

Technical Data Sheet



P-ACRYL/C2 ***Acrylic HS Clear***

Field of application:	For application as a clear top coat over basecoats. Suitable for passenger cars and commercial vehicles.
Chemical bases:	Clear acrylic finish based on high-resistance hydroxyl-acrylic resins.
General qualities:	P-Acryl/C2 Acrylic HS Clear is the second coat of two coats applicable metallic-acrylic paint system. P-Acryl/C2 HS Acrylic Clear coat is a non-yellowing, high-gloss and highly resistant clear. Easy to use. Can be both air-dried and forced-dried.
Auxiliary materials:	H 8-18/18-30/30+ Hardeners, T 8-18/18-25/25-35/35+ Universal Thinners.
Mixing ratio (volume):	2:1 (2: P-Acryl/C2 Acrylic HS Clear, 1: P line hardeners) if needed can be add 5-15 % Universal Thinners according to the weather conditions.
Physical properties	
Density:	0.980-0.985 kg/L
Flash Point:	>21 °C
Vol. % solids:	58
Viscosity:	55-60 sec (DIN CUP 4 mm/ 20 °C)
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 Nitro Cellulosic Thinners
Colour:	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: P-Acryl/C2 Acrylic HS Clear, 1: Polaron P line hardeners)



Application viscosity:

17-18 sec. (DIN CUP 4 mm/ 20 °C)

5-15 % Universal Thinners

After thinning operation and during continuous mixing 22-25 sec (DIN CUP 4 mm/ 20 °C)



Gravity feed

Spray nozzle (mm)

Pressure (bar)

Suction feed

1.3-1.6

3.5-4.5

Pressure Tank

1.5-1.8

3.5-4.5

HVLP/LVLP

1.1-1.3

3.5-4.5



see

info

manufacturer



**Spray coats/
Coat thickness:**

1 full coat or 1.5 coats

50-60 µm



**Flash-off time:
Hint:**

10-15 min.

Matting if too many layers over or not enough time between applications.



Drying:

20 °C approx. 8 hours

60 °C approx. 30 min



Pot life:

20 °C approx 5 hours

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