

KS-4000.2

Water-Based Body Protection

V01
06/2025

Description

- forms an elastic film
- fast-drying
- high adhesion with enhanced corrosion protection
- applicable on a wide variety of substrates
- grey-blue in liquid state, turning black after drying
- can be overcoated with commercially available water-based paints
- once fully cured, can be overcoated with commercially available solvent-based systems.

Area of application

KS-4000.2 is an environmentally friendly underbody protection for use on passenger cars, trucks, and buses, as well as in bodywork and trailer construction. The product is fast-drying (< 1 hour), paintable, and offers optimal protection against corrosion caused by road salt and alkaline solutions.

Product Data

Chemical base:	Water-based
Color:	Grey-blue / color change to: black
Density (15 °C) DIN 51757:	1,46 g/cm ³
Dry film thickness:	270 - 550 µm
Optimal Application Temperature:	> 10 °C
Non-volatile content:	Approx. 70 %%
Consumption:	400 – 800 g/m
Drying Time:	< 1 hours
Shelf Life:	Approx. 2 years in sealed original container

Handling

Surface preparation:

The surface must be clean, dry, free of grease and rust. Stir well before use; shake spray cans thoroughly.

KS-4000.2 is applied as delivered. If necessary, it can be thinned with demineralized water. In its wet state, the product can be easily removed with warm water. Reseal the container after use, as the product dries very quickly.

Clean tools and any contamination immediately with plenty of water. Flush spray equipment until no product residue is visible. An adhesion test should be performed beforehand on the surface to be treated.

Due to the variety of available paint systems, we generally recommend preliminary tests for adhesion and compatibility.

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Notice

Allow the product to reach the recommended application temperature naturally (avoid rapid heating/cooling). It is not recommended to apply the product at temperatures below 15 °C. Low application temperatures can alter the coating properties and affect the visual result. Before use, the product temperature, spray booth temperature, and object temperature should be adjusted to approximately 20 °C.



Safety issues

Directions for handling and waste disposal are in our Material Safety Data Sheet and the specifications of the Employers Liability Insurance Association for the chemical industry.

The before mentioned technical data and information, especially the recommendations for applying and using our products, are based on our current knowledge and experience when applied under normal conditions. In practice, the materials, surfaces or site conditions are so different that no warranty regarding the working results or liability, arising out of any relationship, can be inferred neither from this information nor from a verbal consultation, except we are charged with intent or gross negligence. In this case the user is obliged to prove that he has informed us about all points required for a proper and promising judgement in writing, in time and completely. Patent rights of any third party are to be observed. Furthermore, our general sales and delivery Terms and Conditions and the latest Technical Data Sheet, which should be demanded, apply.

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