

TECHNICAL DATA SHEET

Issue Date:
23.10.2020



Revision Date:
23.10.2020
Page 1 from 3

Product Name: Bitumen underbody protection APP B 200 Autobit. APP No.: 050611.

Sprayed bituminous coating 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 DIN 50021: 1000 h/400 µm.

Packing:	1,0 L - 050611.
Product and additives:	B 200 Autobit.
Basic components:	B 200 Autobit – asphalt binder, fillers and thinners.
Colour:	Black.
Coverage:	0.7 kg/m ² = 0.6L / m ² for 600µm wet coat. CAUTION! In practice the coverage depends on certain factors including: object shape, substrate roughness, application method and ambient conditions.
Consistency:	Dense liquid.
Density at +20°C:	1.28 kg /L - measurement according to DIN 51757 Standard.
Solids content:	65% - measurement according to DIN 53216 Standard.
Thermal resistance:	-25°C do +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 1000 h Ri 0 at dried coat thickness 400µm - 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:	Absence of cracking and good bonding strength - measurement according to DIN 53152 Standard.
Bonding strength test:	Gt 0 for different metal substrates, PCV - 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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23.10.2020
Page 2 from 3

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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 200 Autobit is a ready to use product of dynamic viscosity: 40 Pa.s Brookfield (shaft 4 / V2).

Application:



Mix well before use by shaking the container.

Remove a cap and screw the container onto the spray gun body.

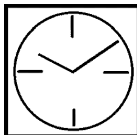
Apply evenly at pressure 3.0 to 6.0 bar keeping distance ca. 25-30cm at temperature from +15°C to +25°C.

Coat qty: 1-2.

CAUTION!

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

Drying



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

- 75 min. Touch dry ~ 100µm dry coat.
- 3.5 h. Total dry ~ 180µm wet coat.

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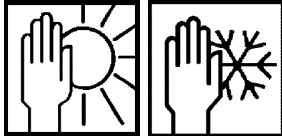
Revision Date:
23.10.2020
Page 3 from 3

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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 200 Autobit
Maximum VOC in g/L of product ready to use.
376.3g/L for B 200 Autobit

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