

Technical Data Sheet



P-ACRYL

Solid Colour Top Coats

Field of application:	Suitable for passenger cars and commercial vehicles.
Chemical bases:	High quality polyurethane finish based on hydroxy acrylate resins.
General qualities:	P-Acryl Solid Colour Top Coats are acrylic-polyurethane non-yellowing, high-gloss and highly resistant 2-pack finishes. Easy to use. Can be both air-dried and forced-dried.
Auxiliary materials:	H 8-18/H 18-30/H 30+ Hardeners, e-Fast/Standard/Slow Hardeners, T 8-18/18-25/25-35 /35+ Universal Thinners.
Mixing ratio (volume):	3:1 (3: P-Acryl Solid Top Coats, 1: Polaron P line hardeners) 2:1 (2: P-Acryl Solid Top Coats, 1: Polaron e line hardeners)
Physical properties	
Density:	0.900-1.350 kg/L
Flash Point:	>21 °C
Vol. % solids:	47-57
Gloss:	High gloss
Economy:	Approx. 9 m ² /L/50 µm
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 Refinish Colour Swatch.
Storage life:	Under normal storage conditions and unopened tins up to 2 years.

For professional use only! The technical data in these publications has been carefully selected and arranged by us. It is based upon our knowledge on the subject at the date of issuance. The data is given for information only. For safety see MSDS.

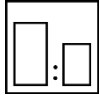
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APPLICATION DATA

**Mixing ratio:**

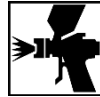
3:1 (3: P-Acryl Solid Top Coats, 1: Polaron P line hardeners)

2:1 (2: P-Acryl Solid Top Coats, 1: Polaron e line hardeners)

**Application viscosity:**

17-18 sec. (DIN CUP 4 mm/ 20 °C)

5-10 % Universal Thinners (according to the weather conditions.)

**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

Pressure Tank

1.0-1.4

4.0-5.0

**Airless**

0.007-0.009"/40

160-200

HVLP/LVLP

1.3-1.5

see

info

manufacturer

**Spray coats/**

1.5-2

Coat thickness:

40-60 µm

**Flash-off time:**

5-10 min.

**Drying:**

20 °C approx. 8 hours

60 °C approx. 30 min

**Pot life:**

Approx. 40 min-3 hours (according to the weather conditions)

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