on the surface, which is hardly visible. The surface may become more sensitive to dirt after treatment.

Directions for Use

Always try the product in an inconspicuous area prior to use. This trial application will allow you to estimate required working time (approx. 10-30 min.) and level of dilution. Absorbent surfaces must be wet when treated.

Apply Lithofin RSG evenly to the wet surface with a mop or sponge. Continue to mop to keep the product layer in motion. In case of early drying, add some water to keep surface wet. Once the required working time has been reached, add diluted Lithofin ASR (approx. 1:10), brush on and vacuum off. Rinse with water.

A second application may be necessary in some cases.

Advice: Especially on dark stones use the product only diluted with water (1:15 up to 1:10) and keep working times to a minimum. Not suitable for use on marble or limestone.

Attention: In order to achieve an even etching, ensure that Lithofin RSG is kept in motion and evenly spread across the surface.

Please Note: Protect glass, ceramics, porcelain, enamel, polished stones, metals and other sensitive surfaces against splashes to prevent damage.

Application Temperature (surface): between 15°C-25°C.

Switch off under floor heating.

Coverage: approx. 15 to 20m² per litre.

Further Maintenance

Protect the surface with Lithofin MN Stain-Stop in order to render it resistant to water and oil. For regular maintenance use Lithofin MN Wash & Clean. Both products do not affect the slip resistance of the material.

Storage

Keep closed and cool in well ventilated areas, up to 5 years.

Environmental Protection

Surfactants are biologically degradable in accordance with EU-regulations. The acidic components are largely neutralised during cleaning.

Disposal: product residues are classified as special waste. Containers are made of environmentally friendly polyethylene (PE). Clean containers can be recycled through a collection system.

Safety

Contents: < 5% non ionic tenside, fluoride; auxiliary agents.

Labelling according to EU-Directive 1272/2008(CLP):

Symbol GHS 05, 07 Danger

Ammonium bifluoride. Fluorosilic acid.

Causes severe skin burns and eye damage. Harmful if swallowed. Keep out of reach of children. Wear protective gloves/protective clothing/eye protection/face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. Store locked up. Dispose of contents and container in accordance with local and national regulations.

ADR 2015: labelling for transport

Unit	Label	Notes on freight papers
a)	8, 6.1, UN2922	Corrosive liquid, n.o.s. (ammonium bifluoride, fluorosilic acid), 8, UN2922; II

Packaging

a) 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. (GB10.17gps/10.17)