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

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TECHNICAL DATA SHEET

Revision date: 30.01.2024

MS 2K CLEAR COAT SCRATCH PROOF

Article number: 11335, 11338

Colour: transparent

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

Substrates: Basecoat

General characteristics: MS 2K Clear coat based on high quality resins with good UV protection properties. Scratch-proof. Easy application and polishing properties.

PAINTING PREPARATION PROCESS

Hardener: Chamäleon Hardeners: 250 UNI; 235 UNI fast, 221 UNI slow, 222 HS
Dilution: up to 10%
Mixing ratio (by volume): 2:1
Spraying viscosity 4 mm DIN (20 °C): 15 - 17 s
Pot life at 20 °C: 1h with UNI Hardener fast 235; 4 h with UNI Hardener 250; 6 h with UNI Hardener slow 221

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	2.0 - 2.5 bar	1.2 - 1.4 mm
HVLP	2.0 - 2.2 bar	1.2 - 1.4 mm

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Spraying operations	DFT	Consumption
2	40 - 50 µm	6 - 8 m² / l

Flash-off time	Between the coatings	Before the oven drying
	5 - 10 min	10 - 15 min

Drying	Dust free	Set to touch	Full hardness
Object temperature 20 °C	30 min	12 h	24 h
Object temperature 60 °C	3 - 5 min	30 min	2 h
IR-Drying shortwave*	8 min		
IR-Drying mediumwave*	10 - 15 min		

*During IR-drying the object temperature should not exceed 60 - 70 °C

Polishing:

After full hardness time, recommended Chamäleon polishing compounds LASER

VOC regulation:

EU limit value: Category B/e 840 g/l
This product contains max. 577 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
For safety information, please refer to the corresponding Safety Data Sheet.