

DHDC-8656HB



Coal tar epoxy paint, high build

This paint is made of epoxy polyamide resin and coal tar pitch. It is a two-component coal tar epoxy paint with high hardness and elasticity, firm adhesion, excellent water resistance and chemical resistance. It can be applied as the dry film at a thickness of up to 150~200 μ m in one coat. It is suitable for use in crude oil tanks, wastewater treatment plants, distilled water tanks, and areas where water resistance and chemical resistance are required due to its excellent alkali resistance, oil resistance and seawater resistance.

Usage

Paint for crude oil, distilled water and wastewater tanks requiring oil resistance, water resistance, and chemical resistance
Underground structures, etc.

Specification

Paint type	Coal tar epoxy / 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	15 hours	12 hours
	Over-coat (Max.)	4 months	3 months	2 months
	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 black color)		▷ Airless, spray coating: less than 10%	
Theoretical Coverage	3.2 m ² /ℓ (1 time - 200 μ m)	Solid volume ratio	Approx. 64±1%	
Color	Black	Thickness of dried film	200 μ m	
Mixing ratio	Base(A)/Hardener(B)=4/1 (Weight ratio)	Flash point	At least 7°C	
Gloss	Less than semi-gloss	Shelf life	12 months (Dry, cool, and dark place with good ventilation)	

Product Properties (Physical Property Data)

Coal tar epoxy	A two-component coal tar epoxy high-build paint that can be applied to crude oil tanks and wastewater treatment plants
Excellent film property	Adhesion, water resistance, salt water resistance and chemical 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. 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. 2. Apply the coating on steel surface immediately after surface treatment. 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 or airless spraying, airless spray coating is best. 2. Airless spray coating : <ul style="list-style-type: none"> - Tip diameter : 0.019"~0.025" - 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: Epoxy system, inorganic zinc silicate primer - Upon coating on the inorganic zinc paint, a mist coat is required.
Remarks	<ol style="list-style-type: none"> 1. Sufficient performance after last coating is achieved after drying for 7 days at 20°C. 2. Since this paint contains coal tar, do not expose the skin during painting and be careful not to breath in the fumes. (During coating the inside of tanks, proper ventilation is required.) 3. For coating areas exposed to the outside, yellowing and chalking may occur in a short period of time due to the effect of sunlight.