

TECHNICAL DATA SHEET

Revision date: 30.03.2024

2K WET ON WET PRIMER

Article number: 14671

Colour: light grey

Intended use: Car refinishing product/ Filler

General characteristics:

This 2K polyurethane wet on wet filler-primer provides excellent universal adhesion. Can be directly applied on steel, iron, aluminum and galvanized substrates as well as on commonly used plastics in the automotive industry. Furthermore, it is possible to overcoat intact, sound e-coatings without any pre-sanding. This primer can be overcoated after a drying time of only 15 min. at 20°C without loss of gloss and ensures outstanding overspray absorption at the same time. Wet on wet primer can be overcoated without intermediate sanding within 5 days. Especially designed for car refinishing. Suitable for commercial vehicles in the industrial sector (van bodies, platform gates, cabs, machines, etc).

PAINTING PREPARATION PROCESS

Hardener: Chamäleon 288 Hardener for 488/444/467 primer
Dilution: Chamäleon UNI Thinner 322/323 addition: 25 - 30% (EU VOC)/ 25 - 50 % (non EU)
Mixing ratio (by volume): 5:1
Mixing ratio (by weight):

Primer, g	Hardener, g	Thinner, g	
		EU, 30%	Non EU, 50%
148	19	26	44
295	39	53	88
443	58	79	132
591	78	106	177
739	97	132	221

886	117	159	265
1034	136	185	309
1182	156	212	353
1329	175	238	397
1477	195	265	442

Spraying viscosity 4 mm DIN (20 °C): 16 - 18 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	In case of one-layer topcoat use P400 for dry sanding or P600 for wet sanding. In case of a two-layer topcoat use P500/600 for dry sanding and P800/1000 for wet sanding.
Polyester putties	Dry sand, use P320-400 for final sanding, blow off, degrease
Epoxy primer	Dry sand, use P320-400 for final sanding, blow off, degrease
Cataphoretic coating	Dry sand, use P320-400 for final sanding, blow off, degrease
Plastics (PP-EPDM, ABS, PC, ABS-PC, PUR, PVC, GRP)	Before application, heat the to be painted object for 60 min at 60°C. Degrease the surface thoroughly. Sand with scotch brite super fine using silicone remover. Clean again with silicone remover. Due to various different kinds of plastics and mixtures available on the market, we recommend testing beforehand on plastic similar to the original plastic substrate.
Steel	Dry sand, use P320-400 for final sanding, blow off, degrease
Aluminium	Dry sand, use P320-400 for final sanding, blow off, degrease
Zincd substrates (batch galvanising / discontinuous hot-dip galvanizing)	Pre-treat the surface with the ammoniac wetting agent
Zincd substrates (strip galvanising / continuous hot-dip galvanising) and electrogalvanising	Defreeze, dry sand with P220, blow off, degrease again

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	1.3 - 1.5 mm

Spraying operations	DFT	Consumption
1	20 - 30 µm	14.5 - 15 m ² /l

Drying	Re-coatable
Object temperature 20 °C	15 - 20 min

Processing tips

In general, apply only 1 uniform, flowing coat to ensure the best possible flow. If there are strongly absorbent areas in the surface to be painted (e.g. body filler spots), prime these areas beforehand by applying just a spray coat. After a short flash-off time of approx. 2 - 3 min at 20°C, apply the final coat on the whole surface.

Related Chamäleon products:

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

VOC regulation

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

This product contains max. 540 g/l.

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.