

Technical Instruction Sheet

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Characteristics:

AKEMI® Stain Repellent W is a water-based, ready for use impregnation consisting of high quality agents. The product is distinguished by the following qualities:

- reduced water absorption during periods of moisture
- oil- and grease repellent effect
- low adhesion of colours on treated stone surfaces (anti-graffiti effect)
- maintenance of breathing properties
- tack-free hardening
- resistance to UV radiation
- no surface layer
- easy application
- no odour nuisance
- easy cleaning of the tools with water

Field of Application:

AKEMI® Stain Repellent W is used for water-, grease- and oil repellent impregnation of absorbent polished and rough natural and cast stones (e.g. marble, granite, sandstone, cotto, concrete ashlar) Polished stones can also be protect, yet, the impregnation is not suited for polished stones which are sensitive to acids, s. a. marble or lime stone. The care of floorings in the kitchen or bathroom, on window sills, tables, façades and other areas will considerably become easier. The product is free of nuisance and therefore especially suited for application in rooms already in use.

Instructions for Use:

1. Cleaning: the surface must be clean, totally dry and free from all layers. Depending on the type of stone and the degree of soiling, the following products can be recommended, please pay attention to our care recommendations as well as our specification sheets: AKEMI® Stone Cleaner, AKEMI® Concrete Film Remover, AKEMI®, Rust Remover, AKEMI® Wax Stripper, AKEMI® Algae and Mildew Remover, Oil and Grease Remover Paste, AKEMI® Graffiti-Remover. Rinse well with water without fail after cleaning. Before the stone is given its protective treatment, it must be totally dry. As a rule, this is the case after 1-2 days at the earliest.
2. Shake well before use.
3. To evaluate the efficiency, appearance and material consumption prepare a sample area.
4. Working temperature: 10°C/50°F to 25°C/77°F. Avoid direct sunlight and moisture until the development of the water- and oil repellent effect.
5. Depending on the absorbency apply one or more times fully and evenly with a brush, roller, spraying device or a fluff-free cloth.
6. Always apply on the whole surface.
7. Remove surplus material with an adequate cloth or fabric approx. 20 minutes after the last application . Use a pad or lambskin for polished surfaces.
8. After approx. 24 hours the full effectiveness of the product is reached.
9. AKEMI® Mild Stone Soap is very well suited for regular cleaning.

Special Hints:

- Even on stone surfaces impregnated with AKEMI® Stain Repellent W, it is possible that spots are forming after a long exposure time by aggressive products, s.a. juice, vinegar, alcohol or cosmetics. Yet, this formation is by far lower as on surfaces not being treated with Stain Repellent W. Spots can be avoided by immediately removing those aggressive products.
- Stain Repellent W is not suited for glazed and non-absorbent surfaces.
- A surplus of the product causes blooming and spotting.
- To examine the colour enhancement, it is recommendable to test on a sample piece or an inconspicuous area.
- Use AKEMI® Liquid Glove to protect your hands.
- Surfaces to be treated must be protected against direct solar radiation.

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- Protect parts to be bonded, window screens or parts to be varnished.
- When applying the product correctly it is not hazardous for the health.
- For adequate waste disposal container must be completely emptied.
- Matt spots may occur on the polished surfaces of acid-sensitive natural stone. For this reason, try it out on an inconspicuous place.

Safety Measures: see EC Safety Data Sheet

Technical Data:

Coverage:	approx. 1 - 15 m ² /litres, depending on the absorptive capacity of the stone
Colour:	transparent yellowish
Density:	approx. 1 g/cm ³
Shelf life:	1 year approx. if stored in cool place free from frost in its tightly closed original container.

Notice: The above information is based on the latest stage of technical progress. It is to be considered as a non-binding hint and does not release the user from a performance test, since application, processing and environmental influences are beyond our realm of control.