

SUPER ENAMEL PLUS

KS M 6020 Class 2 Grade 2(glossy)



This paint is a gloss enamel product based on heavy oil alkyd resin. It is a paint with quick drying ability, excellent hiding power and workability that can be used easily by everyone since no sagging occurs during painting. It is also a top coat finishing paint for outdoor applications that has a hard coat, excellent adhesion, color retention and water resistance, and long-lasting gloss.

Usage

Top finishing paint for steel and wood top material

Specification

Paint type	Heavy oil alkyd resin / Top coat			
Drying time	Category	5°C	20°C	30°C
	Set-to-touch	2 hours	1 hour	30 minutes
	Dry-hard	16 hours	8 hours	6 hours
	Time required for re-coating (min.)	30 hours	16 hours	10 hours
Thinner	DR-306	Dilution ratio	Volume ratio : 5%	
Specific gravity	Approx. 1.18			
Theoretical Coverage	16 m ² /ℓ (1time)	Solid volume ratio	Approx. 50±5%	
Color	White, light color, other ordered colors (Made to order)	Thickness of dried film	30μm/1time (2coats recommended)	
Mixing ratio	One-component	Shelf life	12 months (Dry, cool, and dark place with good ventilation)	
Gloss	Glossy	VOC	Paints for construction, general steel, top finishing(excluding the lacquer system) - TVOC (2020.1.1 ~) : less than 420 g/ℓ	

Product Properties (Physical Property Data)

Nonvolatile component (% to enamel)	White and light colors	more than 45	Nonvolatile vehicle (% to vehicle)	White and light colors	more than 30
	Other colors	more than 40		Other colors	
Gloss(60°)	more than 85		Hiding rate(%)	White	more than 88
				Light colors, other colors	more than 80

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 corrosive undercoat, KSM-6030 class 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, 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. Apply 1~2 times to get a dry film thickness of 30μm. 4. 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 system primer 2. Follow-up coating : Alkyd top coat
Remarks	<p>※ It is a KS mark product corresponding to KSM-6020 class 2 gloss 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 cons 3. Sand the existing painted surfaces and clean all surfaces before application to avoid peeling.