

TECHNICAL DATA SHEET

Revision date: 22.02.2021

UNDERBODY PROTECTION

Article number:	37255, 37256, 37257
Colour:	black, grey, white
Intended use:	Car refinishing product/ Protective coating.
General characteristics:	Underbody Protection is a durable stone chip and anti-corrosion protection for your car's underbody, sills, wheel arches and spoilers. Due to the soft elastic surface that this product creates, we have achieved an increased resistance to shocks, scratches and an increased resistance to chipping. Thanks to the excellent noise insulating properties, this product is also suitable for insulating the interior coatings of hoods, trunk lids, doors or any components made of sheet metal, to eliminate the noise caused by vibrations. Can be painted over after 1-2 hours drying time.

Underbody Protection is characterized by:

- binder base: rubber and hydrocarbon resin
- solid content (% by weight): 69 - 71 %
- density DIN EN ISO 2811 (kg/l): 1,3 - 1,4 kg/l
- ensures a permanent flexible surface even in greater film thicknesses
- excellent stone chip resistance
- very good adhesive strength
- shock- and scratch-resistant
- permanently elastic even under large temperature fluctuations
- recoatable after only 1 - 2 h drying at 20 °C
- resistant to cold cleaning after drying
- resistant to fuel and mild solvents/acids
- resistant to road salt and neutral salt spray (DIN EN ISO 9227, 500 µm DFT on steel): 1000 h

Painting preparation process:**Hardener:** -**Mixing ratio:** -**Dilution:** ready to spray**Spraying viscosity 4 mm DIN:** -**Pot life at 20 °C:** -

- Application process:

Application method	Pressure	Nozzle
UBS gun	4 - 6 bar	5 - 10 mm

Spraying operations	DFT	Consumption
2	500 µm	1 m ² /l

Flash-off time	Between the coatings	Before the oven drying
	5 - 8 minutes	-

Processing conditions:

Please only use in an adequate ventilated environment with an ample supply of fresh air. Processing temperature should be at least +10 °C and max. air humidity should not exceed 80%.

Drying		Dust free	Set to touch	Recoatible
Object temperature	20 °C			after 1 - 2 hours

Processing tips:

The to be painted surface must be thoroughly cleaned and dried, free from dust, grease, oil and rust. Before starting to spray, degrease with silicone remover.

Old non-adherent underseal or old non solid paintworks must be removed first.

Slightly sand solid old coatings with grit P 220 - 320, then degrease with silicone remover.

In order to provide an even higher corrosion protection we recommend to apply Chamäleon epoxy primer before applying Underbody Protection.

In case of galvanised substrates or aluminium, an epoxy primers should be applied.

Before Spraying mask/cover the motor, exhaust pipes, stub axles, cardan shaft and brake system as these may not be sprayed!

Before use, shake the container thoroughly.

For application, an underbody spray gun with a 5 - 10 mm nozzle is screwed onto the 1 litre cartridge. Apply Underbody Protection evenly with an air pressure of 4 - 6 bar to the desired texture. A coarser texture can be achieved by reducing the spraying pressure, and a finer texture by increasing it.

VOC regulation:

EU limit value: Category B/e 840 g/l

This product contains max. 430 g/l.



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This release replaces all eventually earlier issued versions.

For additional information, not contained in this Technical Data Sheet, please contact the supplier via:
info@chamaeleon-produktion.de

For safety information, please refer to the corresponding Safety Data Sheet.

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