
Technical Instruction Sheet

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- Properties:** AKEMI® Undercoating and Stoning Protection is a product which protects against corrosion. It is based on synthetic rubber dissolved in turpentine substitute and corrosion inhibitors. The propellants are free of chlorofluorocarbons (CFC). This product is characterised by the following properties:
- highly effective against stone strikes and corrosion resulting from thawing salt
 - drip-free application
 - good adhesion to iron, steel, aluminium, (dry) wood and PVC
 - non-sticky, tough-elastic film which is firm to the touch
 - high abrasion resistance
 - can be coated with almost all commercially-available paints
 - very good anti-drum effect
 - very good heat resistance and low-temperature flexibility
- Application areas:** AKEMI® Undercoating and Stoning Protection is mainly used as a protection against flying stones for sills, spoilers and wheel arches as well as for repairs and improvements to the underbodies of cars, caravans and trailers.
- Instructions for use:**
1. The surface must be free of rust, oil and grease and has to be thoroughly clean and dry. Residual rust can be inactivated with AKEMI® Rust Converter.
 2. Parts which are not to be coated such as the motor, gearbox, sump, cardan shaft, exhaust, axles, suspension as well as parts of the braking and steering system must be masked with tape or covered up.
 3. Shake the spray can vigorously before use (you can hear the mixing balls).
 4. Apply several thin layers at a distance of approx. 25 cm.
 5. The surface of the protective coating is dry after approximately 30 - 60 minutes.
 6. After 1-2 hours it is possible to paint it with almost any commercially-available paint.
 7. If using a two-component lacquer, pre-spray a thin coat of wash primer or lacquer first; after hardening the final coat of paint can be applied.
- Special remarks:**
- Use AKEMI® "Liquid Glove" in order to protect your hands.
 - Optimum working temperature: 15-25° C
 - The product dries much better if it is applied in several thin coats rather than one thick layer.
 - When you have finished work, the spray nozzle must be sprayed empty.
 - Parts which have been sprayed by mistake can be cleaned with AKEMI® Universal Dilution, cold cleanser or cleaner's naphtha.
- Safety notices:** Please refer to the EC safety data sheet
- Technical specifications:**
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| colour: | grey or black |
| density: | approx. 0.93 g/cm ³ |
| heat resistance: | approx. 100° C for short periods;
longer periods: approx. 80° C |
| coverage: | approx. 1 – 1.5 m ² per spray can |
| shelf life: | can be stored for approx. 1 year in the closed
original container under cool and frost-free
conditions. |
- Notice:** The above information is based on the latest stage of our 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.

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