

Technical Data Sheet

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Properties: AKEMI® Anti-Corrosion Primer is a high-quality, 1-component primer based on oxidative cross-linking alkyd resins which contains solvents.

The product is characterized by the following properties:

- high-grade corrosion protection on account of anti-corrosion pigments
- fast drying
- weather-resistant
- free of heavy metals (lead, chrome, cadmium)
- can also be coated with 2-component acrylic lacquers

Application Area: AKEMI® Anti-Corrosion Primer is an undercoat which protects objects made of iron and steel from corrosion and which is used in body workshops as well as in the container, boat, tank and apparatus construction sectors. It is also used by the trades and for hobbies.

- Instructions for Use:**
1. The surface must be free of rust, grease, oil and dust, dry and slightly abraded.
 2. Stir up the contents of the can thoroughly before use.
 3. Dilute it with AKEMI® Nitro-Thinner if necessary.
 4. The product can be applied with a brush, roller or spray gun (spraying properties can be improved if AKEMI® Nitro-Thinner (5 - 10%) is added).
 5. If necessary, apply a second coat after approx. 20 - 30 minutes.
 6. Further coats of 1-component lacquers can be applied after another 1 - 2 hours. Coats of 2-component lacquers should only be applied after the rust primer has completely hardened (after approx. 1 week).
 7. In case of 2-component lacquers or wash primers, spray a thin coat first. The final surface coat can then be applied when it has hardened.
 8. Tools can be cleaned with AKEMI® Nitro-Thinner.

- Special Notes:**
- For professional use only.
 - The maximum thickness of the dry film should not exceed 60 µm because drying and hardening would otherwise be negatively affected and/or problems could arise with the topcoat.
 - It is recommended to carry out a compatibility test with the other products which are to be used in combination with the primer (fillers, topcoat) to avoid any irregularities in the finishing coat.
 - If coated with paint within a period of 2 - 7 days after its application, irregularities in the lacquer film may occur in the case of some topcoat enamels.
 - If the primer has already hardened, solvents are of limited effectiveness as a remover.
 - The primer may not be coated with 2-component polyester spray fillers or any other polyester fillers.
 - 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:

Colour:	grey
Density:	approx. 1.25 g/cm ³
Working temperature:	+5°C up to +35°C

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Drying time: dust dry after approx. 15 - 30 minutes
completely dry after approx. 24 hours
completely hardened after approx. 1 week

Thickness of dry film layer: 40 - 60 µm

Coverage: approx. 6 - 8 m²/liter

Storage: If stored in dry and cool condition (5-25°C/41-77°F) in its closed original container at least 12 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 trials of the product, in an inconspicuous area or fabrication of a sample piece.