



TECHNICAL DATA SHEET

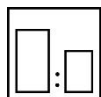
2K Acrylic varnish - Polaron a-Acryl/C2 Clear Coat

Field of application	For application as a clear top coat over base coats. Suitable for passenger cars, commercial vehicles.
Chemical bases	Mixture of high-resistance hydroxyl acrylate resins.
General qualities	a-Acryl/C2 Acrylic Clear Coat is an acrylic varnish that is applied to base paints. The acrylic varnish - a-Acryl is high-gloss, weather-resistant and has high fuel resistance. It is applied as a transparent layer. It is characterized by quick drying and easy application. It can dry both at normal air temperature of +20 °C and at higher temperatures with accelerated drying by using methods to shorten the drying time such as: ovens, hot air, etc.
Auxiliary materials	It can be mixed with hardeners e-Hardener or a-Hardener Polaron T Thinners T 8-18 / 18-25 or 25-35 .
Mixing ratio (volume)	2:1 (2: a-Acryl/C2 Clear Coat, 1: Hardeners e-Hardener or a-Hardener)
Gloss	High gloss
Economy	Approx. 9 m ² /L/50 µm
Substrates	Basecoats
Cleaning the equipment:	Thinners: Polaron T 8-18, 18-25 or 25-35
Color	Clear
Storage life	Under normal storage conditions and unopened tins up to 2 years.

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APPLICATION DATA



Mixing ratio

2:1 2: 2K Acrylic varnish a-Acryl/C2 Clear Coat
1: Hardners e-Hardener or a-Hardener



Application viscosity

17-18 sec. (DIN CUP 4 mm/ 20 °C)



Gravity feed

Spray nozzle (mm) Pressure (bar)

1.3-1.6

3.5-4.5

Suction feed

1.3-1.8

3.5-4.5



Pressure Tank

1.1-1.3

3.5-4.5

HVLP/LVLP

1.3-1.5

see info manufacturer

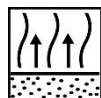


Spray coats/

2

Coat thickness

45-50 µm



Flash-off time

10-15 min. at 20 °C

Hint

If there are too many coats or not enough time is waited between applications, there may be matting



Drying

20 °C approx. 6-8 hours

60 °C approx. 30 min



Pot life

20 °C approx 1-2 hours



Safety

Use appropriate respiratory protection ([3M™ 6900](#) full face paint respirator is recommended).

For more detailed information, see the safety data sheet.

TECHNICAL DATA SHEET



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