

DHDC-4000MIO

Chlorinated rubber MIO (silver gray)



This paint is an intermediate and top coat made by using micaceous iron oxide (MIO) and flaky aluminum pigment based on chlorinated rubber resin. It is fast-drying, and has good water resistance, adhesion, and weather resistance due to the special characteristics of MIO pigment. It is suitable as an intermediate and top coat for steel structures, especially bridges.

Usage

Intermediate and top coat for the steel structures

Specification

Paint type	Chlorinated rubber / M.I.O (1-Component)			
Drying time	Category	5°C	20°C	30°C
	Set-to-touch	2 hours	1 hour	30 minutes
	Dry-hard	8 hours	6 hours	4 hours
	Over-coat (Min.)	10 hours	8 hours	6 hours
Thinner	DR-90	Dilution ratio	▷ Brush, roller coating: less than 15%	
Specific gravity	Approx. 1.49		▷ Airless, spray coating: less than 10%	
Theoretical Coverage	4.5 m ² /ℓ (1time - 100μm)	Solid volume ratio	Approx. 45±1%	
Color	MIO silver gray	Thickness of dried film	100μm	
Gloss	Matte	Flash point	At least 27°C	
		Shelf life	12 months (Dry, cool, and dark place with good ventilation)	

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.2. Sufficiently dry the surface to be coated before coating.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, roller, air or airless spraying, airless spray coating is best for obtaining a sufficient coating thickness.2. Airless spray coating :<ul style="list-style-type: none">- Tip diameter : 0.021"~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 : ZINC CATE PRIMER(DHDC-1650, DHDC-1800) or Chlorinated rubber system paint2. Follow-up coating : Chlorinated rubber system paint
Remarks	<ol style="list-style-type: none">1. To achieve sufficient performance after the last painting, the paint should be dried at 20°C for 7 days.