

TECHNICAL DATA SHEET

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Product Name: Bitumen underbody protection APP B 220 Autobit. APP No.: 050811 and 050812.

Bituminous coating to be applied with a brush that provides anti-corrosion protection and features with sound-absorbing properties. It forms an elastic thermal insulation that protects against weather conditions. Provides anti-corrosion protection of vehicle chassis and protects wheel arches against stone related chippings.

Salt spray test performed according to DIN50021: 480 h / 375 µm.

Packing:	1.3 kg - 050811, 2.5 kg - 050812.
Product and additives:	B 220 Autobit.
Basic components:	B 220 Autobit - asphalt binder, fillers and thinners.
Colour:	Black.
Coverage:	1.3 kg / m ² = 1.0 L / m ² for 1000µm wet coat. CAUTION! In practice the coverage depends on certain factors including: object shape, substrate roughness, application method and ambient conditions.
Consistency:	bitumen mastic.
Density at +20°C:	1.28 kg/L - measurement according to DIN 51757 Standard.
Solids content:	77% - measurement according to DIN 53216 Standard.
Thermal resistance:	-25°C to +80°C.
Resistance to chemicals:	Upon drying the product offers resistance to water, salt, oils, acids and bases at low concentration.
Salt spray test:	Up to 480 h Ri 0 at dried coat thickness 375µm - measurement according to DIN 50021 Standard.
Bending test at +70°C:	Absence of cracking and good bonding strength - measurement according to DIN 53152 Standard.
Bending test at -30°C:	Minor cracking, without compromising bonding strength - measurement according to DIN 53152 Standard.
Bonding strength test:	Gt 0 for different metal substrates - measurement according to DIN 53151 Standard.

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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Use

- Long- term vehicle chassis anti-corrosion protection,
- Wheel arch and vehicle chassis closed components long-term protection against water and salt,
- Thermal insulation and reduction of vibration,
- Vehicle chassis protection against stone related chippings.

Substrate

Proper substrate:

Untreated and primed sheet metal.
Surfaces covered with base coats. lacquers and top coats.

Substrate
preparation:

Remove all traces of corrosion identified on car body sheet metal.



Sanding smooth large surfaces is recommended to improve adhesion to substrate.

Before spraying, firstly clean the surface to remove any dust and degrease with W900 stripper.

Application

Mixing ratio:

B 220 Autobit is a ready to use product of dynamic viscosity: 1.500 Pa.s Brookfield (shaft 7 / V 1/2).

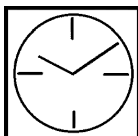
Application:



Apply with a brush at temperature from +15°C to +25°C.
If a thick coat is desired, drying between coats is recommended.
CAUTION!

Before application firstly protect engine, brake system and exhaust system!

Drying



Drying time at temperature +20°C and relative humidity 65%:

- 90-120 min Touch dry ~ 500µm wet coat.
- 10-12 h Total dry ~ 500µm wet coat.

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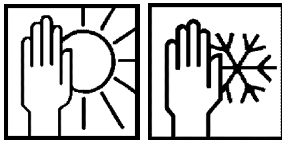
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Tool cleaning:

White spirit, petroleum spirit.
Before hardening clean with thinner.
Upon hardening mechanical cleaning is required.

Storage:



Store in closed, original containers, in dry and well ventilated spaces.
Protect against freezing.

Occupational safety:



Product for professional use only.
See: labels on containers and Material Safety Data Sheet.
User shall follow locally and regionally applicable industrial safety regulations.

VOC:

Permitted VOC in g/L of product ready to use.
840g/L for B 220 Autobit
Maximum VOC in g/L of product ready to use.
315.6g/L for B 220 Autobit

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