

B.H-A1002 2:1 Urethane Clear Coat

Field of application

Suitable for passenger cars and commercial vehicles. For application as a clear top coat over basecoats.

General Information

Blue Horse Acrylic Clear Coat is the second layer of the two-coat metallic-acrylic paint system. Blue Horse Acrylic Clear Coat is a non-yellowing, high-gloss and highly resistant clear coat. Fast drying, easy to use properties respond quick workflow with strong spreading and resistance to fuel. Can be both air-dried and forced-dried.

Preparation of Substrate

Apply on top of a clean and dust free Polaron basecoat (the use of a tack rag is recommended to remove dust from the basecoat film).

Hardener and Thinner Selection

Temperature	HS Hardeners	Universal Thinners
Up to 18 °C	Blue Horse Hardener Fast	T 8-18 Universal Thinner Fast
18-25 °C	Blue Horse Hardener Standard	T 18-25 Universal Thinner Standard
25-35 °C	Blue Horse Hardener Slow	T 25-35 Universal Thinner Slow
Over 35 °C	Blue Horse Hardener Slow	T 35+ Universal Thinner Very Slow

Mixing Ratio



Mixing Ratio with Hardeners and Thinners

2 : 1 Blue Horse Acrylic Clear Coat : Blue Horse Hardeners + max. %5-10 Universal Thinners
Application Viscosity DIN4 20 °C : 16-18"

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POLARON BOYA KİMYA SANAYİ VE TİCARET ANONİM ŞİRKETİ

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Mix Tables (According to Thinner Ratio)

	Regular % 5-10 Thinner	
	Volume	Weight
a-Acryl/C2 Acrylic Clear Coat	2	1.000,0
a-Hardeners	1	500,0
Polaron Universal Thinners	0,2	87,0
Total Weight (g)		1.587,00
Application Viscosity DIN4 20 °C	16-18"	
Pot life at 20 °C	90-120 minutes	

Application



Spray gun nozzle (mm)	1,3 - 1,4
Air Pressure (Bar)	1,8-2,0
Number of Coats	2 coats
Between Coats	5-10 minutes

*** Mask entire vehicle to eliminate unwanted overspray

Drying Times



	Air Dry 20 °C	Forced Dry 60 °C
Flash Off	5-10 minutes	5-10 minutes
Dust free	20-30 minutes	-
Dry to handle	8-12 hours	20-40 minutes
Dry to polish	5-12 hours	after cooling down
Total Film Build	45-50 µm	

*** If there are too many coats or not enough time is waited between applications, there may be matting

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Sanding

Required before recoating to ensure good adhesion

DRY : P500
WET : P800

Polishing

If polishing is required, i.e. to remove dirt nibs, it is recommended that it is carried out between 1 hour and 24 hours after the quoted drying time. Denib with P1200, followed by P1500 dry disc. Lightly damp a 3M Trizact P3000 disc or similar with clean water ensuring that the P1500 scratches are eliminated.

Gloss : High Gloss
Storage life : Under normal storage conditions and unopened tins up to 2 years.

Cleaning of Equipment



After use, clean all equipment with Universal Acrylic Thinners and Cleaning Thinners

Protection



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



For more detailed information please see Safety Data Sheet.

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