

Underseal, black

Description

Underseal is a bitumen-free, highly abrasion-resistant and solvent-containing coating material based on rubber and resins for the permanently flexible corrosion protection of underbodies, stoneguard and anti-drumming. When thoroughly dry, the coating provides permanently flexible corrosion protection with high resistance to aging and does not become brittle in cold weather. The dry coat adheres well to the cleaned underbody, even on painted surfaces or PVC, and is characterized by a very high resistance to abrasion.

Properties

- can be painted over when dry
- elastic protection
- good anti-drum effect

Technical data

Recommended storage temperature	5 - 25 °C
Boiling point	110 °C
Base	Kunststoff-Kautschuk und Harze / Plastic rubber and resin
Solids content	44 +/- 3 %
Risk of frost damage	nein / no
Density at 20 °C	1,02 g/ml DIN 51757
Flash point	4 °C
Color / appearance	schwarz / black
Wet coating thickness	bis 1,5 / up to 1,5 mm
Rigidity	gut / good
Viscosity at 20 °C	680 mPas
Processing temperature	15 - 25 °C
Thermal stability	-25 bis 120 / -25 to 120 °C
Drying time	30 - 60 min
Hazard class as per German VbF	AI
Odor	charakteristisch / characteristic
Through-drying	12 h
Form	flüssig / liquid
Viscosity at 40 °C	>7 mm²/s
Shelf life in original sealed container	30 months



Areas of application

Underseal is suitable for corrosion protection and repair work on the underbody, wheelhouses, front end, rear-facing panel, spoiler and sills and as a stone-guard. The material adheres to unpainted and painted surfaces. It can therefore be used on new parts (repair panels).

Underseal is also suitable for anti-drumming on the wheelhouses and side panels as well as covering and sealing repairs, welded seams and overlaps.

Application

The surfaces which have to be treated with underseal must be thoroughly cleaned beforehand. Rust must be removed. The surfaces must be dry and free of wax, dirt and grease and extensively free of dust. Underseal can be applied using the UBS spray gun, Part no. 6219 or the pressure-feed spray gun, Part no. 6220 with an operating pressure of 2 - 8 bar depending on the spray pattern desired.

Shake contents of can vigorously before use.

Do not leave containers open as the material will form a skin on the surface.

The coating material can be applied to vertical surfaces with wet film thicknesses of up to 1.5 mm. It is better to proceed in cross patterns to avoid spray shadowing.

The vehicle is ready for driving after about 1-2 hours, depending on the weather conditions and coating thickness. Final through-drying takes approx. 12 hours.

The coating may be painted over with commercially available vehicle paints (conventional and water-based) under the following conditions:

- after the coating has dried for at least 12 hours, "pre-mist" the paint thinly
- do not apply the final coat of paint until the pre-coat has begun to dry
- final oven drying can be carried out at 60 °C.

Comment

Do not spray material onto moving parts and hot components such as mechanical joints, the engine, gearbox, drive shaft, exhaust pipe, catalytic converter and brake systems.

Product information

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A blocked spray gun can cause the can to burst.
The operating instructions for the spray gun must be followed.

After use, clean the spray gun with the Cleaner and Thinner Part no. 6130.

Available pack sizes

1 l Can sheet metal	6114 D-GB-F-I-E-NL-P
1 l Can sheet metal	2894 D-DK-FIN-N-S

Our information is based on thorough research and may be considered reliable, although not legally binding.