

DHDC-2540

Vinyl top coat



This paint is a thick-film vinyl top coat made by using polyvinyl copolymer resin and pigment with good weather resistance. It is a vinyl top coat with various properties such as water resistance, salt water resistance, flexibility, adhesion, firmness, color complementarity, chemical resistance, and quick dryness. It is used for long-term protection of vinyl primer coated parts.

Usage

Top coat for steel structures and concrete surfaces that require water resistance, weather resistance, and chemical resistance atmosphere.

Specification

Paint type	Polyvinyl / Top coat			
Drying time	Category	5°C	20°C	30°C
	Set-to-touch	20 minutes	10 minutes	5 minutes
	Dry-hard	1 hour	30 minutes	20 minutes
	Over-coat (Min.)	4 hours	2 hours	1 hour
Thinner	DR-2000	Dilution ratio	▷ Brush, roller coating: less than 15%	
Specific gravity	Approx. 1.08(Based on white color)		▷ Airless, spray coating: less than 10%	
Theoretical Coverage	12 m ² /ℓ (1 time - 20μm)	Solid volume ratio	Approx. 24±1%	
Color	White, other colors	Thickness of dried film	20μm	
Gloss	Semi-gloss	Flash point	At least 7°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 : 0.015"~0.019"- Injection pressure : More than 2500 P.S.I (176kg/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 : Vinyl 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. This is a thermoplastic substance that can be softened and decomposed at high temperature (70°C).