

DHDC-2640BG



Solvent-based epoxy top coat

This paint is a two-component epoxy top coat with excellent chemical resistance, solvent resistance, abrasion resistance, durability and water resistance. Moreover, it is the most commonly used epoxy top coat with excellent dry film appearance that is designed to be suitable for airless spray painting.

Usage

Top coat for undercoated steel and concrete

Specification

Paint type	Epoxy polyamide / Top coat (Two-Component)			
Drying time	Category	5°C	20°C	30°C
	Set-to-touch	2 hours	1 hour	40 minutes
	Dry-hard	18 hours	12 hours	8 hours
	Over-coat (Min.)	24 hours	18 hours	12 hours
	Over-coat (Max.)	1 month	15 days	7 days
	Maturation time	1 hour	30 minutes	20 minutes
	Pot life	16 hours	12 hours	8 hours
Thinner	DR-100	Dilution ratio	▷ Brush, roller coating: less than 15%	
Specific gravity	Approx. 1.17(Based on white color)		▷ Airless, spray coating: less than 10%	
Theoretical Coverage	11.2 m ² /ℓ (1 time - 40μm)	Solid volume ratio	Approx. 45±1%	
Color	White, other colors	Thickness of dried film	40μm	
Mixing ratio	Base(A)/Hardener(B)=3/1 (Volume ratio)	Flash point	At least 7°C	
Gloss	Glossy	Shelf life	12 months (Dry, cool, and dark place with good ventilation)	

Product Properties (Physical Property Data)

Epoxy top coat	A two-component epoxy top coat that has a superior dry film appearance and is suitable for airless spray coating. (for interior)
Excellent film property	Adhesion, water resistance, abrasion resistance and solvent resistance are excellent.

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. The welded parts and corners need to be cleaned before coating.
Coating Method	<ol style="list-style-type: none">1. Coating can be done by either brush, roller, or airless spray coating.2. Airless spray coating :<ul style="list-style-type: none">- Tip diameter : 0.015"~0.021"- 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 : Epoxy primer(DHDC-0690, DHDC-1610HB etc.)
Remarks	<ol style="list-style-type: none">1. Sufficient performance after last coating is achieved after drying for 7 days at 20°C.2. For coating areas exposed to the outside, yellowing and chalking may occur in a short period of time due to the effect of sunlight. Upon coating for areas exposed to the outside, be sure to apply top coat.