

Technical Instruction Sheet

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Characteristics:

AKEMI®'s Anti-Graffiti is a single-component, self-priming upper layer application on the basis of a watery emulsion containing silicone and polymers. The product has the following particular properties:

- it is weather-resistant
- is diffusible in vapours
- does not yellow
- has a non-sticky surface
- has water and paint repellent properties
- causes only a minimal deepening of the colour tone
- graffiti can be easily removed by means of steam

Field of Application:

AKEMI®'s Anti-Graffiti functions as a prophylactic protective treatment on façades, building, monuments etc. It is especially suitable for all absorbent mineral bases such as natural and artificial stone, concrete, bricks, clinker, sand-lime bricks, plaster etc. The product is neutral on the pH scale and is compatible with all building materials. AKEMI®'s Anti-Graffiti is not suitable for plastics or wood (hazard of swelling). The treatment of polished surfaces results in a loss of lustre. Graffiti aerosol paint, felt-tip pen ink and the like can easily be removed with a steam jet.

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® Concrete Film Remover, AKEMI® Rust Remover, AKEMI® Wax Stripper, AKEMI® 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. The product is to be used undiluted and, according to the absorbency of the base, is to be applied at least twice – in the event of highly absorbent surfaces three times – wet-in-wet at intervals of 15 – 30 minutes with a paint brush or a lamb's wool roller.
3. The best working and ambient temperature should lie between 10° - 30°C; direct sunshine is to be avoided.
4. The treated surfaces are to be protected from moisture (e.g. rain) for at least the first five hours after application.
5. Paintbrushes, rollers, vessels etc can be easily cleaned with water.
6. Graffiti paint can be removed with hot water or steam jet without cleaner additives (20 – 50 bar, 120° - 140°C, spraying distance approx. 10 – 15 cm).
7. In order to separate paint particles from the water AKEMI's special fibrous matting should be laid on the floor flush with the façade.
8. After the removal of the graffiti the protective coating must be renewed.

Special Hints:

- Surfaces which were treated with AKEMI® Anti-Graffiti cannot be polished.
- The appearance of crystalline stone may change as a result of the treatment.
- Organic solvents and cleaning products on a soap basis work aggressively on the product and diminish or even annul the protective effect. Even dry scrubbing may be inexpedient.
- In the case of some materials (e.g. fine crystalline sandstone) it is possible that traces of colour remain after the cleaning procedure despite the treatment with AKEMI® Anti-Graffiti.
- The product is not suitable for polished or glazed surfaces.
- The protective coating should be renewed after 3-5 years at the latest.
- For adequate waste disposal container must be completely emptied.

Safety Measures:

see EC Safety Data Sheet

Technical Data:

Coverage:	according to the absorbency of the base approx. 100-500g/m ² or 2-10m ² /litre
Colour:	milky-white, after drying transparent
pH value:	approx. 7
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.