

FAST DRYING ANTI-CORROSION PRIMER(R)



This paint is made by mixing excellent alkyd resin with iron oxide anti-corrosive pigment. It is a fast drying anti-corrosive primer with good adhesion, anti-corrosion properties, and workability to steel surfaces. It is an anti-corrosive primer for steel structures that are not immersed in water, having excellent stretchability and adhesion for metal expansion.

Usage

Anti-corrosive primer for general steel structure

Specification

Paint type	Alkyd / Anti-corrosion primer			
Drying time	Category	5°C	20°C	30°C
	Set-to-touch	30 minutes	20 minutes	10 minutes
	Dry-hard	14 hours	7 hours	4 hours
Thinner	DR-306	Dilution ratio	Volume ratio : 5~10%	
Specific gravity	Approx. 1.35			
Theoretical Coverage	14 ~ 16 m ² /ℓ (1time - 35μm)	Solid volume ratio	Approx. 55±5%	
Color	Reddish brown, gray	Thickness of dried film	35μm	
Mixing ratio	One-component	Flash point	12 months (Dry, cool, and dark place with good ventilation)	
Gloss	Matte	VOC	Paints for construction, general steel, anti-corrosion(excluding the lacquer system)TVOC(2020.1.1~) : less than 420g/ℓ	

Product Properties (Physical Property Data)

Workability	An anti-corrosive primer with excellent anti-corrosive properties and workability to steel surfaces.
Elasticity	Elasticity and adhesion for metal expansion are excellent.

How to Use

Surface treatment	<ol style="list-style-type: none">1. New metal plate : Completely remove rust, oil, dust and other contaminants from the surface of the substrate by applying blasting cleaning at Sa2 or higher.2. Repair coating: Completely remove worn film, rust, grease, salt, dust, and other contaminants. For damaged parts, apply repair coating to make the film thickness the same as the surrounding coating after correcting by wire brushing. Additionally, to enhance the adhesion, sand the surface of the old film with sandpaper.
Coating Method	<ol style="list-style-type: none">1. Although coating can be done by either brush, roller, air or airless spraying,2. Airless spray coating :<ul style="list-style-type: none">- Tip diameter : 0.017"~0.021"- Injection pressure : 143 Pa- Injection angle : 65°(Airless spray data are for reference only, and it is adjusted according to the coating conditions.)3. Coating conditions : The surface of the substrate must be clean. The surface temperature should be at least 3°C higher than the dew point to the relative humidity should be less than 85%.
Preceding & Follow-up Coating	<ol style="list-style-type: none">1. Follow-up coating : Alkyd top coat