

ACRYLIC URETHANE HAMMERTONE



This is a two-component acrylic urethane hammertone paint which mainly consists of acrylic resin and isocyanate resin. It can form clear and beautiful hammertone pattern with just a one coat session, which makes it suitable for industrial machinery, safes, etc.

Usage

Top coat for industrial machinery, safes, sewing machines, test devices, etc.

Specification

Paint type	Acrylic urethane (Two-Component)			
Drying time	Category	25 °C	50 °C	80 °C
	Set-to-touch drying	10 minutes	5 minutes	1 minute
	Dry-through	3 hours	40 minutes	20 minutes
	Pot life	8 hours (5 °C)	4 hours (25 °C)	2 hours (35 °C)
Thinner	DR-705	Dilution rate	30 ± 10 %	
Paint viscosity	70 ± 10 (KU/25 °C)	Color	Powdered silver and solid colors	
Specific gravity	0.98 - 1.3	Gloss	Glossy - semi-glossy	
Mixing ratio (volume)	Base : Hardener = 4 : 1	Recommended primer	Wash primer, epoxy type	

How to Use

Surface treatment	• Completely remove oil, moisture, sand, dust and foreign substances from the surface.		
	• For steel materials(CR, EGI, GI), apply zinc phosphate chemical conversion coating.		
	• Paint with wash primer before painting if chemical conversion coating with zinc phosphate and other surface treatment methods are difficult to apply.		
Coating Method	• Air spray		
	Recommended thinner	DR-705, DR-700	Dilution viscosity 25 - 40 seconds (Ford cup #4)
Other	• Hammertone pattern may vary depending on conditions such as worker, discharge amount, discharge pressure, number of painting sessions, and thinner dilution.		
	• The pattern varies by the amount of silicone additive. Add the additive separately if necessary.		
	• The pattern becomes more dense as the amount and viscosity of silicone additive increases.		
	• Humidity defect and silicone precipitation during winter at below 5 °C may cause the paint film to perforate. So paint while maintaining the paint at lukewarm temperature.		
	• Use a DH-130 hardener for fast-drying, a DH-330 hardener for improved adhesiveness and no-yellowing, and a DH-230 for semi-quick drying and semi-yellowing.		
	• Painting several times can create more constant pattern with more curvature.		

► This data sheet is based on the test results and knowledge that NOROO produced or possesses, and may change without notice for quality improvement.