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.

A name in the making of Colours & Coatings
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

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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