

# HOUSE COAT(READY MIXED PAINT, PRIMARY COLOR)



## DNP-100 type

This paint is a typical premium enamel 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 and durability. In addition, the elegant gloss and vivid color are maintained for a long period time, and it is a paint with excellent protection for the substrate. It can also be used for the coloring of white premium enamel paint.

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-hard	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. 1.1~1.2			
Theoretical Coverage	8~9 m <sup>2</sup> /l/time	Thickness of dried film	30μm	
Color	Red, yellow, green, dark blue, reddish brown, black	Shelf life	12 months (Dry, cool, and dark place with good ventilation)	
Mixing ratio	One-component	Gloss	Glossy	

### Product Properties (Physical Property Data)

Adhesion	Adhesion is excellent.
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"> <li>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.</li> <li>2. New wood: Completely remove dust, oil, etc. Please apply sanding treatment if necessary.</li> <li>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.</li> </ol>
Coating Method	<ol style="list-style-type: none"> <li>1. Coating can be done by either brush, roller, or airless spray coating.</li> <li>2. Airless spray coating : <ul style="list-style-type: none"> <li>- Tip diameter : 0.43 ~ 0.48 mm</li> <li>- Injection pressure : 143 atm</li> <li>- Injection angle : 65°</li> </ul>                     (Airless spray data are for reference only, and it is adjusted according to the coating conditions.)                 </li> <li>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%.</li> </ol>
Preceding & Follow-up Coating	<ol style="list-style-type: none"> <li>1. Preceding coating : Alkyd system primer</li> <li>2. Follow-up coating : Alkyd top coat</li> </ol>
Remarks	