

## Technical Data Sheet

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<b>Properties:</b>	<p>AKEMI® Ceramics Protector W is a ready-to-use impregnation dissolved in water which is based on high-quality active substances. This product is characterized by the following properties:</p> <ul style="list-style-type: none"><li>- repels moisture, grease and oil</li><li>- paints cannot adhere so easily to treated surfaces (anti-graffiti effect)</li><li>- does not yellow</li><li>- no surface coating</li><li>- not tacky when dry</li><li>- simple to use</li><li>- faint smell</li><li>- tools can be easily cleaned with water</li><li>- after hardening the product is harmless to health upon contact with food products, certified by an external German testing institute</li></ul>
<b>Application Area:</b>	<p>AKEMI® Ceramics Protector W is used to impregnate fine stoneware, clinker, ceramic and similar surfaces against water, grease and oil. Floor coverings in the kitchen and bath as well as other surfaces which are exposed to dirt are then much easier to clean. The product only has a faint smell and is thus particularly suitable in rooms which are already being used.</p>
<b>Instructions for Use:</b>	<ol style="list-style-type: none"><li>1. Cleaning: The surface must be clean, dry and uncoated. The following products can be used for cleaning purposes depending on the kind of soiling (please pay attention to our cleaning recommendations and specification sheets): AKEMI® Ceramics Cement Film Remover, AKEMI® Ceramics Intensive Cleaner, AKEMI® Stone Cleaner, AKEMI® Algae and Moss Remover, AKEMI® Wax Remover, AKEMI® Oil and Grease Remover Paste and AKEMI® Graffiti Remover. In all cases, rinse well with water after cleaning. The surface must be dry before the protective treatment is carried out.</li><li>2. Shake well before use.</li><li>3. To establish the quantity required, the visual effect and the effectiveness of the product, try it out on a test area first.</li><li>4. Working temperature: 10°C - 25°C; Turn off underfloor heating in good time, avoid direct sunlight and contact with moisture until the water and oil repellent properties take effect.</li><li>5. Depending on the absorbency of the surface, liberally apply the undiluted product wet on wet one or more times using a brush, paint roller, spray gun or fluff-free cloth.</li><li>6. Always apply to the entire surface.</li><li>7. Approx. 20 minutes after the last application (when the surface begins to dry up), use a suitable cloth or rag to remove any surplus liquid. Smooth surfaces can also be polished with a polishing pad or lambskin.</li><li>8. The product reaches its full effectiveness after approx. 24 hours.</li><li>9. AKEMI® Crystal Clean is excellent for general cleaning purposes afterwards.</li></ol>
<b>Special Notes:</b>	<ul style="list-style-type: none"><li>- If surplus product is not removed, it can cause stains and streaks.</li><li>- Surfaces, window panes or parts to be painted which are to be bonded later on must be protected (masked, covered up).</li><li>- In the case of some natural and artificial stone types which are sensitive to acid (e.g. limestone, terrazzo) blemishes may occur.</li></ul>

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- Surfaces which are exposed to a lot of wear (e.g. floors) should be treated with Ceramics Protector W once or twice a year.
- Product which has been inaccurately applied, can possibly be removed AKEMI® Impregnation Remover.
- For adequate waste disposal container must be completely emptied.

**Technical Data:**

Coverage:	approx. 20 – 40 m <sup>2</sup> /liter, depending on absorptivity of the surface
Colour:	transparent, yellowish
Density:	approx. 1 g/cm <sup>3</sup>

**Storage:** 2 years under cool and frost-free conditions in the firmly closed original container.

**Health & Safety:** Read Material 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 trials of the product, in an inconspicuous area or fabrication of a sample piece.