DHDC-0696HB

Epoxy anti-corrosive primer, high build

This paint is a high build epoxy primer that contains the best anti-corrosive pigment in addition to epoxy polyamide resin. It is a high build epoxy paint that can be applied as the dry film of up to 100 ㎛ in one coat. Unlike conventional anti-corrosive primers, it has the advantage of shortening the work process and is excellent in adhesion, water resistance, salt water resistance, oil resistance, and solvent resistance.

Usage	Steel structures requiring long-term anti-corrosion and places requiring water resistance and oil resistance

Specification

Paint type	Epoxy modified polyamide / Anti-corossive primer /High build (Two-Component)

Drying time

Category	5℃	20℃	30℃
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% ▷Airless, spray coating: less than 10%
Specific gravity	Approx. 1.4(Based on reddish brown)		
Theoretical Coverage	6 ㎡/ℓ (1time - 100㎛)	Solid volume ratio	Approx. 60±1%
Color	Reddish brown, gray, other colors	Thickness of dried film	75~100㎛
Mixing ratio	Base(A)/Hardener(B)=6/1 (Weight ratio)	Flash point	At least 7℃
Gloss	Matte	Shelf life	12 months (Dry, cool, and dark place with good ventilation)

Product Properties (Physical Property Data)

Reduce process	A high-build long-term anti-corrosive primer with excellent adhesion to steel surfaces, it can reduce the painting process.
Excellent film property	Water resistance, oil resistance, and anti-corrosive properties are excellent, and it can be applied to the inside of crude oil or water tanks.

How to Use

Surface treatment	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 ㎛. 2. For steel, apply 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	1. Although coating can be done by either brush or airless spraying, airless spray coating is best. 2. Airless spray coating: - Tip diameter : 0.019"~0.025" - Injection pressure : More than 3000 P.S.I(210kg/㎠) - Store the coating equipment after cleaning with an exclusive thinner immediately after use.
Preceding & Follow-up Coating	1. Follow-up coating : Epoxy resin, urethane resin, PVDF paint are sutaible.
Remarks	1. Sufficient performance after last coating is achieved after drying for 7 days at 20℃. 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.