

# ZINC-CHROMATE ANTI-CORROSIVE PAINT

## KSM-6030 Class 2



This paint is made by mixing mainly excellent alkyd resin and zinc chromate. It is an anti-corrosive primer widely used for steel structures having good oil resistance, adhesion, and anti-corrosion properties to steel surfaces. In addition, it is painted on steel surfaces or aluminum surfaces after pretreatment, and excellent anti-corrosion effects can be obtained.

### Usage

Anti-corrosive paint for general steel and steel structures in areas with severely corrosive environments

### Specification

Paint type	Alkyd / Anti-corrosive primer		
Category	Category	Type 1	Type 2
	Dry surface condition	Matte	
	Color	Yellow	Reddish brown
	Specific gravity	Approx. 1.38	Approx. 1.35
	Theoretical Coverage	13~15 m <sup>2</sup> /ℓ	11~13 m <sup>2</sup> /ℓ
	Thickness of dried film	35μm	
	Number of painting	1time	
	Set-to-touch(20°C)	1 hour	1 hour
	Dry-hard(20°C)	3 hours	8 hours
	Time required for re-coating (min.) (20°C)	8 hours	18 hours
	Thinner	KSM-6060(Class 1, Class 2)	
	Dilution ratio	5~10%(Volume ratio)	
	Mixing ratio	One-component	
	Shelf life	12 months (Dry, cool, and dark place with good ventilation)	

### Product Properties (Physical Property Data)

Category	Category		Type 1	Type 2
	Composition of pigment	Zinc chromate	More than 48	More than 10
		Zinc oxide	More than 34	More than 10
		Titanium dioxide	More than 12	-
		Iron oxide	-	More than 50

### How to Use

Surface treatment	<ol style="list-style-type: none"><li>1. Metal plate: Completely remove oil and other contaminants from the surface of the substrate by using a proper solvent such as xylene, etc. Completely remove rust, forge scale and other contaminants by treating at blasting cleaning Sa2.</li><li>2. Maintenance and repair: Remove rust, salt, oil and peeled old film from the surface of the substrate with a suitable tool. Please apply sanding treatment if necessary.</li></ol>
Coating Method	<ol style="list-style-type: none"><li>1. Coating can be done by either brush, roller, or airless spray coating.</li><li>2. Airless spray coating :<ul style="list-style-type: none"><li>- Tip diameter : 0.017"~0.021"</li><li>- Injection pressure : 2,100 Pa</li><li>- Injection angle : 65°</li></ul>(Airless spray data are for reference only, and it is adjusted according to the coating conditions.)</li><li>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%.</li></ol>
Preceding & Follow-up Coating	<ol style="list-style-type: none"><li>1. Follow-up coating : Alkyd top coat</li></ol>
Remarks	※ It is a KS mark product corresponding to KSM-6030 class 2. (Kinds : Type 1, Type 2)