

# DHDC-2660



## Phenol novolac epoxy coat, high build

This paint is a two-component paint made by using special phenol novolac epoxy resin and has excellent chemical resistance and high temperature heat resistance. It is suitable as a lining paint for tanks storing chemicals, fuel oil, animal/vegetable oils, solvents and other corrosive materials. It can be applied as an anti-corrosive paint for areas requiring high temperature heat resistance of up to 150°C. In addition, it is a top/primer paint that can be applied as the dry film at a thickness of up to 100µm in one coat.

Usage

Paint for tank lining requiring chemical resistance and solvent resistance  
Steel structures requiring high-temperature heat resistance (non-immersed, 150°C)

### Specification

Paint type	Phenol novolac epoxy / top coat and primer / High build (Two-Component)			
Drying time	Category	5°C	20°C	30°C
	Set-to-touch	2 hours	1 hour	30 minutes
	Dry-hard	24 hours	6 hours	4 hours
	Over-coat (Min.)	32 hours	10 hours	6 hours
	Over-coat (Max.)	1 month	15 days	7 days
	Pot life	10 hours	5 hours	3 hours
Thinner	DR-100	Dilution ratio	▷ Brush, roller coating: less than 15%	
Specific gravity	Approx. 1.4		▷ Airless, spray coating: less than 10%	
Theoretical Coverage	6.2 m <sup>2</sup> /ℓ (1 time - 100µm)	Solid volume ratio	Approx. 62±1%	
Color	Gray, other colors	Thickness of dried film	100µm	
Mixing ratio	Base(A)/Hardener(B)=3/1 (Volume ratio)	Flash point	At least 27°C	
Gloss	Matte	Shelf life	12 months (Dry, cool, and dark place with good ventilation)	

### Product Properties (Physical Property Data)

Chemical type	50%sulfuric acid, 20%hydrochloric acid, 20%nitric acid, 50%phosphoric acid	Test method	KS M ISO 2812-1
	Saturated sodium hydroxide and potassium hydroxide	Test result	No problems
	Aircraft oil, gasoline, diesel		

### 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. The degree of surface treatment to obtain an excellent steel protection effect should be at least SSPC-SP 10 or Sa2.5 (near white metal blast cleaning). The surface roughness should not exceed 75 µm.</li> <li>2. Apply the coating on steel surface immediately after surface treatment.</li> <li>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.</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 : 0.021"~0.031"</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. Coating specifications : DHDC-2660 100µm X 3times</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.</li> </ol>