

TECHNICAL DATA SHEET*Revision date: 29.01.2025***UNDERBODY PROTECTION /
PAINTABLE STONE CHIP PROTECTION****Article number:** 37251, 37255, 37256, 37257**Colour:** grey, black, white**Intended use:** Car refinishing product/ Protective coating

General characteristics:

An overcoatable, durable stone chip and corrosion protection. Especially suited for application on floor pans, car underside, sill boards, wheel houses, spoilers, rear aprons, etc.

Due to its excellent sound deadening properties, Underbody protection is perfectly suitable for interior coatings of front hoods, boot lids, doors, sheet metal structures, etc. to eliminate vibration-related noise.

- ensures permanently a particularly soft surface even in elevated film thicknesses
- excellent stone chip resistance
- very good adhesive strength
- shock- and scratch-resistant
- permanently elastic even with large temperature fluctuations
- resistant to salt water and road salt
- resistant to neutral salt spray (DIN): 1000 h

TECHNICAL CHARACTERISTICS**Binder base:** rubber and hydrocarbon resin**Solid content (% by weight):** 69 - 71 %**Density at 20°C:** 1.3 - 1.4 kg/l**PAINTING PREPARATION PROCESS****Hardener:** without hardener

- **Dilution:** without thinner; ready to use

Substrate pre-treatment:

The substrate must be clean, dry, free from rust and grease. Remove old/loose coatings or primers. Before starting to spray, degrease the surface with silicone remover and mask off the motor, exhaust pipes, stub axles, cardan shaft and brake system as they may not be sprayed!

Old paint coating	Degrease, dry sand with P220-320, blow off, degrease again In order to provide better corrosion protection, we recommend to prime the surface with Chamäleon Epoxy primer 455 before applying the Underbody protection
Galvanized steel	Degrease, dry sand with P220-320, blow off, degrease again. Chamäleon Epoxy primer 455 should also be applied.
Aluminium	Degrease, dry sand P220-320 or mat with an abrasive finishing pad, degrease again. Chamäleon Epoxy primer 455 should also be applied.
Steel	Degrease, dry sand with P120-320, blow off, degrease again Protect against corrosion with Chamäleon Epoxy primer 455
Zinc	Must be pre-treated with an ammoniac wetting agent

APPLICATION PROCESS

Before use, carefully read and observe the warning texts on the label!

Processing conditions:

Please only use in an adequate ventilated environment with an ample supply of fresh air. Processing temperature should be at least +12 °C and max. air humidity should not exceed 80%.

Application method	Pressure	Nozzle
UBS spray 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 min	

Drying	Re-coatable
Object temperature 20 °C	1 - 2 h

Processing tips

- 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 with the desired texture. A coarser texture can be achieved by reducing the spraying pressure, and a finer texture by increasing it.

ATTENTION

- Before applying on the PU sealant carry out compatibility test.
- Use an additional 2K primer before applying a solvent-based underbody protection coating on PU sealant.

Sanding:

As flexible and structured coating, Underbody protection doesn't require usual sanding. If needed it can be sanded slightly with scotch-brite.

VOC regulation:

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

This product contains max. 430 g/l VOC

Shelf life:

36 months, if stored in tightly closed original containers.

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.