
Technical Data Sheet

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Properties:

AKEMI® Bitumen Undercoating Spray Gun is a stone guard based on bitumen dissolved in white spirit, synthetic resins and corrosion inhibitors.

The product is characterized by the following properties:

- highly effective against rust, stone strikes and corrosion caused by moisture and thawing salt
- non-dripping application
- high stability
- thick application layer possible
- compatible with surfaces made of PVC
- very good adhesion on iron, steel, wood (dried)
- cures to a grippy, tack-free and tough elastic film
- high abrasion resistance
- very good sound deadening properties
- very good thermal stability and low-temperature flexibility
- free of wax and silicones

Application Area:

AKEMI® Bitumen Undercoating Spray Gun is used for repairing, patching or reworking the underbody area of cars, caravans and trailers.

Instructions for use:

1. The surface must be derusted, degreased, thoroughly cleaned and dry.
2. Parts not to be coated, such as engine, gearbox, oil sump, cardan shaft, exhaust, axles, springs and parts of the brake and steering system, must be masked or covered.
3. The product is applied in several thin layers with a suction-feed spray gun (spraying pressure 3 - 6 bar, distance of approx. 25 cm) or with an airless spray gun.
4. The surface of the protection coating is dust dry after approx. 3 - 5 hours.

Special Notes:

- For professional use only.
- Optimum working temperature: 15 - 25°C.
- Low spraying pressure and a large nozzle cross-section result in a coarse surface structure; high spraying pressure and a small nozzle cross-section result in a smooth surface structure.
- Clogged air holes on the screw-in thread of the gun can cause the can to burst.
- Through-drying is significantly better when applying several thin coats than applying one thick coat.
- Parts sprayed by mistake can be cleaned with AKEMI® Universal Thinner, cold-cleaning agents or white spirit.
- The completely dried undercoating layer is not suited for painting and is not resistant to petrol, aromatics and oils.
- 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.

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Technical Data:	Colour:	black
	Density:	approx. 1.03 g/cm ³
	Temperature resistance:	approx. -30°C up to +80°C
	Recommended layer thickness:	600 µm wet, 400 µm dry
	Drying 600 µm wet at 20°C and ventilation:	dust dry: 3 - 5 hours completely dry: 24 hours
	Salt spray test SS DIN 50021, 1000 hours, 400 µm dry:	Ri 0 DIN 53210
	Coverage:	approx. 1 - 2 m ² /liter
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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