



# MICACIOUS (MIO) IRON OXIDE

## Alkyd Metallic Primer

**MICACIOUS IRON OXIDE** is alkyd based Micaceous Iron Oxide which provides excellent resistance to atmospheric pollution, high humidity and mild chemical fume attack. It has excellent adhesion on steel. Suitable used for protection of interior and exterior steelwork where the main usages include bridges and general use in factories, metal railing and gates.

Recommended Use: MICACIOUS IRON OXIDE suitable used as primer / topcoat on general Steel work. Topcoat with TOA Glipton may achieve the desired colour.

### Technical Information

Finish	Low sheen with metallic appearance
Vehicle type	Solvent based
Colour	Silver, Dark Grey, Grey Black
Viscosity	60 – 70KU
Flash Pont	12°C
Specific Gravity	1.20 – 1.25
Water Resistance	Excellent
Chemical Resistance	Resistant to mild fume attack
Shelf Life	24 months

### Application Details

Application methods	Brush, roller or air spray
Mixing Ratio (by volume)	The paint is ready for use after thorough stirring. For conventional air spray, 30% thinning is recommended
Pot Life	NA (single pack)
Thinner / Cleaner	Turpentine
Dry to Touch	20 to 30 minutes
Dry to Overcoat	2 hours (maximum indefinite)
Theoretical Spreading Rate	9 – 10 m <sup>2</sup> / Litre
Recommended Dry Film Thickness (dft)	12 – 15μ

## Surface Preparation

### Steel

Solvent wipe the surface to be painted with suitable degreasing agent to remove oil, grease or other contaminants such as 'white rust / zinc salts', etc.

Touch up the aged/spot rusted galvanized iron with TOA Rust Tech or cold galvanizing compound and ensure the surface is dry and clean before painting.

Ensure all steel surfaces are free from dirt, dust, oil, grease or other contaminants prior to application of following paints.

## Typical Painting System

### Substrate

Steel

### Etching Primer (1coat)

MIO Iron Oxide

### Finishing Coat (2 coats)

Glipton for desired colour

## Storage & Packaging

Storage

The product must be kept in a cool and well ventilated place protected from direct sunlight

Container must be tightly sealed

Handling

Handle with care. Stir well before use

Packing size

5 Litres

## Safety Precaution

This product is flammable; keep away from the sources of ignition and do not smoke.

Avoid contact with skin and eyes. It is advisable to wear eye protection while painting. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Keep container closed when not in use. Provide good ventilation during application.

Do not empty into drains or water sources.

**Keep out of reach of Children.**

**Disclaimer:** *The above information is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything but the quality of the product itself. We reserve the right to change the given information without prior notice.*