

READY MIXED PAINT



KSM-6020 Class 1

This paint is a long oil alkyd resin ready mixed paint with excellent adhesion and long-lasting hiding power, vivid color, and elegant gloss, and excellent weather resistance. In particular, it has excellent brush and spray workability in wood and steel buildings and good durability.

Usage

Paint for steel and wood finishing and protection

Specification

Paint type	Long oil alkyd resin / Top coat		
Category	Category	Grade 1	Grade 2
	Dry surface condition	Glossy	
	Color	Primary color , white, light color, other colors	
	Specific gravity	Approx. 1.44(White)	Approx.1.19(White)
	Theoretical Coverage	8~10m ² /ℓ	
	Thickness of dried film	60μm	
	Number of painting	2times	
	Set-to-touch(20℃)	3 hours	3 hours
	Dry-hard(20℃)	40 hours	15 hours
	Time required for re-coating (min.) (20℃)	48 hours	24 hours
	Thinner	KSM-6060(Type 2)	
	Dilution ratio	5%(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		Grade 1	Grade 2
	Pigment (% to paint)	White and light colors	Less than 53	Less than 40
		Other colors	More than 17	
	Nonvolatile vehicle (% to vehicle)	White and light colors	More than 58	More than 50
		Other colors	More than 50	

How to Use

Surface treatment	<ol style="list-style-type: none">1. New metal plate: Remove dust, oil, etc. from the surface of the substrate using xylene or another proper solvent and then remove rust or forge scale by treating at blasting Sa2. Apply after coating with a proper primer (quick-drying anti-corrosive undercoat, KSM-6030 grade 1) or an undercoat according to the coating specifications.2. New wood: Completely remove dust, oil, etc. Please apply sanding treatment if necessary.3. Repair coating: After completely removing dust, oil, etc., thoroughly remove the paint film that has poor adhesion or is damaged with a wire, brush, or scrapper. Apply sanding for the surface of the old film to enhance adhesion.
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 : 0.43 ~ 0.48 mm- Injection pressure : 143 atm- 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℃ 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 system primer2. Follow-up coating : Alkyd top coat
Remarks	<p>※ It is a KS mark product corresponding to KSM-6020 class 1. (Kinds : Grade 1, Grade 2)</p> <ol style="list-style-type: none">1. If the coating is applied too thick in a single coat, the delayed drying time can affect recoat schedule, solvent release and dirt and debris pick-up.2. Please use after checking the conformity with the old film upon repair coating on the old film (agency or consumer consulting center).3. Sand the existing painted surfaces and clean all surfaces before application to avoid peeling.