

TECHNICAL DATA SHEET

Revision date: 20.03.2024

2K WASH/ETCH PRIMER

Article number:	14045
Colour:	yellow-green
Intended use:	Car refinishing product/ Primer
General characteristics:	An acid-curing, chromate-free 2K primer, designed especially for aluminum substrates. Provides also active corrosion protection and excellent adhesion to iron, steel and galvanized substrates. Can be overcoated with all 1K and 2K systems (except epoxy coating systems and water-based basecoats).

PAINTING PREPARATION PROCESS

Hardener: Chamäleon 204 Hardener for 404 Wash primer

Mixing ratio (by volume): 2:1; 1:1 for large surfaces

Mixing ratio (by weight):

Primer, g	Hardener, g	Total weight, g	Mixture quantity, ml
66	30	95	100
132	59	191	200
197	89	286	300
263	119	382	400
329	148	477	500
395	178	573	600
461	208	668	700
526	237	764	800
592	267	859	900
658	297	955	1000

Dilution: without thinner

Spraying viscosity 4 mm DIN (20°C): 16 - 18 s

Pot life at 20 °C: 12 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.

Galvanized steel	Degrease, mat with a fine abrasive finishing pad, degrease again
Aluminum	Degrease, dry sand P240-320 or mat with an abrasive finishing pad, degrease again
Steel	Degrease, dry sand with P240-320, blow off, degrease again
Zinc	Pre-treat the surface with the ammoniac wetting agent

ATTENTION:

The adhesion to stainless steel substrates must be tested first.

Do not apply directly on alkaline materials such as epoxy-based materials or water-based basecoats.

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 - 1.5 mm
HVLP	1.6 - 2.0 bar	1.2 - 1.5 mm

Spraying operations	DFT	Consumption
1 - 1.5	10 - 15 µm	8 - 10 m ² /l

Flash-off time	Between the coatings	Before the oven drying
	Not recommended	-

Drying	Dust free	Set to touch	Re-coatable
Object temperature 20 °C	4 - 6 min	20 - 25 min	30 min
IR-Drying shortwave*			8 min
IR-Drying mediumwave*			10 - 15 min

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

Sanding: no sanding is required

Related Chamäleon products:

Hardener	204 Hardener for 404 Wash primer
Anti silicone additive	361 Anti silicone additive

IMPORTANT NOTES

Wash primer must be recoated with a finishing coat within 8 hours.
Parts which have been primed with Wash primer should be protected against humidity.
Not to be refinished with polyester.
Do not keep leftover product in the iron containers.

VOC regulation:

EU limit value: Category B/c 780 g/l
This product contains max. 710 g/l

Shelf life:

24 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.