



Chamäleon GmbH  
Rudolf-Diesel-Straße, 8a  
69115 Heidelberg-Germany  
Tel.: +49-(0)-6221 520440  
Fax: +49-(0)-6221 520449  
E-mail: info@chamaeleon/produktion.de  
http://www.chamaeleon/produktion.de

## TECHNICAL DATA SHEET

### 1K SILBER RAL 9006

- Article number:** 50020
- Intended use:** Car refinishing Product/ Paint
- General characteristics:** Fast drying, 1K-acrylic paint designed for spot repairs or complete respray of machinery and vehicles. Ideal for filling in PRE FILLED aerosol cans.
- Product characteristics:**
- speedy initial dry
  - electrostatically applicable
  - high UV- and weathering resistance
  - temperature stability:  
permanent exposure: 70 °C ;  
short time exposure: 130 °C
  - adhesion test (DIN 53 151):  
steel: Gt 0 - 1 (good);  
PVC: Gt 0 (very good)
- Physical and chemical characteristics:**
- Binder base:** Acryl-Copolymer  
**Solid content:** 45 - 50 by weight -%  
**Delivery viscosity (DIN 53 211):** 125 - 135 s 4 mm  
**Spec. weight (DIN 51 757):** 1,0 - 1,2 kg/l  
**Gloss (DIN 67 530):** 10 - 20%/ 60° (dull)
- Technical characteristics:**
- Dilution:** Thinner  
**Theoret. Consumption:** 11 - 12 m<sup>2</sup>/kg (by 20 µm dry coat thickness)
- Application:**
- Processing Conditions:** From + 10 °C and up to 80 % relative air humidity.  
**Substrate Preparation:** **blank metal:** clean, sand and degrease with silicon cleaner  
**old 1K-paintings:** ensure the existing paintings are completely removed (abrade thoroughly, apply a paint removal agent)  
**old 2K-paintings:** abrade and degrease with Plastic cleaner



Chamäleon GmbH  
Rudolf-Diesel-Straße, 8a  
69115 Heidelberg-Germany  
Tel.: +49-(0)-6221 520440  
Fax: +49-(0)-6221 520449  
E-mail: [info@chamaeleon/produktion.de](mailto:info@chamaeleon/produktion.de)  
<http://www.chamaeleon/produktion.de>

Application Process:	Pressure [bar]	Nozzle [mm]	Spraying Operations	Thinner
Air / Flow jar	4 - 5	1,3 - 1,5	2 - 4	25 - 30 %
HVLP	2,5 - 3	1,3 - 1,4	2 - 4	25 - 30 %

### Drying:

Dry	dust dry	set to touch	handle	recoatable
Object temp. 20 °C	10 - 15	20 - 25 min	1 - 2 h	15 min.
Object temp. 60 °C			30 min.	
Full cure after 2 days (20 °C)				

### After use:

Tools should be cleaned immediately after use with Nitroverdünnung.

### Special remarks:

To be used only by professionals. Some colours may contain lead therefore do not use for children's toys or in food contact applications. Special UV-resistant pigmentation are available through our enquiry service. By environment temperatures exceeding 25 °C , 70 % thinner has to be added, to avoid filiform defects.

Please check for colour accuracy prior to use.

### Storage:

In tightly closed original containers at least 3 years shelf life

*For the additional information that is not included to the Technical Data Sheet apply to the supplier: e-mail: [info@chamaeleon-produktion.de](mailto:info@chamaeleon-produktion.de)  
See information on safety in Safety Data Sheet.*