

**TECHNICAL DATA SHEET**

Revision date: 21.11.2023

**GUARD TRUCK BED LINER****Article number:** **37415****Colour:** Black**Intended use:** Car refinishing product/ Paint**Product description:** Highly resistant 2K polyurethan-acrylic paint for a scratch-resistant and robust black coating of truck bed surfaces (e.g. Pick-Up truck beds) and of all heavy duty surfaces on commercial vehicles, offroad vehicles, camping cars, trailers and SUVs etc.**Possible application areas:**

- bodies of SUVs and off-road vehicles
- rims of SUVs and off-road vehicles
- floors and storage areas in caravans
- underbodies and chassis
- bullbars, running boards, roof racks, spare wheel covers etc.
- fender well
- access ramps, decks of recovery vehicles and trailers

**General qualities:** Beside its very high wear resistance Guard Truck Bed-Liner provides also an excellent mechanical and chemical resistance. The very high vertical stability allows applying extremely high-build coatings. Easy to apply since 750 ml paint material is already filled in 1 litre cans for underbody sealants.**Properties:**

- high UV and weathering resistance
- excellent shock and scratch resistance
- high resistance to fuels and oils
- excellent water resistance
- provides noise reduction
- short-term temperature exposure: 180 °C
- permanent temperature exposure: 150 °C

**Processing instructions:****Hardener:** Chamäleon Hardener for Guard Truck Bed Liner**Mixing ratio:** paint + hardener 3:1 by volume

**Pot life:** 1 - 1,5 h with Chamäleon Hardener for Guard Truck Bed Liner at 20 °C

**Thinner:** 2K Thinner

**Spraying viscosity:**

750 ml Guard Truck Bed-Liner in 1L container for underbody sealant + 250 ml Hardener + shake approx. 2 minutes = ready to apply by UBS spray gun

For application by HVLP gun 10 - 20 % Chamäleon 2K Thinner must be added (depending on the needed texture)

### Application method:

Application method	Pressure	Nozzle
UBS-spray gun	2 - 4 bar	
HVLP (low pressure)	2 - 4 bar	1.6 - 2.5 mm

Spraying operations	DFT	Spreading rate
2-3	100 - 380 µm	3 m <sup>2</sup> /l for 200 µm dry film thickness

Flash-off time	Between the coatings	Before the oven drying
	10 - 60 minutes	10 - 15 minutes

### Processing conditions:

Please only use in an adequately 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 dry	Set to touch	Ready for assembly	Fully cured
Object temperature 20 °C	15 - 20 min	3 - 4 h	24 hours	
Object temperature 60 °C	-	30 min	1 - 2 hours	

### Substrate preparation:

**steel:** clean and sand slightly if necessary (remove all traces of rust and mill scale) and degrease with Chamäleon Silicone remover.

**zinc:** clean with ammonia alkaline wetting agent.

**aluminium:** clean, sand slightly and decrease with Chamäleon Silicone remover.

**wooden substrates:** clean, sand slightly and free from dust.

**GRP:** clean, sand slightly and decrease with Chamäleon Silicone remover.

■ **sound, 2K-resistant old paintwork:** clean, sand slightly and decrease with Chamäleon Silicone remover.

## Application proposal:

### steel:

priming coat: suitable Chamäleon 1K and 2K primer and filler (e.g. Chamäleon 1K Primer fast, Chamäleon Washprimer, Chamäleon Filling primer, Chamäleon Epoxy primer)

finishing coat: Chamäleon Guard Truck Bed Liner (coat thickness: 100 - 380 µm)

### zinc and aluminium:

priming coat: suitable Chamäleon 1K and 2K primer and filler (e.g. Chamäleon Washprimer, Chamäleon Filling primer, Chamäleon Epoxy primer)

finishing coat: Chamäleon Guard Truck Bed Liner (coat thickness: 100 - 380 µm)

### wooden substrates:

priming coat: Chamäleon Epoxy primer

finishing coat: Chamäleon Guard Truck Bed Liner (coat thickness: 100 - 380 µm)

### GRP and sound 2K-resistant old paintworks:

finishing coat: Chamäleon Guard Truck Bed Liner (coat thickness: 100 - 380 µm)

or with priming coat, if irregularities must be levelled

priming coat: Chamäleon Filling primer

## Processing tips

To ensure that the desired structure is achieved, we recommend making a sample.

Texture and gloss affect the colour.

To achieve an uniform texture apply the second layer as a drop coat.

Spray distance and spray pressure change the texture.

Masking or adhesive tapes which have been overcoated with Chamäleon Guard Truck Bed Liner, must be removed immediately after application. Otherwise, the fresh paint will be peeled off with the adhesive tape.

Not suitable to coat very oily and highly resinous woods (e.g. teak).

## VOC regulation:

EU limit value: Category A/j 500 g/l - B/e 840 g/l

This product contains max. 500 g/l of VOC.

**Storage:** at least 3 years in unopened original container.

This release replaces all eventually earlier issued versions.

For additional information, not contained in this technical data sheet, please contact the supplier under:

e-mail: [info@chamaeleon-produktion.de](mailto:info@chamaeleon-produktion.de)

For safety information, please refer to the corresponding Safety data sheet