

# 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  $^{\circ}$ C : 16-18"

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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 minu		20 minutes

# **Application**



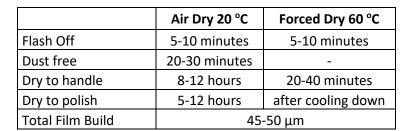


Spray gun nozzle (mm)	1,3 - 1,4
Air Pressure (Bar)	1,8-2,0
Number of Coats	2 coats
Between Coats	5-10 minutes

\*\*\* Mask entire vehicle to eliminate unwanted overspray

# **Drying Times**







\*\*\* 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.