



TECHNICAL DATA SHEET

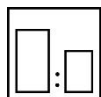
2K Acrylic HS varnish - Polaron-Acryl/C2 HS Clear Coat

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	P-Acryl/C2 Acrylic HS Clear Coat is the second coat of a two coat metallic-acrylic paint system applied over basecoat paints. It is highly glossy, resistant to atmospheric conditions, high fuel resistance, high solid acrylic clear coat. Easy to use. Can be both air-dried and forced-dried.
Auxiliary materials	P HS Hardener , Polaron Thinners T 8-18 / 18-25 / 25-35 .
Mixing ratio (volume)	2:1 (2: P-Acryl/C2 HS Clear Coat, 1: P HS Hardener) If needed can be add 5-15 % Universal Thinners according to the weather conditions.
Gloss	High gloss
Economy	Approx. 9 m ² /L/50 µm
Substrates	Basecoats, sanded and degreased old layers.
Cleaning the equipment:	Universal Acrylic Thinners and Cleaning Thinners
Colour	Clear
Storage life	Under normal storage conditions and unopened tins up to 2 years.

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2K Acrylic HS Clear Coat - Polaron-Acryl/C2 HS Clear Coat

APPLICATION DATA



Mixing ratio

2:1 (2: P-Acryl/C2 HS Clear Coat, 1: Polaron P HS hardener)



Application viscosity

17-18 sec. (DIN CUP 4 mm/ 20 °C)
5-15 % Polaron Universal Thinners
After thinning operation and during continuous mixing
18-25 sec (DIN CUP 4 mm/ 20 °C)



Gravity feed

Spray nozzle (mm)	Pressure (bar)
1.3-1.6	3.5-4.5
1.3-1.8	3.5-4.5
1.1-1.3	3.5-4.5
1.3-1.5	see info manufacturer

Suction feed



Pressure Tank

HVLP/LVLP

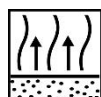


Spray coats/

1 full coat

Coat thickness

50-55 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. 8 hours

60 °C approx. 30 min



Pot life

20 °C approx 1-3 hours (depending on temperature)



Safety

Use suitable respiratory protection (fresh air supply respirator is strongly recommended).
For more detailed information please see Safety Data Sheet.

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