

## 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
<b>a-Hardeners</b>	1	500,0
Polaron Universal Thinners	0,2	87,0
<b>Total Weight (g)</b>		<b>1.587,00</b>
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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