



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

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

FON 0049 (0) 6221 - 520 440  
FAX 0049 (0) 6221 - 520 449  
MAIL [INFO@CHAMAELEON-PRODUKTION.DE](mailto:INFO@CHAMAELEON-PRODUKTION.DE)  
WEB [WWW.CHAMAELEON-PRODUKTION.DE](http://WWW.CHAMAELEON-PRODUKTION.DE)

## **TECHNICAL DATA SHEET**

### **2K EPOXY PRIMER**

**Article number:** **14554**

**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.

**Product 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, adhesion to steel, aluminium and galvanized sheet.

### **Physical and chemical characteristics:**

**Binder basis :** A combination of epoxide-polyamide resin  
**Colours/Gloss :** light grey  
**Specification :** Grade of Gloss: satin mat DIN 67 530  
Specific Weight: 1,3 - 1,4 g/cm<sup>3</sup> DIN 51 757  
Viscosity: thixotropic  
**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]

### **Application:**

**Processing conditions :** From + 10 °C and up to 80 % relative air humidity.  
**Suitable substrates :** Iron and steel, aluminium, sanded galvanized sheet, dried and sanded old paintings.  
**Substrate preparation :** Clean, dry, free of dust, rust, oil and grease. Sand and clean with Silikonentferner.  
**Mixing ratio :** 2 parts by volume 2K Epoxy Primer  
1 part by volume Hardener  
**Application process** 2K Epoxy Primer can be applied by spraying  
**Spraying (Air):**  
Viscosity : 16 - 28 s 4mm DIN

Nozzle : 1.2 - 1.6 mm

Pressure : 2 bar

Operations : 1 – 2

**Thinner :**

Thinner (addition 10 - 25 %)

**Drying times :****Dust dry:** after approx. 10 - 15 min.**Overpaint:** after approx. 30 - 45 min. depending on the paint thickness**Sandable:** after appr. 6 – 8 h at 20°C**Recoatable with putties :** Recoatable with putties after 30 min. at 60 °C or 12 hours at room temperature. Do not apply more than 25 µm film thickness (1 thin layer) when putties will be used for recoating.**Pot life :**

5 h

**Groundcoat :**

2K Epoxy Primer 25 - 50 µm dry film thickness

**Top Coat :**

1K and 2K paints

**Consumption :**9 - 10 m<sup>2</sup> / l (by 35 µm dry film thickness)**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.

**Safety instructions:**

- Keep out of the reach of children.
- Store in well ventilated place.
- Keep away from food, drink and animal feeding stuffs.
- Avoid contact with eyes and skin.
- Wear suitable protective gloves and use safety eyewear and face protection.
- If swallowed, seek medical advice immediately and show this container or label.

**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](mailto:info@chamaeleon-produktion.de)

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