

Lithofin RSG for Slip-Resistant Granite

Description

A special LITHOFIN-Product formulated for the professional user. Lithofin RSG is a fluoride-based product formulated for altering the surface properties of granite and other hard stones.

Technical Data:

Apparent Density: 1,06 g/cm³

pH-Value n.a. in Water: < 1,5

Appearance: liquid, colourless, clear

Odour: odourless

Solubility in Water: complete

Properties

Lithofin RSG reacts chemically 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.

Field of Use

For making polished 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 be more dirt sensitive after treatment.

Directions for Use

Preparation:

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

Execution:

Evenly apply Lithofin RSG to the wet surface with a sponge. Allow the product to work for approx. 20 minutes then add water. Brush the solution on the surface then immediately remove with a wet and dry vac. On larger surfaces, neutralize Lithofin RSG with Lithofin MN Power-Clean and rinse with water then remove. A second application may be necessary.

Please Note: especially on dark stones use the product diluted with water and keep working times to a minimum. In order to achieve the desirable result, ensure that Lithofin RSG is applied evenly. Should the product begin to dry, add some water.

Protect glass, ceramics, porcelain, enamel, polished stones, metals and other sensitive surfaces against splashes, since they may be damaged.

Coverage: approx. 15 to 20m² per litre.

Application Temperature: the temperature of the surface should be between 15°C and 25°C. Switch off under floor heating.

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 Easy-Care. Both products only slightly affect the slip resistance of the material.

Storage

Keep closed and cool in well ventilated areas. Shelf life of up to five years.

Environmental Protection

Acids are largely neutralized during treatment. In case of larger quantities, the pH-value should be evaluated and the product residues may have to be neutralized with lime.

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

Safety

Contents: fluoride; auxiliary agents.

Risk and Safety Phrases: harmful if swallowed. Causes burns.

Keep locked up and out of the reach of children. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves and eye/face protection. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

First Aid Procedures: remove contaminated soaked clothing immediately. In case of inhalation, ensure of fresh air. 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). Neutralize with slaked lime. Ensure adequate ventilation. Product does not burn, fire-extinguishing activities according to surrounding. May form hydrogen fluoride (HF).

Additional Information is listed on the Material Safety Data Sheet.

ADR2003:

ammonium hydrogendifluoride solution

UN 2817, Class 8

Packaging Group III

Packaging

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. Where no previous experience is available, or in cases of doubt, test the product in an inconspicuous area. (GB11.04gps/2.00)