

TECHNICAL DATA SHEET

Revision date: 28.03.2019

2K HS CLEAR COAT LOW VOC

Article number: 11665, 11668

Intended use: Car refinishing product/ Clear coating material,
Varnish

General characteristics: 2K HS Clear coat LOW VOC is a VOC-compliant High-Solid acrylic clearcoat for complete or partial paintwork of cars and commercial vehicles and provides an especially brilliant finish and optimal flow on solvent-based or water-based basecoats. 2K HS Clear coat LOW VOC guarantees an optimal curing especially in case of oven drying but also at room temperature. It can be polished immediately after forced drying and is highly resistant to all kind of weathering as well as to mechanical stress and chemical agents. Also suitable as protective coating for neon colours (fluorescent colours). Easy and safe application under all climatic conditions.

Color: colourless

Hardener: HS Hardener Premium

Mixing ratio: Paint + HS Hardener Premium 2:1 by volume

Dilution: 2K-Thinner, addition 0 - 5 %

Spraying viscosity 4 mm DIN

Gavity spray gun 19 - 22 s

Application method

Application method	Pressure	Nozzle
Gravity spray gun	2 - 2,5 bar	1,2 - 1,3 mm
HVLP	2 - 2,2 bar	1,2 - 1,3 mm
	0,7 bar internal nozzle pressure	

Processing conditions

Ensure an adequate supply and exhaust air ventilation. Working temperature must be at least +10 °C. Max. air humidity 80 %.

Spraying operations	DFT	Consumption
1,5	50 - 60 µm	10 - 12 m ² /l

Flash-off time

Between the coatings	Before the oven drying
1 - 3 minutes	10 - 15 minutes

Drying

Object temperature 20 °C

Dust free 25 - 35 minutes
Set to touch 12 hours
Ready for assembly 24 hours

Object temperature 60 °C

Set to touch 30 minutes
Ready for assembly 2 hours

IR-Drying

shortwave 8 minutes
mediumwave 10 - 15 minutes

Pot life at 20 °C

2,5 hour with HS Hardener Premium

VOC regulation

EU limit value: Category B/d 420 g/l
This product contains max. 420 g/l.

Processing tips

Optimum application: apply a light continuous spray coat followed by 1 full spray coat. In order to assure a perfect curing we recommend forced drying.

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.