



ARCOY INDUSTRIES (INDIA) PVT. LTD.

Your partners in corrosion prevention

ARCOMEDIATE MIO

EPOXY BASED MICACEOUS IRON OXIDE INTERMEDIATE COATING



INTRODUCTION

ARCOMEDIATE MIO is a two component polyamide cured high solid epoxy coating, especially formulated to improve the anti-corrosive properties of coating and to extend the life of protective coating. It can be used as intermediate as well as top coat to suit tropical environments.

CHARACTERISTICS

ARCOMEDIATE MIO - having a lamellar micaceous iron oxide as the main corrosion inhibitive pigment. These lamellar flakes of micaceous iron oxide align parallel to the substrate surface, producing a shield or barrier of overlapping plates. This alignment enhances protection by providing -

- Barrier protection.
- Ultraviolet (UV) light absorption.
- Film strength.
- Increased intercoat adhesion.
- Reduced erosion rates.
- Extended life of protective coating.
- Increased mechanical & chemical properties.

**CORROSION
NO ENTRY**

INDUSTRIAL & MARINE COATINGS

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TECHNICAL DATA

Base : High solid epoxy resin with lamellar micaceous Iron oxide as the main corrosive inhibitive pigment and various additives to suit the atmosphere

Hardener : Polyamide based

Volume Solids : 70 - 80%

Dry Film Thickness (DFT) : 75 - 125 microns / coat

Coverage : 5 - 7 sq. mtr. / ltr. / coat (Depends upon the atmospheric conditions, application skills)

Mixing Ratio (Base to Hardener) : 4 : 1 (By volume)

Pot life @ 25°C : 45 - 60 minutes

Tack free @ 25°C : 6 - 8 hrs.

Full cure : 7 days

Further Workability : After tack free

Shelf life : 6 months

Thinner : ET - 1

Cleaner : CT - 1

APPLICATION DETAILS

Apply one or two coats of **ARCOMEDIATE MIO** after tack free of coating with proper mixing ratio to give a thickness about 75 - 125 microns / coat.

Scope

Especially formulated to extend the life of protective coating in aggressive environments, to increase the coating thickness with improved adhesion, mechanical and chemical properties.

P.S. : Chemical resistance data is available on request.



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