

Technical Data Sheet



P-Acryl/C1 Base Coat

Field of application:	Suitable for passenger cars and commercial vehicles
Chemical bases:	Special physically drying binders
General qualities:	<p>P-Acryl/C1 Base Coat is the first coat of two coats applied metallic-acrylic paint system. The system provides an exceptional optical effect, high durability and resistance to fuel and gloss retention.</p> <p>Hint: Because of non adherence of clear coat when it is totally dried, can cause peeling. Especially must pay attention on gray and black colours. For this reason must be used thinners according to the weather conditions.</p>
Auxiliary materials:	P-Acryl/C2 HS Acrylic Clear Coat, e-Acryl/C2 MS Acrylic Clear Coat, T 8-18/18-25/25-35/35+ Universal Thinners
Mixing ratio (volume):	1:1 (1: P-Acryl/C1 Base Coat, 1: Universal Acrylic Thinners)
Physical properties	
Density:	0.900-1.200 kg/L
Flash Point:	>21 °C
Vol. % solids:	30
Gloss:	Matt – Semi matt
Substrates:	Combined with suitable primer on: degreased and sanded of old paint, plastics, steel, galvanised steel, aluminium and polyester.
Cleaning the equipment:	Universal Acrylic Thinners and Nitro Cellulosic Thinner
Colour:	See Polaron Colour Swatch.
Storage life:	Under normal storage conditions and unopened tins up to 2 years.

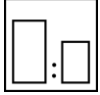
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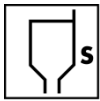
P-Acryl/C1 ***Base Coat***

APPLICATION DATA



Mixing ratio:

1:1 (1: P-Acryl/C1 Base Coat, 1: Universal Acrylic Thinners)



Application viscosity:

17-18 sec. (DIN CUP 4 mm/ 20 °C)

Air Sprey:

18 sec

Pressure tank:

18 sec



Gravity feed

Spray nozzle (mm)

Pressure (bar)

1.3-1.6

3.5-4.5

Suction feed

1.5-1.8

3.5-4.5

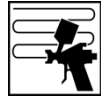


HVLP/LVLP

1.3-1.5

see info

manufacturer

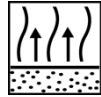


Spray coats/

2-3

Coat thickness:

15-25 µm



Flash-off time:

5-15 min.



Drying:

5-20 min. (According to weather conditions and air flow)



Pot life:

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