

## TECHNICAL INFORMATION

Report date: 29.11.2024



Revision date: 29.01.2024

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### **Product name: Spray wax preparation for chassis and hollow sections protection APP W 200 WAX 2in1. APP No: 050504.**

Transparent, wax-based spray compound for corrosion protection of the chassis and hollow sections of cars, buses and trucks. With very good adhesion to PVC, it is designed for improving the factory chassis on new cars as well as for regenerating corrosion protection after body and paint repairs. It forms a slightly tacky, permanently elastic, hydrophobic coating that adheres very well to the substrate. Salt chamber resistance test 1000 hours.

Packaging.	1.0 L – 050504.
Product and accessories.	W 200 WAX 2in1 – ready-to-use product after mixing.
Basic ingredients.	W 200 WAX 2in1 – synthetic wax and additives. Does not contain aromatic solvents such as toluene, xylene, benzene, etc.
Colour.	Milky white, transparent.
Yield	0.2 kg per 1 m <sup>2</sup> for 200 µm wet film. Note! In practice, the yield depends on factors such as the shape of the object, the roughness of the substrate, the application method and the working conditions.
Consistency.	Thick liquid.
Density at +20°C.	0.85 g/ml (DIN 53216).
Viscosity at +20°C.	Brookfield, Spdl 3, V100 – 325 mPa.s
Solid content:	42% DIN 53216 (3 h/120 °C).
Thermal tolerance.	-25°C to approx. +180°C.
Chemical resistance.	Once dry, the product is resistant to water, salt spray, oil, acids and alkalis in low concentrations.
Salt spray test.	<ul style="list-style-type: none"><li>• &gt; 1000 h Ri0 for a dry film thickness of 100 µm.</li></ul> Measurement in accordance with DIN53210.
Bending test.	DIN 53152, +70°C: no cracks and no loss of adhesion, DIN 53152, -30°C: no cracks and no loss of adhesion.

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#### Application

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

#### Advantages

- Penetrating and water displacing product.
- Long-lasting flexible and leak-proof corrosion barrier.
- When dry, a soft and somewhat sticky protective coating with a tendency to self-heal is formed.
- Salt solution resistance test 1000 hours.
- After drying, the coating is resistant to high temperatures of up to approx. +180 °C – can be used in the engine compartment.
- Very good adhesion to many substrates.
- Once mixed, the product is ready for use.
- The coating that does not contain bitumen products or asphalt.
- Does not contain harmful aromatic solvents.

#### Substrate

Suitable substrates.

Factory coatings. Raw and primed sheet metal.  
Coated surfaces with primers and topcoats. PVC anti-corrosion coatings, rubber/resin, rubber/bitumen and waxes.

Substrate preparation



Remove corrosion spots from raw body sheets.  
Sanding of large, smooth surfaces significantly improves the adhesion of the compound to the substrate. It can be applied to bare metal, but the use of an anti-corrosion primer and, for example, polyurethane varnish is recommended for full protection.

Before spraying, the surface to be protected must be cleaned of dust and, if possible, degreased with APP W900 remover.

#### Application

Mixing ratio.

W 200 WAX 2in1 is supplied as a ready-to-use product.

Application.



Mix the material in the container well by shaking.

- 2-3 min/15-25°C

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#### Application.



Peel off the nut protection and attach the container to the maintenance spray gun.

- Apply evenly to the chassis at a pressure of 3.0 to 4.0 bar from a distance of approximately 25-30 cm at a temperature of +15°C to +25°C.

Number of coats: 1-2 × 1.

Note!

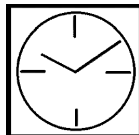
Cover the following before applying the compound: engine, brake and exhaust systems!

- Introduce the wax into the interior of the hollow sections through the maintenance holes using a nozzle with a hose.

Note!

The openings for the maintenance of hollow sections, through which the tube has been inserted, should be left open for a few more days; this will help to improve air circulation. Be sure to close them with the original, usually rubber caps.

#### Drying.



Drying time at +20°C and 65% RH is:

- 110 min stable and sticky to the touch for 100 µm wet film,
- 5 h stable through for 100 µm wet film.

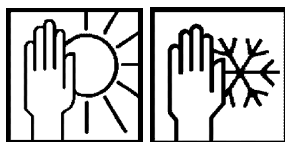
#### Coverage.

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

#### Equipment cleaning.

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

#### Storage



Store in closed original packaging in a dry and well-ventilated room and at a temperature of +10°C to +30°C. Protect from direct sunlight. Protect from freezing.

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#### OHS provisions



For professional use only.

See text on product labels or in the product MSDS.

Comply with the health and safety regulations in force in the country concerned.

#### VOC

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

840 g/l for W 200 WAX 2in1

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

508.1 g/l for W 200 WAX 2in1

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