

ALUMINUM COATING

KSM-6020 Class 3



This paint is a 1K aluminum paint manufactured by blending boiled oil, petroleum resin and leafing type aluminum pigment. It particularly has good gloss as well as heat resistance (up to 100°C), weather resistance, water resistance, and adhesion, and is widely used for the interior and exterior of steel structures.

Usage

Aluminum paint for steel structures

Specification

Paint type	Boiled oil, petroleum resin / Top coat			
Drying time	Category	5℃	20℃	30℃
	Set-to-touch	4 hours	2 hours	1 hour
	Dry-through	10 hours	6 hours	4 hours
	Time required for re-coating (min.)	18 hours	12 hours	8 hours
Specific gravity	Approx. 1.0		Solid volume ratio	Approx. 43%
Theoretical Coverage	14~16㎡/ℓ (1time - 25μm)		Thickness of dried film	25μm
Color	Silver color		Shelf life	12 months (Dry, cool, and dark place with good ventilation)
Mixing ratio	One-component			
Dry surface condition	Glossy			
Dilution ratio	No dilution			

Product Properties (Physical Property Data)

Dry-Hard(hours)	Less than 16
Hiding rate(%)	More than 94
Nonvolatile(%)	More than 45

How to Use

Surface treatment	<ol style="list-style-type: none">1. Completely remove rust, oil, dust and other contaminants from the surface of the substrate. It is recommended to paint after applying ready mixed/enamel anti-corrosive undercoat 1-2 times to the surface where rust or oil and other contaminants from the surface of the substrate are completely removed.2. The surface to be coated must be clean. The surface temperature should be at least 3°C higher than the dew point to avoid the condensation of water, and the relative humidity should be less than 85%.
Coating Method	<ol style="list-style-type: none">1. Brush, roller and spray coating2. Airless spray coating :<ul style="list-style-type: none">- Tip diameter : 1.3 ~ 1.5 mm- Injection pressure : 1.3 ~ 1.5 mm- Spray time : 2 ~ 3times(back and forth)(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. Preceding coating : Alkyd anti-corrosive primer
Remarks	※ It is a KS mark product corresponding to KSM-6020 class 3.