

ELECTROSTATIC CURRENT PREVENTION ACRYLIC URETHANE



This paint is an acrylic urethane paint for electrostatic current prevention and is appropriate for ferrous and non-ferrous metal painting in the precision industry which requires high level of cleanliness and protection from the risk of electrostatic current. This is a two-component paint that can dry naturally and it offers superior adhesiveness, water resistance, and chemical resistance.

Usage

Top coat for metal painting such as painting of clean rooms, steel panels, partitions, showcases, HVAC devices, etc.

Specification

Paint type	Acrylic urethane (Two-Component)		
Product Features	1. Paint for electrostatic current prevention 2. Superior wear resistance, adhesiveness, water resistance, and chemical resistance		
Exterior	White and other colors	Applied materials	Ferrous and non-ferrous metals
Specific gravity (25 °C)	1.1 - 1.3	Recommended thickness	30 - 35 μm
Viscosity (KU/25 °C)	68 \pm 3	Mixing ratio	Base : Hardener = 4 : 1
Thinner	DR-705	Gloss	Semi-gloss, matte
Dilution ratio	20 - 40 %	Recommended primer	DAU-300P, EPOXY PRIMER #971
Surface resistance	10 ⁶ - 10 ⁸ (Ω)	Shelf life	12 months

How to Use

Surface treatment	1) Completely remove oil, moisture, sand, dust and foreign substances from the surface. 2) For steel materials(CR, EGI, GI), apply zinc phosphate chemical conversion coating. 3) In case of aluminum and nonferrous metals, apply chromate pretreatment before painting.			
Coating Method	• Electrostatic spray			
	Recommended thinner	DR-705	Dilution viscosity	13 - 16 seconds (Ford cup #4/20℃)
	Recommended coating tool	—	Spray pressure	4 - 5 kg/cm²
	• Air spray			
	Recommended thinner	Designated thinner	Dilution viscosity	16 - 25 seconds (Ford cup #4/20℃)
	Recommended coating tool	—	Spray pressure	3 - 5 kg/cm²
Drying time	Category	25 ℃	50 ℃	80 ℃
	Set-to-touch drying	10 minutes	5 minutes	1 minute
	Dry-through	3 hours	50 minutes	20 minutes
	Pot life	12 hours (5 ℃)	4 hours (25 ℃)	2 hours (35 ℃)

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