

## 01.55B

# Epoxy Zinc Primer Red Oxide

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### PRODUCT DESCRIPTION AND USES

A zinc pigmented quick drying epoxy primer for grit blasted steel which is highly weather resistant and will protect against corrosion for extended time periods. Can be used as a shop primer or holding primer and may even be left without a topcoat in areas inaccessible after fabrication. This product is also recommended for use in container systems.

It can be overcoated by a wide range of systems including: 1.58 Hi Build Epoxy Primer Undercoat, 1.99 Epoxy Primer Undercoat, 2.11 Epoxy Tar PA, 3.43 Polyurethane Gloss and 4.60 Epoxy Finish. However avoid a first coat that contains materials which react with zinc e.g. drying oils.

Apply one coat @ 55 microns.

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### PHYSICAL PROPERTIES

Colour/Texture	Red Oxide (also available in Grey)
Volume Solids	4.5 %
Product Density	2.4 kg/litre
Mixing Ratio	Volume Mix 3 parts Base to 1 part Hardener
Potlife	20 hours
Drying Time (25°C)	Touch Dry: 1.0 minutes Hard Dry: 4 hours
Recoat Time (25°C)	Minimum: 4 hours Maximum: Unlimited
Flash point	>22°C

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### SURFACE PREPARATION

Surfaces should be free from grease and salt, and should be dry before grit blasting to Sa 21/2 or better, paying particular attention to welds and cut areas to ensure no dirt is left on the steel. Apply 1.55 Epoxy Zinc Primer Red Oxide as soon as possible after surface preparation.

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### APPLICATION DATA

1.55 Epoxy Zinc Primer Red Oxide is designed for application by spray (either conventional or airless) but small areas may be touched up by brush. Ideally, can be used with automatic spray in shop priming plant.

Airless spray	Line Pressure: 120-150 Bar Tip Size: 0.331-0.381mm Fan Angle: 60-80°
Recommended D.F.T	55 microns
Recommended W.F.T	120 microns
Theoretical Spreading Rate	8m <sup>2</sup> /litre
Thinners/Cleaners	Brushing: 9.03 Transmarine Brushing Thinners Spraying: 9.04 Transmarine Spraying Thinners

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## HEALTH AND SAFETY

### Irritant

Avoid contact with skin and eyes. Avoid breathing vapour or sanding dust. When using this product it is recommended that full overalls, gloves, face mask and goggles be worn. Store container in a safe place when not in use. Do not burn container.

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## FIRST AID

### EYES

Flush with water for at least 15 minutes and seek medical advice.

### SKIN

Wash contact areas with soap and water. Remove all contaminated clothing, and seek medical advice. Do not scrub.

### INHALATION

Remove patient from further exposure, and keep patient warm and comfortable.

### INGESTION

Do not induce vomiting. Rinse mouth with water. Seek medical advice as soon as possible.

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## TRANSPORTATION AND DISPOSAL

### Class

3

### Hazchem Code

•3YE (3); •3Y

### UN No

1263

### Packing Group No

III

### Fire Extinguishing Media

CO<sup>2</sup>, Foam, Dry Chemical

### Fire Fighting Procedure

Fire fighters should wear self contained breathing apparatus. Fight fire from a protected location as product may explode on heating. The vapours are heavier than air, so may travel along the ground to accumulate in low areas. Fire may flash back along vapour trail, and can also react with oxidising agents.

Spills should be cleaned up immediately by using sand or other non-flammable absorbent materials. Ensure material does not enter waterways.

Dispose of empty containers in accordance with local by laws.

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## OTHER INFORMATION

This product may be used for a wide variety of surfaces. If the surface you propose to paint is not referred to, contact Protective Paints Technical Department for classification.

For further technical information please phone 0800 724 684.

## RELIABILITY OF INFORMATION

All statements and technical information contained herein are based on tests we believe to be reliable but the accuracy thereof is not guaranteed. Since Protective Paints Ltd has no control over product application, purchasers and users must confirm the suitability of our products under their conditions to meet their own requirements.

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