

NEW-METALON

(RED LEAD ZINC-CHROMATE ANTI-CORROSIVE PAINT) DNU-1000



This paint is made by mixing excellent alkyd resin with anti-corrosive pigments, red lead and zinc chromate. In particular, it has good oil resistance and adhesion to steel surfaces and excellent stretchability and adhesion for metal expansion. It is widely used as an anti-corrosive primer for steel structures that are not immersed in water. In particular, it is effective for painting high-grade buildings due to its anti-corrosion properties and durability.

Usage Anti-corrosion paint for steel structures such as commercial buildings/residential buildings/public facilities

Specification

Paint type	Alkyd / Anti-corrosion primer			
Drying time	Category	5°C	20°C	30°C
	Set-to-touch	3 hours	90 minutes	1 hour
	Dry-through	18 hours	8 hours	6 hours
	Time required for re-coating (min.)	32 hours	16 hours	10 hours
Thinner	DR-306	Dilution ratio	Volume ratio : 5~10%	
Specific gravity	Approx. 1.5			
Theoretical Coverage	13~15 m ² /ℓ (1time - 35μm)	Solid volume ratio	Approx. 49±1%	
Color	Orange	Thickness of dried film	35μm	
Mixing ratio	One-component	Shelf life	12 months (Dry, cool, and dark place with good ventilation)	
Gloss	Matte			

Product Properties (Physical Property Data)

Film property	Oil resistance and adhesion are good.
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: After completely removing worn film, rust, oil, salt, dust and other contaminants and wire brushing for the damaged parts, apply repair painting to make the film thickness the same as the surrounding coating.
Coating Method	<ol style="list-style-type: none">1. Coating can be done by either brush, roller, or airless spray coating.2. Airless spray coating :<ul style="list-style-type: none">- Tip diameter : 0.017"~0.021"- Injection pressure : 2,100 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
Remarks	※ It is a KS mark product corresponding to KSM-6020 class 5.