

CERACOAT



Top coat for intumescent coating

This paint is a air-drying type acrylic paint that is a fast-drying top coat. It is suitable for top coat of various indoor steel structures because of its excellent airless workability and adhesion.

Usage

Top coat for intumescent coating of indoor steel structures

Specification

Paint type	Acrylic / 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	▷ Less than 10% (Volume ratio)	
Specific gravity	Approx. 1.34(Based on white color)			
Theoretical Coverage	10.6 m ² /ℓ (1 time - 50μm)	Solid volume ratio	Approx. 53±1%	
Color	White, other colors	Thickness of dried film	50μm	
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. 3. Refinishing with several over-lapped brushing can cause stains by melting of existing film or slow drying by increased film thickness. Wrinkles and color spreading could be occurred by existing film. 4. If you worry about bubbles on the topcoat by pinholes on midcoat, apply a primary coating with diluted topcoat and apply the main topcoat. 5. In case of coating on the primer directly without intumescent midcoat, adhesion could be different by primer types and coating interval. Please check the adhesion with primer before applying. 6. Additional tinting is unavailable due to the color difference and flooding.
Preceding & Follow-up Coating	<ol style="list-style-type: none"> 1. Preceding coating : One-hour or two-hour fire-resistant paint (FIREBLOCKING series)
Remarks	<ol style="list-style-type: none"> 1. Sufficient performance after last coating is achieved after drying for 7 days at 20°C. 2. Excessive dilution may occurs drying problem, flooding and sagging. 3. Yellowing and chalking could be occurred by sunlight.