



1K UV PRIMER

GENERAL

CODE	DESCRIPTION
UVPF10	1K UV primer 1L



DESCRIPTION

UV PRIMER is suitable for medium and small repairs, allowing drying times close to 1 minute with the use of UV drying lamps, significantly reducing overall repair times.

FEATURES

- UV-dried 1-component primer for fast and economical repairs
- Due to the extremely short drying time, this UV primer filler offers a huge advantage compared to conventional 2-component systems
- Perfectly matched with the Gerko UV lamp
- Builds up a high layer thickness
- Easy to sand
- Increases efficiency by up to 55%
- Perfect use for small and medium-sized repairs
- Cost reduction



PHYSICAL CHARACTERISTICS

Product	1K UV primer
Colour	Grey
Specific weight	1,4 Kg/l at 20°C
VOC	200 g/l Mixing application
Yield	9-13 m ² /l Per coat





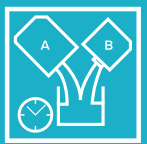
1K UV PRIMER

SUBSTRATE AND SURFACE PREPARATION

PROCESS	OEM Paint	Cata-phoresis	Polyester putty	Aluminium	Steel	Zinc-plated steel	Galvanised steel	Plastic
 P240 - P320	✓	✓	✓	✓	✓	✓	✓	✓
 Degreaser	✓	✓	✓	✓	✓	✓	✓	✓

* In applications on plastics, once the surface has been prepared and before using the primer, it is necessary to use the adhesion promoter.






MIXING RATIO

		By volume	By weight
		Ready to use. DO NOT add solvent	
		By volume	By weight
	F/4 at 20°C	25 s	
		By volume	By weight
	20°C	5 days with daily use and no exposure to light	




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APPLICATION METHOD

SURFACE		Bare metal, Previous / Original Paint Finish	Plastic
	Hybrid	1.2 - 1.4 mm	1.2 mm
		1.5 - 2.0 bar	1.5 - 2.0 bar
TOTAL DRY MAXIMUM THICKNESS		120 µm	80 µm
	Coats	2 coats	2 thin coats
	20°C	2 min between coats	2 min between coats
	Drying between coats	NO	YES*
	20°C	5 min before final drying	2 min before second drying

* See drying table for exposure time to UV light.

DRYING TIMES / UV LED 395NM 20°C

	Irradiance	Static curing
	12 - 55 mW/cm ²	2 min
	56 - 200 mW/cm ²	1 min
	>200 mW/cm ²	30 sec



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	Curing in motion		Static curing	
Lamp-surface distance	10 cm	10 cm	56 cm	
Irradiance	340 mW/cm ²	340 mW/cm ²	14 mW/cm ²	
Curing Diameter ø	18 cm	18 cm	68 cm	
Drying time	1 min	30 sec	2 min	

The drying time increases when thicknesses are higher than those recommended above, the use of less powerful lamps and large surfaces where the lamp must be moved to a greater distance.

In case of thicknesses higher than those recommended, start drying by placing the lamp at a greater distance and bringing it progressively close (swap round).

To ensure curing of the edges and blurs of the patch/piece, remove the masking paper during lamp drying.

Using lower intensity lamps in the dominant wavelength range (395nm) can increase drying time.

For curing in motion it is important that the repair is no greater than 50x50 cm surface area, in the case of higher dimensions, increase the curing time.

SANDING



INITIAL	FINAL
P320 – P400	P500 – P600

EQUIPMENT CLEANING

Clean the gun and its components with cleaning solvent once the application is finished.

SAFETY



Refer to the product label. For more information check the Safety Data Sheet. Compliant with the National Statutory Regulation for Health and Safety at Work and Waste Disposal.

Use protective glasses with 100% UV filter when handling the lamp on and avoid contact of UV light with the skin.

STORAGE

The product hardens in contact with daylight, as a consequence it is necessary to keep the product container open for the shortest possible time. Store the product in a ventilated place far from direct exposure to sunlight. Keep between +5°C and +30°C.