DHDC-0690ST

Epoxy primer for steel tower, high build

This paint is an anti-corrosive paint made by using a superior nontoxic anti-corrosive pigment and epoxy-modified polyamide resin. This paint is a fast-drying high solid epoxy paint, which is a very excellent long-term anti-corrosive primer having excellent adhesion and salt water resistance when applied to steel structures and zinc plated steel. It is a practical paint that can shorten the painting process because thick coating is possible, and the drying speed is fast.

Usage	Steel structures and zinc plated steel surfaces, which require long-term anti-corrosion Steel structures and zinc plated steel surfaces, for which blasting is impossible Steel structures, electrical transmission tower, steel surfaces of power plants and industrial facilities, etc.

Specification

Paint type	Epoxy modified polyamide / Anti-corossive primer / Thick film (2-Component)

Drying time

Category	5℃	20℃	30℃
Set-to-touch	1 hour	30 minutes	10 minutes
Dry-hard	12 hours	6 hours	3 hours
Over-coat (Min.)	24 hours	8 hours	4 hours
Over-coat (Max.)	3 months	1 month	15 days
Maturation time	30 minutes	20 minutes	10 minutes
Pot life	8 hours	5 hours	3 hours

Thinner	DR-100	Dilution ratio	▷Brush, roller coating: less than 15% ▷Airless, spray coating: less than 10%
Specific gravity	Approx. 1.4		
Theoretical Coverage	6.5 ㎡/ℓ (1time - 100㎛)	Solid volume ratio	Approx. 65±1%
Color	Gray	Thickness of dried film	100㎛
Mixing ratio	Base(A)/Hardener(B)=4/1 (Volume ratio)	Flash point	At least 7℃
Gloss	Matte(Egg shell Gloss)	Shelf life	12 months (Dry, cool, and dark place with good ventilation)

Product Properties (Physical Property Data)

Superior adhesion	A high-build long-term anti-corrosive primer with excellent adhesion to steel surfaces and fast-drying speed
Excellent film property	Water resistance and anti-corrosive properties are superior, and it can be applied to steel structures and electrical transmission towers.

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. Coating can be done by either brush, roller, air or airless spray coating. 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.