

ENAMEL

Alkyd enamel



This paint is a synthetic resin alkyd paint, which is a top coat for painting on the inside and outside iron and wood of buildings. It is an excellent paint with excellent hiding power, hard coat, good adhesion and water resistance, and long-lasting elegant gloss. It is a paint that can be directly applied without use of thinner upon painting because it is easily fluidized, though during storage it remains in a cream phase, due to its excellent thixotropic phenomenon.

Usage

Top coat for wood and steel of building interior/exterior

Specification

Paint type	Synthetic resin alkyd paint / Top coat			
Drying time	Category	5°C	20°C	30°C
	Set-to-touch	4 hours	2 hours	90 minutes
	Dry-through	16 hours	8 hours	6 hours
	Time required for re-coating (min.)	30 hours	16 hours	10 hours
Thinner	DR-306(if necessary)	Dilution ratio	1~5%(Volume ratio)	
Specific gravity	Approx. 1.1	Thickness of dried film	60 μ m	
Theoretical Coverage	6~8m ² /ℓ (2times - 60 μ m)	Shelf life	12 months (Dry, cool, and dark place with good ventilation)	
Color	See the remarks below	Mixing ratio	One-component	
Gloss	Glossy, semi-gloss			

Product Properties (Physical Property Data)

Film property	Hiding power, adhesion and water resistance are excellent.
Workability	The paint can be directly applied without using a thinner upon coating.

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. Brush, roller coating 2. Avoid fire during or after coating and ventilate properly. 3. For re-coating following one coat, please apply after the previously coated film has dried sufficiently. 4. During storage, it becomes creamy as in its original form. If it is stirred before use, it will easily be fluidized. 5. 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. Primer for steel : DNU-3000 reddish brown, 5000 reddish brown, KSM-6030 class 1 (1, 2, 3, 4 type) Red lead primer Primer for wood : DNP-217 READY MIXED PAINT
Remarks	<ol style="list-style-type: none"> 1. Color and Gloss <ul style="list-style-type: none"> - Glossy : white, ivory white, white green, romantic pink, ivory, cork, spring green, sky blue, lavender pastel green, shadow blue, pretty yellow - Semi-gloss : white, light gray, cherry, sweet cherry