

## Technical Data Sheet

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- Properties:** AKEMI® Anti-Graffiti is a ready-to-use, self-priming upper layer application on the basis of a watery emulsion containing silicone and polymers. The product is characterized by the following properties:
- weather-resistant
  - vapour diffusible
  - does not yellow
  - has a non-sticky surface
  - water- and paint repellent properties
  - causes only a minimal deepening of the colour tone
  - graffiti can be easily removed by means of steam
- Application Area:** AKEMI® 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® 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, completely 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® Acid Cleaner, AKEMI® Intensive Cleaner, AKEMI® Algae and Moss Remover POWER or LONGLIFE, 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. Preparation of a sample area: before starting we recommend to prepare a sample area of 1 - 2 m<sup>2</sup> in order to examine the efficiency of the product, to evaluate the appearance of the treated object (colour enhancement) and to ascertain the material consumption as exactly as possible.
  3. Shake before use. 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 low pressure spraying device (max. 1 bar). Product run-off should be avoided.
  4. The best working and ambient temperature is between 10° - 25°C; direct sunshine is to be avoided.
  5. The treated surfaces are to be protected from moisture (e.g. rain) for at least the first 5 hours after application.
  6. Paintbrushes, rollers, vessels etc. can be easily cleaned with water.
  7. 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).
  8. In order to separate paint particles from the water a fine fleece should be laid on the floor flush with the façade.

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9. After the removal of the graffiti the protective coating must be renewed.

**Special Notes:**

- Special protective measure in case of spray application: avoid formation of aerosols and risk to third parties. Do not breathe vapours (protective mask).
- 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.
- On some natural stones like e.g. Nero Assoluto or Nero Impala the stone-imminent structures may be stronger intensified than the residual stone surface if treated with AKEMI® Anti-Graffiti. This might be seen as staining, however, the colour intensification is not a product defect but is attributed to the characteristics of the stone.
- For proper waste disposal, the container must be completely emptied.

**Technical Data:**

Coverage: 100 - 500 g/m<sup>2</sup> or 2 - 10 m<sup>2</sup>/liter, depending on the absorbency of the surface  
Colour: milky-white, after drying: transparent  
pH value: approx. 7  
Density: approx. 1 g/cm<sup>3</sup>

**Storage:**

If stored in dry and cool condition (5-25°C/41-77°F) in its closed original container at least 24 months from production.

**Health & Safety:**

Read Safety Data Sheet before handling or using this product.

**Important Notice:**

The above information is based on the latest stage of development and application technology. Due to a multiplicity of different influencing factors, this information – as well as other oral or written technical advises – must be considered as non-binding hints. The user is obliged in each particular case to conduct performance tests, including but not limited to trails of the product, in an inconspicuous area or fabrication of a sample piece.

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