

TECHNICAL DATA SHEET*Revision date: 14.04.2022***2K EPOXY PRIMER**

Article number: 14554

Colour: light grey

Intended use: Car refinishing product/ Filler/ Extender

General characteristics: 2K Epoxy Primer is a chromate free filler based on epoxide resin for efficient paintings of commercial vehicles and car repair. Excellent flow, fast drying and outstanding spray dust take-up allow a rapid re-coatability by concomitant optimal gloss retention. Eminently suitable as a primer for polyester putties and high build polyester spray filler.

Physical and chemical characteristics: Excellent flow and spray dust take-up, fast drying, may already be recoated after only approx. 45 minutes, high gloss retention by wet-on-wet processing.
Suitable substrates:

- iron and steel ▪ sanded galvanized sheet
- aluminium ▪ dried and sanded old paintings

Binder basis: a combination of epoxide-polyamide resin

Specification: grade of gloss: satin mat DIN 67 530
specific weight: 1,3 - 1,4 g/cm³ DIN 51 757
viscosity: thixotropic

Substrate preparation:
clean, dry, free of dust, rust, oil and grease. Sand and clean with Chamäleon Silicone remover.

Painting preparation process:

Hardener: Hardener 255 for 455 Epoxy primer
Mixing ratio: 2:1 (by volume)
Dilution: Chamäleon Thinner, addition 10 - 25 %
Spraying viscosity 4 mm DIN (20°C): 16 - 28 s
Pot life at 20 °C: 5 h
Top Coat: 1K and 2K paints

Application process:

Application method	Pressure	Nozzle
Gravity spray gun	2 bar	1.2 – 1.6 mm

Spraying operations	DFT	Consumption
1-2	25 - 50 µm	9 - 10 m ² / l (by 35 µm DFT)

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

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 dry	recoatable	sandable
Object temperature 20 °C	10 – 15 min.	30 - 45 min.	6 - 8 h.

Recoatable with putties: after 30 min. at 60 °C or 1 - 2 hours at room temperature. Do not apply more than 25 µm film thickness (1 thin layer) when putties will be used for recoating.

Special remarks: after 48 hours the primer must be sanded.

After use:

Tools should be cleaned immediately after use or with Nitro-thinner (cellulosic thinner). Clean immediately the spraying mist with Nitro-thinner. Remove dried films with a paint remover.

VOC content:

EU limiting value for the product (cat. B/c): 540 g/l

This product contains max. 540 g/l VOC [4.50 lbs/gal]

Storage:

at least 3 years 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.