

## TECHNICAL DATA SHEET

Revision date: 20.03.2024

### 1 K PRIMER FAST

<b>Article number:</b>	14225, 14227
<b>Colour:</b>	grey
<b>Intended use:</b>	Car refinishing product/ Filler and surfacer
<b>General characteristics:</b>	1 K Primer fast is a free from chromate and lead repair filler-primer with excellent filling properties and good hiding power for the automotive refinishing sector. Can be used on old sanded two-component paints, old primers or directly on steel. This product offers time savings thanks to fast drying and sanding.

### PAINTING PREPARATION PROCESS

**Hardener:** without hardener  
**Dilution:** Chamäleon UNI Thinner 322/323 approx. 50 - 70%  
**Spraying viscosity 4 mm DIN (20°C):** 15 - 20 s

#### Substrate pre-treatment:

The substrate must be clean, dry, free from rust and grease. Remove old coatings or primers that have not cured or are not sound.

<b>Old paint coating</b>	Degrease, dry sand with P320, blow off, degrease again
<b>Polyester putties</b>	Dry sand, use P240-320 for final sanding, blow off, degrease
<b>Epoxy primer</b>	Dry sand, use P240-320 for final sanding, blow off, degrease
<b>Wash primer</b>	Apply after drying
<b>Steel</b>	Degrease, dry sand with P120, blow off, degrease again. Apply Wash primer before for better adhesion
<b>Cathodic e-coating</b>	Degrease, dry sand with P320, blow off, degrease again

**ATTENTION:** Do not apply on thermoplastic substrates

## APPLICATION PROCESS

### 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
Gravity spray gun	1.6 - 2.0 bar	1.3 - 1.6 mm
HVLP	1.6 - 2.0 bar	1.3 - 1.6 mm

Spraying operations	DFT	Consumption
2 - 3	20 - 40 µm	5 - 7 m <sup>2</sup> /l

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

Drying	Dust free	Sandable	Re-coatable
Object temperature 20 °C	15 min	45 min	30 min
Object temperature 60 °C			15 min
IR-Drying shortwave*			8 min
IR-Drying mediumwave*			10 - 15 min

\*The temperature of the object should not exceed 60 - 70 °C.

### Sanding:

When used as sanding filler after drying, sand as follows:

- For 1-layer topcoats, sand dry with P400 or wet with P600.
- For 2-layer topcoats, is recommended to dry sand with P500/600 or wet sand with P800/1000.
- Thoroughly remove sanding residue using silicone remover. Use clean, lint-free wiping cloths.
- It is recommended that the sanded surfaces and/or joints, grooves etc. are thoroughly blown off with oil/moister-free compressed air.
- Then clean the surface to be painted with silicone remover using a new, clean cloth.
- Once the cleaners have dried completely without leaving streaks, apply the topcoat.

### Related Chamäleon products:

Thinner	322 UNI Thinner/323 UNI Thinner slow
Elastifier	360 Elastifier
Anti silicone additive	361 Anti silicone additive



CHAMÄLEON GMBH / RUDOLF-DIESEL-STRASSE 8A / 69115 HEIDELBERG / GERMANY

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## IMPORTANT NOTES:

Do not overcoat with polyester-based products.

## VOC regulation:

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

This product contains max. 544 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](mailto:info@chamaeleon-produktion.de)

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