

TECHNICAL INFORMATION

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Product name: Spraying wax preparation for underbody protection APP W 100 WAX. APP No. 050502.

Wax spray for corrosion protection of under carriages, buses, and trucks. Due to its very good adhesion to PVC, it is designed to strengthen the factory protection of chassis in new cars, as well as to regenerate the anti-corrosion protection after body repair and painting. It forms a permanently elastic, hydrophobic coating that adheres very well to the substrate. Resistance test in salt chamber 1000 hours.

Packaging:	1.0 L - 050502.
Product and additives:	W 100 WAX.
Basic ingredients:	W 100 WAX - synthetic wax, petroleum jelly, sulfonates, oil, impregnating additives, pigment, and solvents.
Color:	anthracite.
Yield:	1.0 liter per 1.4 m ² for 400 µm wet film or 200 µm dry film. Attention! In practice, performance depends on factors such as object shape, substrate roughness, application method, and working conditions.
Consistency:	Thick liquid.
Density at +20°C:	0.87 g/ml.
Viscosity:	Brookfield DVII Ca. 10000 m.Pas , sp 4, 12 rpm. Ca. 14000 m.Pas , sp 3, 6 rpm.
Solids content:	52%.
Temperature resistance:	-30°C to +75°C.
Chemical resistance:	the product after drying is resistant to water, salt spray, oil, acids, and alkalis in small concentrations. Moderately resistant to stone chipping.
Salt spray test:	up to 1000 hours with a product dry film thickness of 200 µm. Measurements according to SS DIN50021, rust DIN53210 → Ri0 and blister DIN53209 → m0/g0.

The above information is based on currently available data and knowledge on the product and its use. The information does not purport to be a description of product in terms of its quality, suitability for use in some conditions, nor does it guarantee any particular features. User shall follow instructions provided on labels and MSDS. Producer is not responsible for consequences and work effects that were influenced with factors beyond his control.

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- Application
- As a long-term anti-corrosion protection of the chassis.
 - As long-term protection against water and salt in wheel arches and outer surfaces of closed car chassis profiles.
 - As a thermal insulation and vibration reducing layer.
 - Can be used to protect metal sheets and parts during storage.

- Advantages
- Penetrating and water displacing product.
 - Long-term flexible and tight anti-corrosion barrier.
 - Salt solution resistance test 1000 hours.
 - Coating that does not contain bituminous products or asphalt.
 - Very good adhesion to many substrates.
 - Ready to use product after mixing.

Substrate

Suitable substrates Factory coatings. Primed and unfinished sheet metal.
Surfaces coated with primers and top coats. PVC corrosion protection coatings, rubber/resin, rubber/bitumen, and waxes.

Substrate preparation

Remove any corrosion centers from raw sheet metal bodywork. Sanding of large, smooth surfaces significantly improves adhesion of the compound to the substrate. It can be applied on bare metal, but for additional protection it is recommended to use anti-corrosion primer. Before spraying, the surface to be protected must be cleaned of dust, and if possible degreased with APP W900 remover.

Application

Mixing ratio W 100 WAX is supplied ready to use.

Application



Stir the material in the container well by shaking.
Peel off the cap protection and attach the container to the spray gun for maintenance.

Apply evenly at a pressure between 3.0 and 5.0 bar from a distance of about 25-30 cm at a temperature between +10°C and +25°C.

Number of layers: 1-2 x 1.

Attention!

Protect the engine, brake system, and exhaust system before applying the compound!

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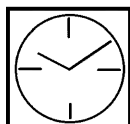


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Drying



Drying time at +20°C is:

- 4-6 h dust dry for 400 µm wet film,
- 8-12 h touch dry for 400 µm wet film
- 24 h thoroughly dry for 400 µm wet film.

Coatability

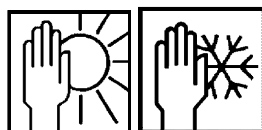
The coating is not suitable for varnishing.
It can only be coated with wax products.

Equipment cleaning

Turpentine. Aromatic solvents such as white spirit, naphtha, xylene, etc.

Solvent wash before curing.
After curing, clean mechanically.

Storage



Store in closed original containers in a dry and well ventilated room.
Protect against freezing.

Safety and health regulations

For professional use only.

See text on product labels or safety data sheet.
Users must comply with the health and safety regulations in force in their country.

VOC

VOC limit g/l in the ready to use product.

840 g/l for W 100 WAX

Maximum VOC content g/l in the ready to use product.

412.7 g/l for W 100 WAX

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