

HOUSE COAT(READY MIXED PAINT, PREMIUM)



DNP-107

This paint is a typical ready mixed paint based on drying oil and alkyd resin as the main ingredients with good wettability to the basis material. It has good adhesion, convenient workability, and excellent hiding power, weather resistance and durability. In addition, the elegant gloss is maintained for a long period of time, and it is a paint with excellent protection for the substrate.

Usage	Top finishing paint for steel structures such as commercial buildings/residential buildings/public facilities
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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-through	36 hours	15 hours	12 hours
	Time required for re-coating (min.)	48 hours	24 hours	18 hours
Thinner	DR-291	Dilution ratio	Volume ratio : 10%	
Specific gravity	Approx. 1.1(based on white color)			
Theoretical Coverage	8~10m ² /ℓ (2times - 60μm)	Solid volume ratio	Approx. 55±2%	
Color	White, other colors	Thickness of dried film	60μm	
Mixing ratio	One-component	Flash point	At least 38°C	
Gloss	Glossy	Shelf life	12 months (Dry, cool, and dark place with good ventilation)	

Product Properties (Physical Property Data)

Superior adhesion	Adhesion is superior
Film property	Hiding power, weather resistance and durability are excellent.
Gloss retention	The gloss retention rate is excellent.

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 1 grade 2.