



# CM EX9000 MICACEOUS IRON OXIDE

Product Code : CM MIO 0001/0002/0003

## Product Descriptions

CM EX9000 Micaceous Iron Oxide is an alkyd based coating pigmented with micaceous iron oxide. It can be used as a high build primer/intermediate/finishing paint utilising the flake-like shape of the micaceous iron oxide pigment to resist the passage of water.

## Recommended Uses

CM EX9000 Micaceous Iron Oxide offers a good protection when used as a primer or finish. It is more widely used as an intermediate coat over a chemically-acting zinc phosphate anti-corrosive primer. This type of coating is often used by specifying authorities when long life maintenance free systems are required. For examples, off-shore installations, bridges, harbour installations, drilling rigs, electricity transmission towers, off-shore platforms, facilities and containers, pipelines, refineries, road and railway bridges, storage tanks, transformers, water and wastewater facilities, etc.

## Product Characteristics

### Composition:

<b>Pigment</b>	Micaceous Iron Oxide, Aluminium Paste, Pigments
<b>Binder</b>	Phenolic Resin Modifier
<b>Solvent</b>	Mainly aliphatic hydrocarbon
<b>Volume Solid</b>	70%±

### Properties :

<b>Colour Range</b>	Silver ref:0001 Dark Grey ref: 0002 Grey Black ref: 0003
<b>Texture</b>	Low Gloss
<b>Shelf life/Storage</b>	Use within 24 months of delivery. Keep in original containers until required for use. Partly used containers should be re-sealed securely and stored according to the recommended manner.
<b>Standard Packing Size</b>	5 Litres *Other Sizes by special arrangement.

### Typical Performance Data (approx.):

<b>Coverage</b>	Approximately 8-10m <sup>2</sup> per litre *Actual coverage is dependent on substrate condition. *These figures do not include wastage.
<b>Recommended no. of coats</b>	1-2 coats

<b>Drying time (Application Temperature 25'c to 30'c)</b>	Touch Dry: 1 Hours
	Hard Dry : ≥ 4 Hours
	Dry to overcoat : ≥ 16 Hours
<b>Recoating Interval</b>	≥ 16 Hours

## Directions for use

### Preparation:

All surfaces must be clean, dry, free from grease and free from all defective or poorly adhering material. Abrade the surfaces with sandpaper if necessary.

### **Metal**

#### a) **bare steel**

1. Ensure surface is sound, clean, dry and smooth.
2. If a high standard of protection is required on bare steel, first apply one coat of **CM EX 9000 Self Etch Primer** to the bare metal surface before painting with Micaceous Iron Oxide.
3. The application of one coat of undercoat and then two coats of gloss enamel paint will give a paint system that will last for many years.

### Application:

- 1) Brush/Roller : The paint is ready to use after thorough stirring. Thin 10% **CM 202 thinner** by volume if necessary.
- 2) Compressed Air Spray: Thin 10-20% **CM 202 Thinner** by volume as necessary.
- 3) Airless Spray: Thin 5% **CM 202 thinner** by volume if necessary.

### Health, Safety and Environmental information:

It is advisable to wear eye protection when applying paint.

In case of contact with eye, immediately flush eyes with plenty of water for at least 15 minutes and seek medical advice.

In case of contact with skin, immediately flush skin with plenty of water and soap while removing contaminated clothing and shoes and seek for medical advice.

Keep containers tightly closed and out of reach from children. Paints should always be stored in a cool place.

Containers that are opened should be properly released and keep upright to prevent leakage.

When transporting paint, care must be taken. Always keep container in a secure upright position.

Wastes and empty containers should be treated and disposed of in accordance with national and local regulations.

## Disclaimer

The above information is for guidance only. It is given in good faith but without warranty. Users should first carry out their own trials to ascertain the suitability of the product for their intended purpose.

This Data Sheet supersedes all previous Data Sheets supplied to you relating to this product. It contains important information which must be communicated to the user. The user must satisfy himself of the suitability of the product for the intended application and surface, as surface and application conditions are beyond the control of CM Paints (M) Sdn. Bhd. . The user must also satisfy himself of the suitability of the product in circumstances other than those set out in this data sheet. The user should also maintain appropriate control procedures. Should further information be required, please contact our Technical Department.