

ACRYLIC CLEARCOAT EXPRESS 2K 2:1

Product intended for professional use.

PRODUCT RANGE:

43 313	Acrylic clearcoat EXPRESS 2K 2 : 1; 500 mL
43 216	Hardener EXPRESS 1 : 2; 250 mL
43 314	Acrylic clearcoat EXPRESS 2K 2 : 1; 1 L
43 317	Hardener EXPRESS 1 : 2; 500 mL
43 315	Acrylic clearcoat EXPRESS 2K 2 : 1; 5 L
43 246	Hardener EXPRESS 1 : 2; 2.5 L
43 146	Thinner for acrylic products 500 mL
43 352	Thinner for acrylic products 1 L
43 230	Thinner for acrylic products 5 L

CHARACTERISTICS:

Acrylic clearcoat intended for fast paintwork repairs. It can be used successfully in the traditional work on whole body elements as well as in SMART repairs. With a wide range of application temperature from 8°C to 28°C, it is an all-purpose product that can be used in various conditions. It is characterized by very good drying parameters, excellent gloss and high hardness whilst maintaining adequate flexibility. Easy to apply and polish. It can be applied over the basecoat 15 - 20 minutes after evaporation of the thinner. Resistant to UV rays and changing weather conditions, which ensures excellent appearance of the painted shell. Available with Hardener EXPRESS 1:2.

PHYSICAL AND CHEMICAL PROPERTIES:

Colourless liquid with an aromatic, sweet smell.

Maximum volatile organic compounds content in ready-to-use product: < 840 g/L.

APPLICATIONS

SUBSTRATE:

- solvent-borne basecoats,
- water-borne basecoats,
- cured varnish coatings,
- plastics,
- wood.



PRODUCT PREPARATION:

INGREDIENTS:		Mixing proportions by volume.
	Clearcoat EXPRESS Hardener EXPRESS 1:2 POLFILL Thinner for acrylic products	2 1 0 – 5%.
Mix the clearcoat with hardener thoroughly, then add the appropriate amount of POLFILL Thinner for acrylic products and mix until a homogeneous consistency. DO NOT EXCEED THE RECOMMENDED AMOUNTS OF HARDENER. DO NOT ADD AN ACCELERATOR FOR ACRYLIC PRODUCTS.		

SPRAY VISCOSITY:

AMOUNT OF THINNER ADDED	SPRAY VISCOSITY ACHIEVED
0%	15 - 16 s, Ø 4/20°C
5%	14 - 15 s, Ø 4/20°C

APPLICATION:

	Apply with a spray gun equipped with a 0.8 - 1.3 mm diameter nozzle at the pressure recommended by the equipment manufacturer. Number of layers 1.5 - 2
	Mixture pot life: up to 20 minutes at 20°C.
	Evaporation time between layers: 2 - 3 minutes at 20°C.


APPLICATION CONDITIONS:

Minimum working temperature	8°C
Maximum working temperature	28°C
Maximum relative humidity	75%

NOTE:

Fast-drying product. When spray-painting, strictly follow the technical recommendations of the equipment manufacturer. Incorrect application parameters (pressure, distance) or too intensive a drying process can lead to coat paint defects, such as sinkage (loss of gloss). In ambient temperatures above 25°C, the use of the clearcoat should be limited to spot repairs only. It is not recommended to use the clearcoat at temperatures above 28°C.

DRYING TIME:

	Dust dry:	15 minutes at 20°C
	Polishable:	2 - 4 hours at 20°C <ul style="list-style-type: none"> • paint booth: After application, wait 10 minutes, then heat for 12 minutes at 40°C. After cooling to ambient temperature, leave for 20-30 minutes. • IR heater: After application, wait 10 minutes. Then: Flash-off - 3 minutes Full bake - 4 minutes Cool down to ambient temperature, and then repeat the full bake step. <p>DURING THE FORCED DRYING PROCESS, THE TEMPERATURE OF THE COATED ELEMENT SHOULD NOT EXCEED 40°C.</p>
	Full cure:	3 days
<p>DRYING TIMES ARE GIVEN FOR A 50 µm WET LAYER TEMPERATURES BELOW 20°C EXTEND THE CURING TIME.</p>		

HARDENER USED:

Use only **POLFILL** Hardener EXPRESS 1:2.

CLEANING THE EQUIPMENT:

Clean the equipment immediately after work.

POLFILL Thinner for acrylic products.
POLFILL NITRO solvent.

STORAGE:

Store in original, tightly closed containers, in a dry, cool place, away from sources of heat and ignition, at a temperature 5 to 25°C. Do not expose to direct sunlight.

WARRANTY PERIOD:

The warranty period is given on the product label.

HEALTH & SAFETY RECOMMENDATIONS:

Product safety data sheet and applicable health and safety regulations for working with chemical agents.

The information contained in this sheet has been developed based on our knowledge and practice. However, no individual product properties can be guaranteed under different conditions of use beyond our control. Therefore, we cannot accept full responsibility for the results obtained in specific conditions of use. It is necessary to test the application of the product on a small area, due to the potential differences in the product performance depending on the substrate on which it is applied. We guarantee proper quality when used in accordance with the instructions contained in this Technical Data Sheet.