

SOO ENAMEL PLUS

Alkyd top coat



This paint is an enamel product based on alkyd resin, which is a top coat applied on steel and wood outside of buildings. It is a top coat finishing paint having excellent workability, adhesion and durability.

Usage

Topcoat for steel and wood structures such as commercial buildings/residential buildings/public facilities

Specification

Paint type	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
	Over-coat(Min.)	30 hours	16 hours	10 hours
Thinner	DR-306	Dilution ratio	Volume ratio : 5%	
Specific gravity	Approx. 1.0 ~ 1.2			
Theoretical Coverage	17 m ² /ℓ/1time	Solid volume ratio	Approx. 52±5%	
Color	White, other colors	Thickness of dried film	30μm/1time (2times recommended)	
Mixing ratio	One-component	Shelf life	12 months (Dry, cool, and dark place with good ventilation)	
Gloss	Glossy, Semi-gloss, Matte	VOC	Paints for construction, general steel, top finishing(excluding the lacquer system) - TVOC (2020.1.1 ~) : less than 420 g/ℓ	

How to Use

Surface treatment	<ol style="list-style-type: none">1. New metal plate : Completely remove rust, oil, dust and other contaminants from the surface of the substrate by applying blasting cleaning at SP6 or apply primer according to the painting 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.4. Sand the same-type old film (enamel) with sandpaper to improve adhesion.
Coating Method	<ol style="list-style-type: none">1. Coating can be done by either brush, roller, or airless spray coating.2. Apply 1~2 times to get a dry film thickness of 30μm.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 type primer
Remarks	<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. Do not use on old bake paint (PCM, powder coating, bake coating) surfaces.3. Please use after checking the conformity with the old film upon repair coating on the old film (agency or consu4. Orange or red colors tend to discolor more quickly due to sunlight than other colors.5. Primary color paint colors: red, orange, yellow, light green, blue, reddish brown, black, wood color, light gray, gray, beige, light green, light blue6. Do not pile up rags or combustible materials with the product on them as there is a risk of fire due to spontaneous combustion. Place them in a non-flammable container filled with water and dispose of them through a waste disposal company.