

SUPER ENAMEL

Alkyd gloss enamel



SUPER ENAMEL is a gloss enamel product based on medium 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 suitable as an indoor and decorative finishing paint that has a hard coating film, excellent adhesion, color retention and water resistance, and long-lasting gloss.

Usage

Top finishing paint for steel structures such as commercial buildings/residential buildings/public facilities

Specification

Paint type	Heavy oil alkyd resin / Top coat			
Drying time	Category	5°C	20°C	30°C
	Set-to-touch	4 hours	2 hours	1 hour
	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 : 10%	
Specific gravity	Approx. 1.1(based on white color)			
Theoretical Coverage	7~8m ² /ℓ (2times - 60μm)	Solid volume ratio	Approx. 42~45%	
Color	White, other colors	Thickness of dried film	2coats - 60μm	
Mixing ratio	One-component	Flash point	At least 30°C	
Gloss	Glossy	Shelf life	12 months (Dry, cool, and dark place with good ventilation)	

Product Properties (Physical Property Data)

Workability	Flowing resistance is superior, and workability is excellent.
Film property	Light resistance, water resistance, durability, and salt water resistance are excellent.
Resistance	It is excellent in resistance to mineral oil, petroleum, grease, etc.

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. 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	※ It is a KS mark product corresponding to KSM-6020 class 2 gloss grade 2.