

DHDC-6000MIO



Epoxy MIO Paint, silver gray

Since EVACOAT MIO is a paint made by using micaceous iron oxide (MIO) pigment based on epoxy polyamide resin, dry film has excellent adhesion, durability, abrasion resistance and water resistance. This paint is an intermediate coating that maximizes the anti-corrosive effect by being coated on a zinc rich primer and epoxy primer. It is a paint excellent in interlayer adhesion even if subsequent painting is extended.

Usage	Intermediate and top coat after primer application on steel structures
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Specification

Paint type	Epoxy polyamide / MIO (2 component)			
Drying time	Category	5°C	20°C	30°C
	Set-to-touch	2 hours	1 hour	40 minutes
	Dry-hard	24 hours	18 hours	16 hours
	Over-coat (Min.)	32 hours	24 hours	18 hours
	Over-coat (Max.)	6 months	4 months	3 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. 1.4		▷ Airless, spray coating: less than 10%	
Theoretical Coverage	6.0 m ² /ℓ (1 time - 100μm)	Solid volume ratio	Approx. 60±1%	
Color	MIO silver gray	Thickness of dried film	100μm	
Mixing ratio	Base(A)/Hardener(B)=7/1 (Weight ratio)	Flash point	At least 7°C	
Gloss	Matte	Shelf life	12 months (Dry, cool, and dark place with good ventilation)	

Product Properties (Physical Property Data)

MIO Paint	Two-component type epoxy MIO intermediate coating with iron oxide pigment of mica for corrosion resistance.
Excellent film property	Adherence, corrosion resistance, durability, abrasion and water resistance.

How to Use

Surface treatment	<ol style="list-style-type: none">1. Remove oil, moisture, sand, dust, and other foreign substances completely from the surface2. Dry the surface sufficiently before painting.3. After the primer painting, clean the welded parts or edges with a disk sander, etc. and then paint it after touching up according to the painting order.
Coating Method	<ol style="list-style-type: none">1. A brush, roller, or airless spray available for painting (airless spray recommended).2. In airless spray painting:<ul style="list-style-type: none">- Tip diameter: 0.021" - 0.025"- Spraying pressure: 3000 P.S.I or more (210 kg/cm²)- The used painting instrument must be cleaned with a dedicated diluent immediately after use.
Preceding & Follow-up Coating	<ol style="list-style-type: none">1. 1 coat : epoxy primer, inorganic zinc, and epoxy zinc paints<ul style="list-style-type: none">- A mist coat is required when coating over inorganic zinc paint.2. 2 coats: Epoxy, urethane, and fluoroplastic paints
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.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.