

EVACOAT MULTI-PURPOSE PRIMER

NOROO multi-purpose primer



This paint is a multi-purpose primer, which is a two-component modified polyamide curing epoxy paint containing an excellent zinc phosphate anti-corrosive pigment. It is suitable for various nonferrous metals and steel structures, for which a blast surface treatment is impossible, due to its excellent adhesion properties. It is also excellent in impact resistance and bending resistance as compared with general epoxy primers, while having good anti-corrosive properties and abrasion resistance. It can be applied to various top coat such as epoxy, urethane, and alkyd as a subsequent coating material.

Usage

Primer for nonferrous metals such as zinc plated steel, stainless steel, aluminum, copper, etc.
 Primer for steel for which blast surface treatment is impossible (excluding flooded parts)
 Primer for repair painting of various old films

Specification

Paint type	Epoxy polyamide / Anti-corrosive and nonferrous metal primer (Two-Component)			
Drying time	Category	5°C	20°C	30°C
	Set-to-touch	1 hour	30 minutes	20 minutes
	Dry-hard	24 hours	6 hours	4 hours
	Over-coat (Min.)	32 hours	8 hours	6 hours
	Pot life	10 hours	6 hours	4 hours
Thinner	General coating : DR-100 Repair coating of alkyd old films : DR-100A	Dilution ratio	▷ Brush, roller coating: less than 15% ▷ Airless, spray coating: less than 10%	
Specific gravity	Approx. 1.3(Based on gray color)			
Theoretical Coverage	10 m ² /ℓ (1time - 50μm)	Solid volume ratio	Approx. 50±1%	
Color	Gray, white, ordered colors	Thickness of dried film	50~75μm	
Mixing ratio	Base(A)/Hardener(B)=3/1 (Volume ratio)	Flash point	At least 27°C	
Gloss	Matte	Shelf life	12 months (Dry, cool, and dark place with good ventilation)	

Product Properties (Physical Property Data)

Superior adhesion	A multi-purpose primer that can be applied to steel and nonferrous metals (zinc plated steel, stainless steel, aluminum, copper, etc.)
Excellent film property	Water resistance, anti-corrosive properties, impact property and abrasion resistance are excellent.

How to Use

Surface treatment	<ol style="list-style-type: none"> 1. Completely remove oil, moisture, sand, dust, and other foreign matter from the surface to be coated. 2. Sufficiently dry the surface to be coated before coating. 3. Special surface treatment such as blasting is not necessary. (Excluding flooded parts) 4. For high-gloss smooth galvanized steel sheets, light sandpapering is recommended. 5. Upon repair coating, completely remove the old film with weak adhesion, rust and mill scale with hand tools or power tools.
Coating Method	<ol style="list-style-type: none"> 1. Coating can be done by either brush, roller, air or airless spray coating. 2. Airless spray coating: <ul style="list-style-type: none"> - Tip diameter : 0.017"~0.021" - Injection pressure : More than 2,500 P.S.I.(176kg/cm²) - Store the coating equipment after cleaning with an exclusive thinner immediately after use.
Preceding & Follow-up Coating	<ol style="list-style-type: none"> 1. Follow-up coating : Epoxy resin, urethane resin, alkyd resin, PVDF paint
Remarks	<ol style="list-style-type: none"> 1. Sufficient performance after last coating is achieved after drying for 7 days at 20°C. 2. For coating areas exposed to the outside, yellowing and chalking may occur in a short period of time due to the effect of sunlight. Upon coating for areas exposed to the outside, be sure to apply top coating. 3. For plastic, PCM, and acrylic plate substrates, proceed with coating if there are no problems in the test coating.