

ACRYLIC PAINT FOR STATIC SHOCK PREVENTION



This paint is an acrylic baking 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. It offers superior wear resistance, adhesiveness, water resistance, and chemical resistance which makes it appropriate for new painting.

Usage

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

Specification

Paint type	Acrylic melamine		
Product Features	1. Paint for electrostatic current prevention 2. Superior wear resistance, adhesiveness, water resistance, and chemical resistance		
Exterior	White tone and other colors	Applied material	Ferrous and non-ferrous metals
Specific gravity (25 °C)	0.95 - 1.3	Appropriate layer thickness	30 - 35 μm
Viscosity (KU/25 °C)	70 \pm 3	Gloss	Semi-gloss, matte
Thinner	DR-70	Recommended primer	DNA-730P
Dilution ratio	20 - 40 %	Shelf life	12 months
Surface resistance	$10^6 \sim 10^8 (\Omega)$		

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 and chemical conversion before painting.			
Coating Method	• Electrostatic spray			
	Recommended thinner	Choose according to the painting tool.	Dilution viscosity	15 - 22 seconds (Ford cup #4/20°C)
	Recommended sprayer	Air-atomizer type, mini bell type, and disk type	Spray pressure	4 - 5 kg/cm²
	• Air spray			
	Recommended thinner	DR-70	Dilution viscosity	18 - 25 seconds (Ford cup #4/20°C)
	Recommended sprayer	—	Spray pressure	4 - 5 kg/cm²
Drying method	Category	140 °C	150 °C	160 °C
	Dry-through	25 minutes	20 minutes	15 minutes
Other				

► This data sheet is based on the test results and experiential bases of NOROO but may change without notice for consistent quality improvement.