

# ALEX MIO



## Micaceous Iron Oxide Polyamide Cured Epoxy.

### Description

**ALEX MIO** is two components, high build polyamide cured epoxy finish, pigmented with micaceous iron oxide.

### Uses

- Used as a high build coating.
- Used as finish in systems for steel substrates.
- Can be used in anti corrosive systems for atmospheric or water immersed exposure conditions.

### Advantages

- Good chemical resistance.
- Easy to apply.
- Good corrosion resistance.
- Paint film contains 90% zinc by weight.
- Resistance to temperature up to 200°C.
- Tough hard wearing film.
- Good abrasion resistance.

### Surface preparation

- All surfaces must be sound, clean free from water oil ,grease and other contaminants.
- Remove zinc salts and any contamination.
- Steel blast cleaned to ISO-SA 2 ½ minimum.

### Properties

Colour	Grey	
Pot Life	3 hours	20°C
	2 hours	35°C
Density	1.5 g/cm <sup>3</sup>	
Solid volume	65%	
Dry film thickness	75-150µm	
Touch dry	4 hours	
Flash point	27°C	
Full cure	7 days	20°C
	4 days	35°C
Re-coating interval	minimum 16 hours	

### Guide to application

#### **Mixing:**

- Mixing ratio by weight:  
base to hardener 8:1
- To obtain application viscosity the paint temperature should be above 15°C, otherwise extra thinner may be required.

#### **Application:**

- Thinner should only be added after proper mixing of the component.
- Brush, roller or spray can be used for painting.

Volume of thinner		
	Airless Spray	Air Spray
Nozzle size	0.48 mm	2.30 mm
Nozzle pressure	15Mpa(2100psi)	0.4Mpa(60psi)

**Coverage:**

6.50 m<sup>2</sup>/ lit @ 100 micron D.F.T

**Packing:**

Is supplied in 5kg &20 kg.

**Shelf life:**

Up to 12 months if stored in unopened Containers according to the manufactured Instructions.

**Guarantee:**

All precaution is taken in manufacture of each product to comply with the standard of each material.

The data sheet for each product for information only and may be corrected and no liability is accepted for it.

The results may have variation because the method of their use condition under which they are applied cannot be anticipated.

**Technical Service:**

For any technical advice for using the **ALEXCHEM** contact the technical office.

**Safety precautions:**

- Avoid contact with eyes, mouth, and skin.
- Treat splashes to skin and eyes immediately,
- If accidentally ingested seek medical attention.
- Product is flammable.

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