

**TECHNICAL DATA SHEET***Revision date: 01.07.2024***2K GUARD TRUCK BED LINER**

<b>Article number:</b>	<b>37415</b>
<b>Colour:</b>	black
<b>Intended use:</b>	Car refinishing product/ Protection paint or bed liner
<b>General characteristics:</b>	<p>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.</p> <ul style="list-style-type: none"><li>▪ high UV and weathering resistance</li><li>▪ outstanding vertical stability allows applying extremely high-build coatings</li><li>▪ excellent shock and scratch resistance</li><li>▪ high resistance to fuels and oils</li><li>▪ provides noise reduction</li><li>▪ perfect mechanical and chemical resistance</li><li>▪ short-term temperature resistance: 180 °C</li><li>▪ permanent temperature resistance: 150 °C</li></ul> <p><b>Fields of application:</b></p> <ul style="list-style-type: none"><li>▪ bodies of SUVs and off-road vehicles</li><li>▪ rims of SUVs and off-road vehicles</li><li>▪ floors and storage areas in caravans</li><li>▪ underbodies and chassis</li><li>▪ bull-bars, running boards, roof racks, spare wheel covers etc.</li></ul>

**PAINTING PREPARATION PROCESS****Hardener:** Chamäleon 241 Hardener for 2K Truck bed liner**Mixing ratio (by volume):** 3:1**Dilution:** ready to use, addition of up to 10 - 20 % Chamäleon UNI Thinner 322 if applied by HVLP (depending

- on the needed texture).  
**Pot life at 20 °C:** 1 - 1.5 h

### Substrate pre-treatment:

The substrate must be clean, dry, free from rust and grease. Remove old/loose coatings or primers.

<b>Steel</b>	Degrease, dry sand with P240-320, blow off, degrease again. Apply suitable Chamäleon primers (first 2K Wash primer 404/2K Epoxy primer 455, afterwards Filling primer)
<b>Zinc</b>	Must be pre-treated with the ammoniac wetting agent. Apply suitable Chamäleon primers (first 2K Wash primer 404/2K Epoxy primer 455, afterwards Filling primer)
<b>Aluminium</b>	Degrease, dry sand with P240-320, blow off, degrease again. Apply suitable Chamäleon primers (first 2K Wash primer 404/2K Epoxy primer 455, afterwards Filling primer)
<b>Wooden substrates</b>	Degrease, sand slightly, blow off. If a very smooth surface is needed, use a suitable 1K or 2K Chamäleon Primer/Filler. ATTENTION: Not suitable to coat very oily and highly resinous woods (e.g. teak)
<b>GRP</b>	Degrease, mat with an abrasive finishing pad, degrease again. *If irregularities must be levelled, use priming coat: Chamäleon 2K Epoxy primer 455/Chamäleon 2K All in one primer 466
<b>Old paint coating</b>	Degrease, dry sand with P220-280, blow off, degrease again. *If irregularities must be levelled, use priming coat: For example, Chamäleon 1K Isolator primer 411

### 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	2.0 - 4.0 bar	-
HVLP	2.0 - 4.0 bar	1.6 - 2.5 mm

Spraying operations	DFT	Consumption
2 - 3	100 - 380 µm	4.7 m <sup>2</sup> /l by 100 µm DFT 3 m <sup>2</sup> /l by 200 µm DFT

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

Drying	Dust free	Set to touch	Ready for assembly
Object temperature 20 °C	15 - 20 min	3 - 4 h	24 h
Object temperature 60 °C	-	30 min	1 - 2 h

### Processing tips:

- Add 250 ml of hardener to 750 ml paint material in 1 litre cans for underbody sealants. Shake the can vigorously.
- We recommend making a test application to check the desirable structure.
- Texture and gloss affect the colour.
- To achieve a uniform texture, apply the second layer as drop coat.
- Spray distance and spray pressure change the texture.

### ATTENTION

Masking- or adhesive tapes which have been overcoated with 2K Guard truck bed liner, must be removed immediately after application. Otherwise, the fresh paint will be peeled off with the adhesive tape.

### Related Chamäleon products:

Hardener	241 Hardener for 2K Truck bed liner
Thinner	322 UNI Thinner

### VOC regulation:

EU limit value: Category B/e 840 g/l  
This product contains max. 500 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.