



## 2K HS EXPRESS PRIMER

### GENERAL

CODE	DESCRIPTION
PXW10	2K HS Express primer white 1L
PXW35	2K HS Express primer white 3,5L
PXG10	2K HS Express primer grey 1L
PXG35	2K HS Express primer grey 3,5L
PXB10	2K HS Express primer black 1L
PXB35	2K HS Express primer black 3,5L
HPX025	2K HS Express hardener 0,25L
HPX085	2K HS Express hardener 0,85L



White



Grey



Black

### DESCRIPTION

The Gerko 4:1 Express Primer is an innovative, highly filling acrylic primer characterized by exceptional properties. Its most significant feature is its extremely fast drying time, which significantly shortens work time and accelerates the entire surface preparation process. The advanced formula of the express primer guarantees very good adhesion to a variety of substrates, making its application easier under different conditions and on various types of surfaces. This product also demonstrates high effectiveness in masking minor scratches and defects, creating a uniform and smooth coating that is easy to further process after drying. The primer is available in three basic colors, which can be mixed together to achieve the desired shades of gray. Its versatility and quick drying time make Gerko express primer an ideal choice for professionals who value efficiency and quality in surface preparation.

### SUBSTRATES

Old paint coating	Degrease and sand dry with P220 – P360 abrasive
Polyester putties	Sand dry with P240 – P320 abrasive
Epoxy primers	Sand dry with P320 abrasive
Steel	Degrease and sand dry with P120 abrasive
Original parts coated by electrophoretic deposition	Degrease without the need for sanding
Reactive primers (wash primers)	Apply after the primer has dried
Polyester laminates	Degrease and sand dry with P280 abrasive



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### MIXING RATIO



	Filling version		Wet on wet version	
	By volume	By weight	By volume	By weight
Express primer	4	100g	4	100g
Hardener	1	16g	1	16g
Thinner	1,1	10g	1,9	22g

### VISCOSITY



	Filling version	Wet on wet version
DIN 4 (20°C)	26 - 30 s	16 - 19 s

### APPLICATION METHOD



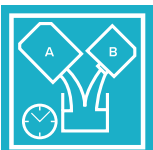
	Filling version			Wet on wet version		
	Nozzle	Pressure	Distance	Nozzle	Pressure	Distance
Conventional spray gun	1,6 – 1,8 mm	Consider the equipment manufacturer's recommendations		1,3 – 1,4 mm	Consider the equipment manufacturer's recommendations	



	Filling version	Wet on wet version
Number of layers	1 - 3	1 - 2
Thickness of one dry layer	60 – 70 µm	30 – 40 µm
Yield of the ready-to-use mixture	3.2 m <sup>2</sup> /l at a thickness of 150 µm of the dry coating	12 m <sup>2</sup> /l at a thickness of 30 µm of the dry coating



Interlayer evaporation	5 min	5 min
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Pot life at 20°C	30 min	40 min
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### DRYING TIMES



Filling version		Wet on wet version
Temperature 20°C	Temperature 60°C	Temperature 20°C
1,5 h	5 min	Possible to repaint after 15 – 20 minutes from the application of the last layer

Curing times refer to the temperatures of individual elements. Curing times may vary depending on the solvent used and the thickness of the applied layers.

### SANDING



Dry sanding	Wet sanding
P400 – P600	P600 – P1000

### INFRARED RADIATOR DRYING



Time depends on the power and type of lamp	5 – 15 min
Distance	Follow the manufacturer's equipment recommendations

Start infrared heating no earlier than 15 minutes after application of the last layer.

### VOLATILE ORGANIC COMPOUNDS (VOC)



VOC II/B/b limit (*)	540 g/l
VOC in the mixture for the filling version	470 g/l
VOC in the mixture for the wet-on-wet version	515 g/l

\* For the ready-to-use mixture according to the Directive UE 2004/42/CE

### SAFETY



It is recommended to use personal protective equipment such as a respirator mask, protective gloves, or a painting suit during application to protect against eye irritation, skin irritation, or respiratory tract irritation. For more information, refer to the product safety data sheet.

### ADDITIONAL INFORMATION

Practical material consumption depends on several factors, such as the object's geometry, surface formation, application method, spray gun settings, inlet pressure, etc. The material must be stored at room temperature (18-25°C) before use. Additional time should be allowed for heating the element to temperature. Unused ready-to-use material should not be poured back into the original can. Close the hardener can tightly immediately after use, as the product will react with moist air and water and lose its hardening properties. **Remarks:** The primer should be applied at a temperature higher than 5°C