

Technical Notes



ApplePoxy MIO - 1101

Date -11/06/2024-001

Category - Intermediate

Description

Two pack epoxy polyamide intermediate coat based on laminar micaceous iron oxide pigment. It gives excellent corrosion resistance to metallic surfaces after priming with epoxy primers and over coated with epoxy or PU top coat.



Recommended Use

This product is recommended for the steel structures and sheets in sea shore area or anywhere for requirement of high corrosion resistance.

Technical Data

Color	All Shades
Finish	Glossy
Volume solid	50 ± 5%
Recommended DFT	60-80 micron
Theoretical Coverage	6.25- 8.33 sq. mt/ltr.
Drying Characteristics (At 65% Relative Humidity & At 30°C)	Surface Dry Within 90 min Handle able 3 Hours
Mixing Ratio by volume	4 Base : 1 Hardener
OVER COATABILITY	Over Night

Surface Preparation

The surface of steel should be cleaned to st-2/ st-3. The surface should be absolutely dry, moisture and oil free before paint application.

Health & Safety

This is a solvent-based paint and care should be taken to avoid inhalation of spray mist or vapor as well as contact between the wet paint and exposed skin or eyes.

Application Details

APPLICATION METHOD	Brush/Air less spray
THINNER	9100
VOLUME OF THINNER	30%

Application Method

Clean all equipment thoroughly with thinner mix base & hardener as per given ratio & mix thoroughly add thinner as per requirement and apply on surface.

Airless Spray

Nozzle orifice	0.4 to 0.5 mm
Nozzle pressure	2500 - 3500 p.s.i

Brush/Roller

Add suitable amount of thinner for comfortable brush/roller application.

Additional Information

For further information, please go through MSDS of the product.

Notes

Check points before painting

1. Do not apply paint when temperature falls below 10°C or rises above 50°C and when relative humidity is above 85%, or during rain, fog or mist.
2. Brush and spray equipment should be cleaned with recommended thinner.
3. DFT variation can be obtained by change in application method/thinning ratio.
4. Product with different volume solids, with amine hardener.
5. Self life indicated is minimum of this product in sealed condition and it is subjected to re inspection thereafter.

Packing

5 liters set (4 liters Base : 1 Hardener)
20 liters set (16 liters Base : 4 liters Hardener)

Limitation Of Liability

To the best of our knowledge, the technical data in our literature are true and accurate at the date of issuance but are subject to change without prior notice. We guarantee our product to conform specification contained herein. We make no other warranty or guarantee of any kind, express or implied including merchantability and fitness of particular purpose.