

KSM-6020 Class 1 Grade 2

DNP-307

This ready mixed paint is composed mainly of long oil alkyd resin, having good adhesion, workability and durability. It is also an economical paint that keeps the surface smooth and elegant gloss for a long period of time.

Usage

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

Specification

Paint type	Long oil alkyd resin / Top coat			
Drying time	Category	5°C	20°C	30°C
	Set-to-touch	7 hours	3 hours	2 hours
	Dry-hard	36 hours	15 hours	12 hours
	Time required for re-coating (min.)	48 hours	24 hours	18 hours
Thinner	DR-291	Dilution ratio	Less than 10%(Volume ratio)	
Specific gravity	Approx. 1.2			
Theoretical Coverage	8~9m ² /ℓ (2times - 60μm)	Solid volume ratio	Approx. 60±5%	
Color	White, other colors	Thickness of dried film	60μm	
Mixing ratio	One-component	Shelf life	12 months (Dry, cool, and dark place with good ventilation)	
Gloss	Glossy			

Product Properties (Physical Property Data)

Pigment (% to paint)	White and light color	Less than 40	Nonvolatile vehicle (% to vehicle)	White and light color	More than 50
	Other colors	More than 17		Other colors	
Gloss(60°)	More than 60		Hiding rate(%)	More than 85	

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 proper primer (quick-drying anti-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, brush, or scrapper. 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 1.