

Technical Data Sheet

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Properties: AKEMI® Zinc Spray is a high-quality, one-component zinc dust paint which contains solvents.

The product is characterized by the following properties:

- long-lasting, active, cathodic corrosion protection
- smooth film without pores
- paintable
- compatible with spot welding
- electrically conductive

Application Area: AKEMI® Zinc Spray is used as a primer for car repairs, to rework or repair galvanized surfaces and as a protection against corrosion for exhaust pipes, heat exchangers, steel constructions and outside piping.

Instructions for Use:

1. The surface must be free of rust, grease and oil. It must be thoroughly cleaned, dry and slightly abraded.
2. Areas which are not to be painted should be covered up with masking tape or paper.
3. Before use, shake the can well for several minutes after hearing the steel balls rattle. Best application temperature 15°C to 25°C.
4. Apply a running layer (1-1½ cross-coats at a distance of approx. 25 cm) of Zinc Spray.
5. The paint layer is dust dry after approx. 20 minutes, and is dry enough to handle after approx. 50 minutes. After 6 hours at the earliest, but before 24 hours it can be coated with paint most commercially available paints (check the compatibility first). It is recommended, yet absolutely necessary for 2K-paints, to apply first a thin layer.

Special Notes:

- For professional use only.
- Do not use at too high temperatures or in intensive sunlight. Drying would take place too quickly and the finish will not be perfect.
- If the applied layer is too thick, it will not dry through properly.
- It is necessary to clean the spray nozzle when you have finished your work.
- Areas which have accidentally been sprayed with paint can be cleaned using AKEMI® Universal Thinner (check the compatibility).
- The food laws do not accept the use of any zinc dust paints in the vicinity of foodstuffs.
- Not suitable in combination with polyester autobody 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. 1.28 g/cm ³
Zinc content of zinc pigments:	98.5%
Zinc content of dry film:	90.5% (min. content according to DIN 50976 August 1980: 90%)
Drying time:	dust-dry after approx. 20 minutes touch dry after approx. 50 minutes completely dry after approx. 24 hours

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Recommended thickness of dry film: 60 µm
Temperature resistant: -50°C - 100°C; short time 130°C
Salt spray test SS DIN 50021, 250 hours, 60µm
dry layer: Ri 0 (DIN 53210)
Coverage: approx. 1.4 - 1.7 m²/spray can

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.