

TECHNICAL DATA SHEET



Blue Horse 4+1 Primer HS 2K Acrylic Primer

Field of application	Passenger cars and commercial vehicles. New or repaired vehicle parts and complete priming of vehicles
Chemical bases	2-Component high quality hydroxy acrylic resin
General qualities	Blue Horse 4+1 Primer HS 2K Acrylic Primer is a high solids, two component, easy to apply 4+1 acrylic primer with very good filling power and adhesion properties. It does not absorb the paints applied on it and provides long life to the topcoats. Colorable with Blue Horse Solid Color Top Coat.
Auxiliary materials	Blue Horse Hardener Fast/Standard Hardeners, Polaron T 8-18/18-25/25-35/35+ Universal Thinners.
Mixing ratio (volume)	4:1 (4: Blue Horse 4+1 Primer HS 2K Acrylic Primer, 1: Blue Horse Hardeners) if needed add max. 10 % Universal thinners.
Gloss	Matt
Economy	Approx. 8 m ² /L/60 µm
Substrates	Applied on sanded and cleaned fully cured old coatings and plastic surfaces coated with plastic primer.
Undercoats	Irrelevant
Finishing materials	All Blue Horse Finishes.
Cleaning the equipment	Universal Acrylic Thinners and Cleaning Thinners
Colour	Grey, White and Black.
Storage life	Under normal storage conditions and unopened tins up to 2 years.

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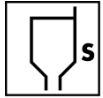
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APPLICATION DATA



Mixing ratio

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Application viscosity

18-22 sec. (DIN CUP 4 mm/20 °C)



Gravity feed

Spray nozzle (mm)

Pressure (bar)



Suction feed

1.4-1.8

3.5-4.5



HVLP/LVLP

1.4-1.8

see info
manufacturer



Spray coats/
Coat thickness

1-3
60-180 µm



Flash-off time

5-10 min.



Drying

20 °C 2-3 hours per layer

60 °C 20 min.

20 °C Thin coat application, wet on wet can be made after 20 minutes. On thick coats, it should be applied after 16 hours.



Pot life

45-60 min. (in combination with Blue Horse Hardener Standard)

30-35 min. (in combination with Blue Horse Hardener Fast)



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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