

TECHNICAL DATA SHEET

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2K PRIMER 4:1

Article number: 14441, 14442, 14443, 14444, 14445, 14446

Colour: black, white, grey

Intended use: Car refinishing product/ Filler

General characteristics: 2K Primer 4:1 is an easy to sand primer-surfacer with superior filling power, very good corrosion protection and excellent adhesion to various materials. Developed for car refinishing, it is suitable to fill/prime partial areas (spot repair) without sagging or the formation of edges. Mixing white, black and grey primer allows to produce any shade of grey.

PAINTING PREPARATION PROCESS

Hardener: Chamäleon 288 Hardener for 488/444/467 primer

Mixing ratio (by volume): 4:1

Mixing ratio (by weight):

Primer, g	Hardener, g	Thinner, g	Mixture quantity, ml
148	24	13	100
297	49	26	200
445	73	40	300
593	97	53	400
742	122	66	500
890	146	79	600
1038	170	93	700
1186	195	106	800
1335	219	119	900
1483	244	132	1000

Dilution: Chamäleon UNI Thinner 322/323 10 -15%

Spraying viscosity 4 mm DIN (20°C): 30 - 55 s

Pot life at 20 °C: 2 h

Substrate pre-treatment:

The substrate must be clean, dry, free from rust and grease. Remove old coatings or primers that have not cured or are not sound.

Old paint coating	Degrease, dry sand with P220-280, blow off, degrease again
Polyester putties	Dry sand, use P240-320 for final sanding, blow off, degrease
Epoxy primer	Dry sand, use P240-320 for final sanding, blow off, degrease
Wash primer	Apply after drying
Plastics	Degrease, mat with an abrasive finishing pad, degrease again. Apply Plastic primer for better adhesion.
Steel	Dry sand, use P240-320 for final sanding, blow off, degrease. Apply Wash primer for better adhesion. Small iron and steel surfaces which are not larger than a hand, can be recoated directly

ATTENTION: Do not apply on thermoplastic substrates

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	1.6 - 2.0 bar	1.3 - 2.0 mm
HVLP	1.6 - 2.0 bar	1.3 - 2.0 mm

Spraying operations	DFT	Consumption
1 - 3	60 - 180 µm	5 - 6 m ² /l

Flash-off time	Between the coatings	Before the oven drying
	5 - 8 min	10 - 15 min

Drying	Sandable
Object temperature 20 °C	3 - 5 h
Object temperature 60 °C	30 - 40 min
IR-Drying shortwave*	8 min
IR-Drying mediumwave*	10 - 15 min

*The temperature of the object should not be more than 60 - 70 °C.

Sanding:

Sand (with sandpaper P400 for dry- or P600 for wet sanding for one-coat finishes, for two-coat finishes use P500/600 for dry- and P800/1000 for wet sanding)

Related Chamäleon products:

Hardener	288 Hardener for 488/444/467 primer
Thinner	322 UNI Thinner/323 UNI Thinner slow
Elastifier	360 Elastifier
Anti silicone additive	361 Anti silicone additive

Mixing ratios by volume of product

	SV1	SV2	SV3	SV4	SV5	SV6
444 WHITE	100	50		75		
444 GREY		50	100		50	
444 BLACK				25	50	100

VOC regulation:

EU limit value: Category B/c 540 g/l

This product contains max. 540 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.