

TECHNICAL DATA SHEET

Revision date: 12.02.2025

2K CLEAR COAT MATT

Article number:	11225
Colour:	transparent
Intended use:	Car refinishing product/ Clear coating material, varnish
Substrates:	Base coat
General characteristics:	<p>2K matt clear coat with a gloss degree of 15 - 20% by an angle of 60°, based on a high-quality resin. Recommended as overcoat for dull metallic and effect paintings.</p> <ul style="list-style-type: none"> excellent UV resistance gives evenly dull surfaces

PAINTING PREPARATION PROCESS

Hardener: Chamäleon Hardeners: 250 UNI; 235 UNI fast; 221 UNI slow; 222 HS

Dilution: Chamäleon UNI Thinner, addition 10 %

Mixing ratio: 2:1

Mixing ratio (by weight):

Do not zero the scale when mixing

Clear coat, g	Hardener, g	Thinner, g	Total weight, g	Mixture quantity, ml
68	33	13	114	100
136	65	26	228	200
204	98	40	341	300
272	130	53	455	400
340	163	66	569	500
408	195	79	683	600
476	228	93	796	700
544	260	106	910	800
612	293	119	1024	900
680	325	132	1138	1000

- **Spraying viscosity 4 mm DIN (20°C): 18 - 20 s**
Pot life at 20 °C:
1 h 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 75%.

Application method	Pressure	Nozzle
Gravity spray gun	2.0 - 2.5 bar	1.2 - 1.3 mm
HVLP	2.0 - 2.2 bar	1.2 - 1.3 mm

Spraying operations	DFT	Consumption
2	40 - 50 µm	7.0 - 8.0 m ² /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	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

Processing tips:

ATTENTION: Matting paste has a tendency to settle. The product must be stirred thoroughly before use. Shake/stir mechanically for approx. 2 - 5 min.

IMPORTANT: best results are obtained according to the precision of the application. It's recommended to keep 5 - 10 minutes flash off time and then apply the thin, even, last coat.

VOC regulation:

EU limit value: Category B/e 840 g/l

This product contains max. 503 g/l VOC

Shelf life:

36 months, if stored in tightly closed original containers



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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.

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