Lithofin Anti-Slip

Description
The Lithofin Anti-Slip Set consists of a Basic Cleaner and the Anti-Slip Fluid.
This set is suitable for making slippery ceramics, enamel and natural stone surfaces slip resistant.

Basic Cleaner: mildly alkaline for removing oily and greasy dirt from ceramics and natural stone.
Technical Data:
Density: ca. 1.0 g/cm³ pH-Value: ca. 10
Appearance: liquid, yellowish Odour: non-specific
Solubility in Water: complete

Anti-Slip: fluoride containing product for roughing ceramic and natural stone surfaces.
Technical Data:
Density: ca. 1,0 g/cm³ pH-Value: ca. 3
Appearance: liquid, red Odour: non-specific
Solubility in Water: complete

Properties
The Lithofin Anti-Slip Fluid chemically reacts with the surface of ceramics, enamel and silicate containing natural stones. The product etches small cavities into the surface, thereby increasing the slip resistance. Suitable for indoor and outdoor use.

Field of Use
For rendering surfaces slip resistant. Especially suitable for porcelain, glazed ceramics, enamel and natural stone such as granite, gneiss, etc. This treatment also works on wet surfaces.

Directions for Use
1. Preparation: the surface must be thoroughly cleaned. Dilute Lithofin Basic Cleaner up to 1:5 with water and apply with a sponge. Vigorously scrub the surface with the rough pad on the sponge. Carefully rinse the clean surface with plenty of water to remove all product residues.
2. Treatment: first try the product on a left over tile or in an inconspicuous area in order to evaluate the effect and determine the working time.
Apply Lithofin Anti-Slip to the clean and dry surface and immediately distribute the product evenly with the second sponge (wear the enclosed protective gloves). There should be a visible liquid film on the surface.
During working time, repeatedly wipe and redistribute the product with the sponge, add more product if necessary.
Do not allow the product to dry (Lithofin Anti-Slip only works as a liquid). Avoid foam. Continuously check the slip resistance by moving the sponge across the surface.
Stop treatment when the desired effect is reached.
3. End Treatment: add water and a few drops of Lithofin Basic Cleaner to the solution on the surface, distribute immediately and wipe off the surface. Rinse well with clean water.
Important, Please Note: especially the undiluted product must not come in to contact with sensitive surfaces (polished limestone, marble, lacquer, wood, carpets, etc.). Immediately wash off any splashes. Protect metals and other adjoining areas. The surface to be treated must be completely clean and free of grease and care product residues. The surface temperature should be between 10°C and 25°C during application. Switch off under floor heating.
The surface is permanently altered on a microscopically small scale. Not suitable for acrylates and other plastics. High gloss and polished surfaces will become slightly less shiny. Natural stone may become lighter in colour.
Always try the product prior to use.
Coverage: up to 6 m² per set.
Storage: closed and cool in well ventilated area. Up to 3 years.

Further Treatment
Granite and other natural stones should be impregnated with Lithofin MN Stainstop or Lithofin STAINSTOP >W< and maintained with Lithofin
MN Wash & Clean.

Environmental Protection
The contained surfactants are biologically degradable according to EU-regulations. Does not contain any phosphates.
Disposal: diluted product may be added to waste water.
Containers are made of environmentally friendly polyetylene (PE). Clean containers can be recycled through collection system.

Safety
Basic Cleaner:
Ingredients: < 5% anionic wetting agents, < 5% non-ionic wetting agents, 5 - 10% Butylglycol.
Labelling according to EU-Directive 1272/2008(CLP):
Symbol GHS 05 Danger
Propylheptanolethoxilate. Quaternary C12-14 alkyl methyl amine ethoxylate methyl chloride
May be corrosive to metals. Causes severe skin burns and eye damage. Keep out of reach of children. Keep only in original container. 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.Anti-Slip Fluid:
Ingredients: <5% non-ionic surfactants, ammonium-hydrogendifluorid.
Labelling according to EU-Directive 1272/2008(CLP):
Symbol GHS 05 Danger
Ammoniumhydrogendifluoride
Causes severe skin burns and eye damage. 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)	LQ	none, due to limited quantities

Packaging
a) Set with 250ml Basic Cleaner, 250ml Anti-Slip Fluid, 2 sponges, protective gloves, detailed directions for use. (10 sets 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. (GB11.15gps/10.15)

Manufactured in Germany by:
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