

DHDC-3500

Vinyl top coat, high build



This paint is a thick-film vinyl top coat made by using polyvinyl copolymer resin and pigment with good weather resistance. In addition to the advantage of being able to be applied as the dry film at a thickness of up to 100 μ m, it is a top coat that is good in water resistance, chemical resistance, weather resistance and adhesion that ordinary vinyl paints have. If this paint is used with a vinyl high-build primer, excellent coating performance is exerted.

Usage

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

Specification

Paint type	Vinyl top coat / High build			
Drying time	Category	5°C	20°C	30°C
	Set-to-touch	1 hour	30 minutes	20 minutes
	Dry-hard	12 hours	6 hours	4 hours
	Over-coat (Min.)	18 hours	8 hours	6 hours
Thinner	DR-2000	Dilution ratio	▷ Brush, roller coating: less than 15% ▷ Airless, spray coating: less than 10%	
Specific gravity	Approx. 1.22(Based on white color)			
Theoretical Coverage	4 m ² /ℓ (1 time - 100 μ m)	Solid volume ratio	Approx. 40 \pm 1%	
Color	White, other colors	Thickness of dried film	100 μ m	
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 : Wash primer, 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).