DHDC-0450

Modified chlorinated rubber anti-corrosive primer

This paint is a air-drying type modified chlorinated rubber paint, which is a anti-corrosive primer made by using an excellent anti-corrosive pigment. This paint is widely used as an anti-corrosive paint for steel structures due to its excellent adhesion to steel structures.

Usage	Steel structures requiring anti-corrosive properties

Specification

Paint type	Modified chlorinated rubber / Anti-corrosive primer

Drying time

Category	5℃	20℃	30℃
Set-to-touch	1 hour	30 minutes	20 minutes
Dry-hard	6 hours	6 hours	2 hours
Over-coat (Min.)	8 hours	8 hours	3 hours

Thinner	DR-90	Dilution ratio	▷Brush, roller coating: less than 15% ▷Airless, spray coating: less than 10%
Specific gravity	Approx. 1.3		
Theoretical Coverage	10.35 ㎡/ℓ (1time - 40㎛)	Solid volume ratio	Approx. 41±1%
Color	Reddish brown, other colors	Thickness of dried film	40㎛
Gloss	Matte	Flash point	At least 27℃
		Shelf life	12 months (Dry, cool, and dark place with good ventilation)

How to Use

Surface treatment

1. Completely remove oil, moisture, sand, dust, and other foreign matter from the surface to be coated.
2. The degree of surface treatment should be of at least SSPC-SP2, SP3, the degree of surface treatment to obtain an excellent steel protection effect should be at least Sa2 (Commercial blast cleaning).
3. Sufficiently dry the surface to be coated.
4. 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, roller, air or airless spraying, airless spray coating is best for obtaining a sufficient coating thickness.
2. Airless spray coating:
   - Tip diameter : 0.015"~0.021"
   - Injection pressure : More than 2,500 P.S.I.(176kg/cm2)
   - Store the coating equipment after cleaning with an exclusive thinner immediately after use.

Preceding & Follow-up Coating

1. Preceding coating : Zinc cate primer (DHDC-1650, DHDC-1800) or Chlorinated rubber paint
2. Follow-up coating : Chlorinated rubber paint

Remarks

1. Follow-up coating with a brush or roller on top of chlorinated rubber paint may result in bleeding as the internal pigment melts. To prevent this, airless spray coating is recommended.
2. This is a thermoplastic substance that can be softened and decomposed at high temperature (70℃).