

# TECHNICAL DATA SHEET



## 1. DESCRIPTION

**Product Name:** Aftek Zinc Rich Primer

**Overview:** A one pack zinc rich primer giving protection based on an extremely durable epoxy resin and sacrificial zinc pigment.

**Uses:**

- For long term protection of steel surfaces against rust and corrosion.
- Can be used in the most severe of corrosion inducing conditions.
- Designed for exterior use such as on roofs, handrails, balustrading, gates and wrought iron.
- Also used for touchup of galvanised and zinc-alum surfaces and touchup after welding.

## 2. PRINCIPAL CHARACTERISTICS

**Suitable Substrates:**

- Designed for exterior use such as on roofs, handrails, balustrading, gates and wrought iron.
- Also used for touchup of galvanised and zinc-alum surfaces and touchup after welding.

**Durability:** Highly durable and may be used as a primer and finish coat in one or top-coated if desired.

**Application Method:** Aftek Zinc Rich Primer is best applied by brush, roller or spray.

## 3. COLOURS AND FINISHES

**Colours:** Grey

**Finish:** Matte Finish

## 4. BASIC DATA

**Surface Dry:** 30 minutes.

**Recoat:** 4 hours @ 25°C.

**Coverage per Coat:** Apply 2-4 coats to achieve 75 micron Dry Film Thickness when left bare, or 2 coats to achieve 25 micron Dry Film thickness when over-coating with a suitable top-coat.

- 5.5 m<sup>2</sup>/L at 75 micron Dry Film Thickness
- 8.2 m<sup>2</sup>/L at 50 micron Dry Film Thickness
- 16.5 m<sup>2</sup>/L at 25 micron Dry Film Thickness

**Zinc Content:** 85% of dry film.

**VOC:** Less than 250 grams per litre VOC.

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## 5. RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURE

- Suitable Substrates:**
- Designed for exterior use such as on roofs, handrails, balustrading, gates and wrought iron.
  - Also used for touchup of galvanised and zinc-alum surfaces and touchup after welding.

**Application Temperature:** Aftek Zinc Rich Primer should be applied when the temperature is between 10°C and 30°C and if outside no rain is forecast for the next 24 hours.

## 6. INSTRUCTIONS FOR USE

**Surface Preparation:** Surfaces should be free of rust, scale and dirt. Remove rust by grinding, sanding or wire brushing. Treat any remaining rust with a suitable deoxidiser or chemical rust remover. Clean surface with a solvent degreaser.

**Application:** Stir well before use. Apply direct to the bare metal. Do not apply over rust converter or any other coating. Apply 2-4 coats to achieve minimum dry film builds of 75 micrometres when used as a sole coating and 25 micrometres when a topcoat is to be applied.

**Thinning and Cleanup:**

- Not required for rolling or brushing.
- 2. For spraying, thin at 30-40% with *Aftek Epilox Thinners Thinner* or *Mineral Turps*. Use a conventional gun with air pressure at 350-400 kPa. Because the heavy Zinc pigment tends to settle after thinning, it is advisable to restir by shaking the spray-gun occasionally.

**Coverage:**

- 5.5 m<sup>2</sup>/L at 75 micron Dry Film Thickness
- 8.2 m<sup>2</sup>/L at 50 micron Dry Film Thickness
- 16.5 m<sup>2</sup>/L at 25 micron Dry Film Thickness

(depending on surface and method of application).

**Drying:** Touch dry after 30 minutes at recommended application conditions. Recoat after 4 hours.

**Cautions:** Provide adequate ventilation in enclosed areas during application and until fully dried.

**Emergency Procedures:**

**Small spills** - Collect in a container for disposal via licenced trade waste collection.

**Large spills** - Wear appropriate personal protective equipment and clothing to minimise exposure. Increase ventilation. Evacuate all unnecessary personnel. If possible contain the spill. Place inert absorbent material onto spillage. Use clean non-sparking tools to collect the material and place into a suitable, labelled container. Do not dilute material but contain. Dispose of waste according to Federal, State, Local and Environmental Protection Authority regulations. If the spilled material enters the waterways, contact the Environmental Protection Authority.

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## 7. SAFETY DATA

For comprehensive safety data refer latest Aftek MSDS [document: ACT 611 Aftek Zinc Rich Primer] available at [www.aftek.com.au](http://www.aftek.com.au) or by request from Tradepaints (03) 9369 3455.

## 8. ADDITIONAL INFORMATION

**Pack sizes:** - 1 Litre cans

<b>DISCLAIMER:</b>	This information is based on data believed by RLA Group Pty Ltd to be accurate at the time of writing but subject to change without notice. No warranty is expressed or implied as to its accuracy or completeness. Since RLA cannot control the conditions under which this product is used, it will not accept any responsibility for any damages from the use or reliance on this information.
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