

## STANDARD MIO PRIMER

### PRODUCT DESCRIPTION

A phenolic modified alkyd coating containing micaceous iron oxide which provides toughness and abrasion resistance on industrial structures. The medium build coating is an effective primer/intermediate barrier to give maximum protection on exposed steel work.

### USES

Ideal for bridges, tank exteriors, castings, steel fabrications and industrial structures as a primer/intermediate coating which can be overcoated with conventional alkyd top coats.

### TECHNICAL PROPERTIES

<b>Colour</b>	Silver, Light Grey, Dark Grey, Green, Red Oxide		
<b>Finish</b>	Slight Sheen Metallic		
<b>Curing Agent</b>	n/a		
<b>Mix Ratio</b>	n/a		
<b>Specific Gravity</b>	1.39		
<b>Volume Solids</b>	42%		
<b>Recommended Film Thickness</b>	120µm WFT / 50µm DFT		
<b>Theoretical Spreading Rate</b>	8 m <sup>2</sup> /litre		
<b>Application Method</b>	Brush, Roller, Spray		
<b>Flash Point</b>	39°C		
<b>VOC</b>	450 g/litre		
<b>Drying Times</b>	<b>10°C</b>	<b>20°C</b>	<b>30°C</b>
Touch Dry	5 hours	3 hours	2 hours
Hard Dry	9 hours	7 hours	5 hours
Minimum Overcoat	24 hours	24 hours	18 hours
Maximum Overcoat	Indefinite	Indefinite	Indefinite

### CERTIFICATION/APPROVALS

#### RECOMMENDED SYSTEMS

Hi-Dur ZP Primer, Hi-Dur PU100 Finish, Coloured Solution

### SURFACE PREPARATION

Ensure surfaces are clean, dry and free from dirt, grease and other contamination. Prime blasted steelwork with Hi-Dur ZP Primer before application of MIO or apply Standard MIO Primer direct to pre-treated steel.

## PRODUCT APPLICATION

<b>Mixing</b>	Stir well before use.
<b>Thinners</b>	Thinner No.3
<b>Brush</b>	Do not thin. Apply 1 – 2 coats as required.
<b>Roller</b>	Do not thin. Apply 1 – 2 coats as required.
<b>Conventional Spray</b>	Thin up to 10% Thinner No.3 Use 40-50 psi pressure and 1.4-1.8 mm diameter nozzle.
<b>Airless Spray</b>	Thin with max. 5% Thinner No.3 Use tip 0.38-0.53 mm, 50-65° angle and 2000 psi pressure.
<b>Air Assisted Airless Spray</b>	Thin up to 10% Thinner No.3 Use 1000-1800 psi pressure and 1.4-1.8 mm diameter nozzle.
<b>Cleaner</b>	Thinner No.3
<b>Cleanup Considerations</b>	All equipment should be cleaned immediately after use with Thinner No.3 It is advisable that equipment should be cleaned/flushed during the course of application, the frequency of which will depend on the volume of material used and timescale over which applied. Ensure all waste materials (including packaging) are disposed of in accordance with local regulations.

## HEALTH, SAFETY & ENVIRONMENTAL

This product must be used in accordance with the Material Safety Data Sheet supplied by Spencer Coatings Limited.  
The user must observe local health, safety and environmental regulations when using this product.  
Consult Spencer Coatings Limited if there are any concerns over the suitability of this product.

## PACK SIZES

5 litre.

## PACK WEIGHTS

5 litre: 6.95 Kg.

## STORAGE CONDITIONS

Store away from extremes of temperature. Shelf life 12 months in unopened tins.

## LIMITATIONS

Do not apply when RH exceeds 88% or the surface is less than 2°C above dew point.  
Drying will be affected in cold conditions.

## DISCLAIMER

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It is the user's responsibility to ensure that this sheet is current prior to using the product.