

FIRE BLOCKING FAST DRYING TOP COAT



This paint is a air-drying type modified chlorinated rubber acrylic paint that is a fast-drying top coat. It is suitable for finish painting of various steel structures because of its excellent airless workability and thick-film paint-ability. In particular, it is the most suitable paint for the top coat of fire retardant coating due to its excellent adhesion to the fire retardant coating surface.

Usage

Top coat for steel structures

Specification

Paint type	Acrylic modified chlorinated rubber / Intermediate/top coat			
Drying time	Category	5°C	20°C	30°C
	Set-to-touch	40 minutes	20 minutes	10 minutes
	Dry-hard	8 hours	4 hours	3 hours
	Over-coat (Min.)	12 hours	5 hours	3 hours
Thinner	DR-1100	Dilution ratio	▷ Brush, roller coating: less than 15% ▷ Airless, spray coating: less than 10%	
Specific gravity	Approx. 1.26(Based on white color)			
Theoretical Coverage	9 m ² /ℓ (1 time - 50~75μm)	Solid volume ratio	Approx. 45±1%	
Color	White, other colors	Thickness of dried film	50~75μm	
Gloss	Matte	Flash point	At least 27°C	
		Shelf life	12 months (Dry, cool, and dark place with good ventilation)	

How to Use

Surface treatment	<ol style="list-style-type: none"> 1. Completely remove oil, moisture, sand, dust, and other foreign matter from the surface to be coated. 2. Sufficiently dry the surface to be coated before coating. 3. After primer coating, clean up the welded areas (blackened and rusted areas) with a disc sander. Then, touch up with this paint and continue coating.
Coating Method	<ol style="list-style-type: none"> 1. Although coating can be done by either brush, roller, air or airless spraying, airless spray coating is best for obtaining a sufficient coating thickness. 2. Airless spray coating : <ul style="list-style-type: none"> - Tip diameter : 0.019"~0.023" - Injection pressure : More than 3000 P.S.I (210kg/cm²) - Store the coating equipment after cleaning with an exclusive thinner immediately after use.
Preceding & Follow-up Coating	<ol style="list-style-type: none"> 1. Preceding coating : One-hour or two-hour fire-resistant paint, Chlorinated rubber system paint
Remarks	<ol style="list-style-type: none"> 1. Sufficient performance after last coating is achieved after drying for 7 days at 20°C. 2. Follow-up coating with a brush or roller on top of chlorinated rubber paint may result in bleeding as the internal pigment melts. To prevent this, airless spray coating is recommended. 3. It is not recommended for old alkyd coating because it may cause wrinkles during coating on the old alkyd coating of general steel frames. 4. This is a thermoplastic substance that can be softened and decomposed at high temperature (70°C).