

Technical Data Sheet

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- Properties:** AKEMI® Anti-Slide R9 Marble is a watery, inorganic formulation for the surface treatment of calcareous natural and artificial stone. A chemical reaction with the calcium components of the stone produces microscopic pores, which significantly improve the slip resistance of a wet surface.
- Application Area:** AKEMI® Anti-Slide R9 Marble produces an anti-slip effect on polished marble, limestone, terrazzo and concrete surfaces. Due to the anti-slip treatment, the surfaces generally meet the requirements of DIN EN 16165:2023-02 for slip resistance class R9.
- Instructions for Use:**
1. Before treatment with AKEMI® Anti-Slide R9 Marble, the floor must be thoroughly cleaned and any coatings and layers of impregnation removed.
 2. The degree of slip inhibition should be measured before and after treatment using a suitable measuring device (e.g. Floor Slide Control FSC 2000 print).
 3. Working temperature 15 - 25°C. Underfloor heating should be turned off in time.
 4. Apply undiluted generously and evenly using a sponge or a mop. Avoid foaming.
 5. Apply over the entire surface or up to a joint. Avoid applying a second coat to the same area.
 6. The reaction time depends on the desired effect and the properties of the stone (approx. 10 - 15 min). During this time, AKEMI® Anti-Slide R9 Marble must not dry up because it no longer reacts when dry. In order to judge the effectiveness of the product and the effect it has on the polish and the colour, preparing a sample area is necessary.
 7. Afterwards clean the surface with AKEMI® Stone Cleaner and rinse well with plenty of water until the surface water is neutralized.
 8. If necessary, the floor can be treated with AKEMI® Anti-Slide R9 Marble again.
 9. After a chemical roughening, the treated surface can be protected or the colour freshened up with products such as AKEMI® Stain Repellent Nano-Effect, AKEMI® Stain Repellent Super, AKEMI® Colour Intensifier or AKEMI® Darkener Super.
 10. AKEMI® Crystal Clean is suitable for regular cleaning.
- Special Notes:**
- For professional use only.
 - To determine the consumption, effectiveness and surface quality, it is essential to create a sample area.
 - The product is aggressive towards metals and other acid-sensitive materials. Therefore, areas that do not require anti-slip treatment must be protected or excluded from treatment.
 - Do not bring the product into direct contact with plants, otherwise rinse immediately with plenty of water.
 - Surfaces that have been previously treated with impregnations, colour intensifiers or similar agents may have an irregular surface.
 - The treatment with AKEMI Anti-Slide R9 Marble causes a loss of gloss and the colour intensity of the surface may decrease.
 - If the product dries on the surface, it can be reactivated with water.
 - Treatment with anti-slip agents increases the porosity of the surface and thus also its susceptibility to dirt. Basic cleaning is therefore necessary more often.

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- For proper waste disposal, the container must be completely emptied.
- Recycling in accordance with the guidelines of EU Decision 97/129 EC on the Packaging Directive 94/62/EC.

Technical Data:

Coverage: aprox. 10 - 20 m²/liter; depending on the absorbency of the stone
Colour: waterclear
Density: aprox. 1.02 g/cm³
pH value: aprox. 1 - 2

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.