

# DHDC-3600



## Solvent-based epoxy top coat, high build

This paint is a high build epoxy top coat that is used for painting structures in an environment that requires a firm film, adhesion, solvent resistance and chemical-resistant atmosphere. As it is a high build paint that can be applied as the dry film at a thickness of up to 100 $\mu$ m in one coat, it has an advantage of being able to shorten the painting process.

Usage	Top coat for undercoated steel and concrete
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### Specification

Paint type	Epoxy polyamide / top coat / High build (Two-Component)			
Drying time	Category	5°C	20°C	30°C
	Set-to-touch	2 hours	1 hour	40 minutes
	Dry-hard	24 hours	10 hours	8 hours
	Over-coat (Min.)	32 hours	24 hours	12 hours
	Over-coat (Max.)	3 months	2 months	1 month
	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. 1.3(Based on white color)		▷ Airless, spray coating: less than 10%	
Theoretical Coverage	5.6 m <sup>2</sup> /ℓ (1 time - 100 $\mu$ m)	Solid volume ratio	Approx. 56 $\pm$ 1%	
Color	White, other colors	Thickness of dried film	100 $\mu$ m	
Mixing ratio	Base(A)/Hardener(B)=5/1 (Weight ratio)	Flash point	At least 7°C	
Gloss	Semi-gloss	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, anti-corrosive properties, solvent resistance and chemical resistance are excellent.

### How to Use

Surface treatment	<ol style="list-style-type: none"> <li>1. Completely remove oil, moisture, sand, dust, and other foreign matter from the surface to be coated.</li> <li>2. Sufficiently dry the surface to be coated before coating.</li> <li>3. The welded parts and corners need to be cleaned before coating.</li> </ol>
Coating Method	<ol style="list-style-type: none"> <li>1. Although coating can be done by either brush or airless spraying, airless spray coating is best.</li> <li>2. Airless spray coating : <ul style="list-style-type: none"> <li>- Tip diameter : 0.019"~0.025"</li> <li>- Injection pressure : More than 3000 P.S.I (210kg/cm<sup>2</sup>)</li> <li>- Store the coating equipment after cleaning with an exclusive thinner immediately after use.</li> </ul> </li> </ol>
Preceding & Follow-up Coating	<ol style="list-style-type: none"> <li>1. Preceding coating: steel - epoxy anti-corrosive paint, epoxy zinc and inorganic zinc primer concrete - epoxy solvent-based clear and permeable clear primer <ul style="list-style-type: none"> <li>- Upon coating on the inorganic zinc paint, a mist coat is required.</li> </ul> </li> <li>2. Follow-up coating: Epoxy system, urethane system, PVDF paint</li> </ol>
Remarks	<ol style="list-style-type: none"> <li>1. Sufficient performance after last coating is achieved after drying for 7 days at 20°C.</li> <li>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.</li> </ol>