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# ARDEX BR 10 ZP

## Single-part, Zinc-rich Primer

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Single-part – Easy-to-apply

Designed for long-term, extra heavy-duty corrosion protection

Fast cure, allowing quick turnaround for concrete repairs

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# ARDEX BR 10 ZP

## Single-part, Zinc-rich Primer

### DESCRIPTION

ARDEX BR 10 ZP is a zinc-rich, cold galvanising primer for long-term, extra heavy duty corrosion protection. Designed to prevent corrosion through galvanic protection by forming a protection barrier, encapsulating the metal in a zinc film. Ideal for use in highly corrosive environments such as coastal regions on all structural steelwork. ARDEX BR 10 ZP will react on ferrous metals to replace damaged surfaces and provide a protective barrier.

### AREAS OF APPLICATION

Suitable for internal and external applications. Recommended as a primer for structural steel tanks, bridges, cranes, wharfs and shore installations equipment in industrial and marine environments. For use on all structural steelwork. Dry film heat resistant to 200° C.

### SURFACE PREPARATION

Mild steel, remove all mill scale and rust by shot blast cleaning. Where shot blast cleaning is not possible, use suitable abrasive power tools to clean the surface. Remove all traces of dirt, dust, grease and all contamination from the surface prior to application of ARDEX BR 10 ZP. Prepare and coat section by section to achieve best results. Surface is to be coated immediately after preparation.

Note: Cooler temperature, higher film thickness, or higher humidity conditions will lead to longer drying times. Do not apply when surface temperature is below 10° C or above 35° C

### APPLICATION

Stir contents thoroughly using a flat stirrer before and during use. Apply one coat evenly by brush, roller or spray after proper surface preparation. Avoid over-brushing and rolling as the ARDEX BR 10 ZP is quick drying. Allow ARDEX BR 10 ZP to dry for at least 16 hours before application of undercoat and finishing product. Note: For best results, prepare, prime and finish section by section to avoid prolonged exposure to the elements.

### Pay attention to the following

Do not apply in environments of high humidity/ moisture, or if pending rain is a possibility. Apply in calm fine weather conditions and only during daylight hours. Provide adequate ventilation during use. Keep out of reach of children. Apply a test sample for compatibility of this product over a small test area. Highly flammable, Dangerous Goods Class 3.2, Flash Point 320 C, UN 1263, PG III. Keep away from heat and flame, eliminate any source of ignition. Soak all used cloths and rags immediately in water to prevent self-ignition. Ensure container is upright with lid secure. Ensure the container is secured in the vehicle for transport. Do not wash painting equipment and allow waste to enter drains and water ways. Do not dispose of unwanted paint and thinners that will enter drains and water ways. Refer to state / local EPA and council web sites for environmental and safe disposal details.

### SHELF LIFE

ARDEX BR 10 ZP has a shelf life of 12 months when stored in the original unopened packaging in a dry place at 23°C and 50% relative humidity.

### PACKAGING

ARDEX BR 10 ZP comes in a 1L metal pail.

### SAFETY DATA

This product is a highly flammable liquid and vapour. Harmful if swallowed, Harmful in contact with skin. Harmful if inhaled. Causes skin and eye irritation. Very toxic to aquatic life with long lasting effects. Wear protective gloves, clothing, eye and face protection. Avoid inhaling dust/ fume/ gas/ mist/ vapours/ spray. Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking. Use only outdoors or in a well-ventilated area. Keep cool. Store locked up. Dispose of contents/ container in accordance with local regulations.

### FIRST AID

In case of contact with the eyes rinse with running water (15mins). Take off contaminated clothing and wash before reuse. Call the Poisons Information Centre on 131 126 (AUS) and 0800 764 766 (NZ) or call a doctor if you feel unwell. Additional information is in the Safety Data Sheet (SDS) at [www.ardexaustralia.com](http://www.ardexaustralia.com)

## TECHNICAL DATA

<b>Colour</b>	Grey
<b>Toxicity</b>	Dry film is not toxic
<b>Thinning &amp; Clean Up</b>	Mineral Turp. Do not exceed 10% thinning.
<b>Theoretical Coverage *</b>	9m <sup>2</sup> /litre depends on surface profile
<b>Drying Time (at 25 C &amp; RH 60%)* *</b>	Touch dry: 30 mins * * Recoat: 16 hours * *
<b>Gloss Level</b>	Matte

\*Practical coverage depends on surface profile, method of application and dry film thickness. Higher film thickness leads to lower coverage. \*\* Cooler temperature, higher film thickness, or higher humidity conditions will lead to longer drying times.

### DISCLAIMER

The technical details, recommendations and other information contained in this data sheet are given in good faith and represent the best of our knowledge and experience at the time of printing. It is your responsibility to ensure that our products are used and handled correctly and in accordance with any applicable Australian Standard, our instructions and recommendations and only for the uses they are intended. We also reserve the right to update information without prior notice to you to reflect our ongoing research and development program. Country specific recommendations, depending on local standards, codes of practice, building regulations or industry guidelines, may affect specific installation recommendations. The supply of our products and services is also subject to certain terms, warranties and exclusions, which may have already been disclosed to you in prior dealings or are otherwise available to you on request. You should make yourself familiar with them.

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