

# EPOXY PRIMER #971



This paint is a special epoxy resin primer free of heavy metals. It has superior adhesiveness with CR, aluminum, and magnesium pre-treated with chromate along with outstanding corrosion resistance and water resistance.

## Usage

Primer for general steel materials, safes, communication devices, distribution boxes, and industrial devices

## Specification

Paint type	Backing and air-drying epoxy paint (Two-Component)			
Product features	1. Improves adhesiveness for various metals including CR and aluminum.			
	2. Assigns chemical resistance properties such as corrosion resistance and water resistance.			
	3. Has outstanding processibility and elasticity.			
	Category	25 °C	50 °C	90 °C
	Set-to-touch	50 minutes	25 minutes	10 minutes
Drying time	Dry-through	4 hours	1 minute	30 minutes
	Pot life	12 hours (5 °C)	4 hours (25 °C)	2 hours (35 °C)
Thinner	DR-100 thinner	Thickness of dried film	30 ± 0.05 μm	
Viscosity (KU/25 °C)	70 ± 5	Wet film thickness	75 ± 0.05 μm	
Specific gravity	1.3 - 1.6 (Varies depending on color.)	Gloss	Semi-gloss	
Mixing ratio (volume)	Base : Hardener = 3:1 / (Weight) 5:1	Recommended top coat	DAU-307, DNA-700	
Dilution ratio	30 ± 10 %	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	• Air spray			
	Recommended thinner	Designated thinner	Dilution viscosity	16 - 25 seconds (Ford cup #4/20°C)
	Recommended coating tool	—	Spray pressure	3 - 5 kg/cm <sup>2</sup>
	• Brush and roller			
	Dilution ratio	5 - 10 %		

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

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