

SOO ENAMEL PLUS



Alkyd top coat

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

Usage

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

Specification

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|----------------------|-----------------------------|-------------------------|-------------------|----------|
| 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-306L | Dilution ratio | Volume ratio : 5% | |
| Specific gravity | Approx. 1.09(White) | | | |
| Theoretical Coverage | 8.8m ² /ℓ/2times | Solid volume ratio | Approx. 53±5% | |
| Color | White, other colors | Thickness of dried film | 60μm(2times) | |
| Mixing ratio | One-component | Flash point | At least 27°C | |
| Gloss | Glossy | | | |

Product Properties (Physical Property Data)

Film property

It is a top coat finishing paint having excellent workability, adhesion and durability.

How to Use

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| 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 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, 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 primer2. Follow-up coating : Alkyd top coat |
| 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. 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. |