

Technical Data Sheet

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Properties: AKEMI® Shark Skin is a 2K polyurethane coating that provides surfaces with a protective barrier.

The product is characterized by the following qualities:

- protects against scratches and impacts
- protects against corrosion
- weather-resistant
- resistant to a wide range of chemicals including fuels, hydraulic oils, animal urine, salt water and more

Application Area: Generally applied as a protective barrier to high loaded metal and wood surfaces as for chassis, body panels, boot interiors, SUV body floors, tube guards, wheel arches, off-road vehicle load bodies, and truck and bus floors.

- Instructions for Use:**
1. Remove all loose material and any rust from the surface to be coated.
 2. Abrade the surface with P80 - P180 grit sand paper, clean and degrease.
 3. Aluminum, bare metal, and galvanized surfaces requires AKEMI® 2K Epoxy Primer for optimum adhesion and corrosion resistance.
 4. Fill the Shark Skin coating bottle (800 ml) with 100 ml of hardener (corresponds to a mixing ratio of 8:1).
 5. If required add AKEMI® Acylic Thinner to reduce the texture.
 6. Shark Skin tintable can be coloured with 5 - 10% of solvent-containing base paints, depending on the shade of colour. In any case the compatibility must be tested before starting to work (sample area).
 7. Replace cap and shake contents vigorously for at least 2 minutes.
 8. Remove cap from Shark Skin bottle with the mixed Shark Skin and attach the bottle to the AKEMI® Shutz Gun.
 9. Variations of air pressure adjusting, turn in or turn out the nozzle and spray distances, creates different textures.
 10. Apply to the prepared surface with an even sweeping motion to obtain the desired texture
 11. If applying additional coats allow to flash off for 30 minutes between coats.
 12. Touch dry depending on layer thickness <1 hour (20°C).

- Special Notes:**
- For professional use only.
 - The drying time depends on environmental conditions (temperature, humidity, air circulation and substrate temperature, etc.) and layer thickness. The object temperature during the coating process must be at least 3°C above dew point. Dew point chart is available on request. Ideal application temperature is between 15°C and 25°C.
 - 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:	black, tintable
Base:	polyurethane based with isocyanate hardened acrylate
Solid content:	approx. 70 +/- 4 % of the mixture
Solid volume:	approx. 54 +/- 5 % of the mixture

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Density: approx. 1.40 g/ml +/-0.15 of the mixture
Recommended
thickness of dry layer: 80 µm
VOC: < 500 g/l

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.

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