

NEW-METALON(ZINC PRIMER)

DNU-2000 KS M class 2 grade 2

This paint is an anti-corrosive paint made by mixing excellent alkyd resin with anti-corrosive pigments including zinc chromate, zinc oxide and red iron oxide. In particular, it has good oil resistance and adhesion to steel surfaces and excellent stretchability and adhesion for metal expansion. It is an economical paint widely used as an anti-corrosive primer for steel structures that are not immersed in water.

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	1 hour	1 hour
	Dry-through	18 hours	8 hours	6 hours
	Time required for re-coating (min.)	32 hours	18 hours	10 hours
Thinner	DR-306	Dilution ratio	Volume ratio : 5%	
Specific gravity	Approx. 1.3			
Theoretical Coverage	14~16 m ² /ℓ (1time - 35μm)	Solid volume ratio	Approx. 52±3%	
Color	Reddish brown	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, adhesion, anti-corrosive properties and durability are excellent
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 2 grade 2.