

TECHNICAL DATA SHEET



Blue Horse 2K Acrylic Solid Color 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	Blue Horse 2K Acrylic Solid Color Top Coats are 2-component non-yellowing solid colors that form a high gloss surface, excellent spreading and covering, resistant to impacts, resistant to atmospheric conditions, easy to apply. It can be applied on coated with a suitable Blue Horse or Polaron primer and sanded, grease and dirt-free old painted, metal, plastic, aluminium, polyester, galvanized steel. Can be both air-dried and forced-dried.
Auxiliary materials	Blue Horse 2K Fast or Standard Hardeners, Polaron T 8-18/18-25/25-35/35+ Universal Thinners
Mixing ratio (volume)	2:1 (2: Blue Horse 2K Acrylic Solid Color Top Coats, 1: Blue Horse 2K Fast or Standard Hardeners)
Gloss	High gloss
Economy	Approx. 9 m ² /L/50 µm
Substrates	Combined with a suitable Polaron or Blue Horse primer on: degreased and sanded of old paint, plastics, steel, galvanised steel, aluminium and polyester.
Cleaning the equipment	Universal Acrylic Thinners and Cleaning Thinners
Storage life	Under normal storage conditions and unopened tins up to 2 years.

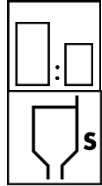
For professional use only. The technical information in this document has been carefully selected and prepared by us based on the current information. However, these data represent symbolic values. Since application variables are an important factor in product performance, this information should only be presented as a general guide. Polaron assumes no liability or responsibility for the use of this information. Due to any defect / error in this product, only the options of replacing the defective product or refunding the sales price are available, and the right to choose among them belongs to Polaron. See SDS for safety information.

TECHNICAL DATA SHEET



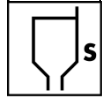
Blue Horse 2K Acrylic Solid Color Top Coats

APPLICATION DATA



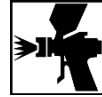
Mixing ratio

2:1 (2: Blue Horse 2K Acrylic Solid Color Top Coats, 1: Blue Horse 2K Fast or Standard Hardeners)



Application viscosity

17-18 sec. (DIN CUP 4 mm/ 20 °C)
10-15 % 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

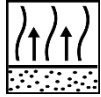
1.2-1.4

see info
manufacturer



Spray coats/
Coat thickness

2
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-2 hours (according to the weather conditions)



Safety

Use suitable respiratory protection (fresh air supply respirator is strongly recommended).

For more detailed information, please see Safety Data Sheet.

For professional use only. The technical information in this document has been carefully selected and prepared by us based on the current information. However, these data represent symbolic values. Since application variables are an important factor in product performance, this information should only be presented as a general guide. Polaron assumes no liability or responsibility for the use of this information. Due to any defect / error in this product, only the options of replacing the defective product or refunding the sales price are available, and the right to choose among them belongs to Polaron. See SDS for safety information.