

KS-500.2

Underbody protection

V01
06/2025

Description

- Underbody protection based on bitumen
- specially designed for non-draining applications
- very good adhesion to a wide variety of surfaces
- excellent protection against stone chipping and corrosion

Area of application

- specially developed for higher layer thicknesses
- suitable for cars, lorries, and buses
- excellent adhesion, permanently elastic and sound-insulating
- resistant to weathering as well as mild acids and alkalis

Product Data

Chemical base:	Bitumen-based
Colour:	Black
Density (15 °C) DIN 51757:	1,10 g/cm ³
Flash Point DIN EN ISO 2719:	Approx. 30 °C
Dry film thickness:	300 µm
Optimal Application Temperature:	10 – 35 °C
Non-volatile content:	> 55%
Consumption:	Approx. 350 g/m ²
Drying Time:	Approx. 8 hours
Shelf Life:	Approx. 5 years in sealed original container

Handling

Surface preparation:

The surface must be clean, dry, free of grease and rust. The underbody protection is applied in its supplied state. Stir before use; shake spray cans well.

KS-500.2 can be easily applied using air spray guns or airless systems. Application pressure should be between 4 and 7 bar. The product can be applied without sagging or overspray at application temperatures between 10°C and 30°C. It can be easily removed with white spirit.

Flammable and environmentally hazardous only in its liquid state. Keep away from ignition sources. Once the solvent has evaporated, the product poses no environmental hazard. The bitumen film is not harmful to humans, plants, or aquatic life.

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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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