



ARDEX BR 10 ZP

Single-part, Zinc-rich Primer

Single-part – Easy-to-apply

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

Fast cure, allowing quick turnaround for concrete repairs

ARDEX Australia Pty Ltd

20 Powers Road
Seven Hills NSW 2147
1300 788 780
technicalservices@ardexaustralia.com
www.ardexaustralia.com

ARDEX New Zealand Ltd

15 Alfred Street
Onehunga, Auckland 1061
0800 227 339
info@ardexnz.com
www.ardex.co.nz

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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 2000° 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 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 100° C or above 350° 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 BR 10 ZP is quick drying. Allow 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

Flammable liquid and vapour. Harmful when in contact with skin and if inhaled or swallowed. Repeated exposure may cause skin dryness and cracking. Causes eye and skin irritation and may cause serious eye damage. May cause drowsiness or dizziness. May cause respiratory irritation. Do not release into the environment, very toxic to aquatic life with long lasting effects. Keep away from heat/sparks/open flames/hot surfaces – No smoking. Wear protective gloves, clothing, eye and face protection. Avoid inhaling dust/fumes/gas/mist/vapours/spray. Ensure adequate ventilation during mixing and application. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. In case of contact with the eyes rinse with running water until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Call the Poisons Information Centre on 131 126 (AUS) and 0800 764 766 (NZ) or call a doctor if you feel unwell or if swallowed. Do not induce vomiting.

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Check with your local Council regarding the disposal of contents and packaging. Keep out of the reach of children. Additional information is in the Safety Data Sheet (SDS) at www.ardexaustralia.com

TECHNICAL DATA

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

GUARANTEE

ARDEX Australia Pty Ltd ("we" or "us") guarantees this product ("our goods") is free from manufacturing defects and will perform to any applicable specification published by us for 10 years from the date of purchase. Our liability under this guarantee is limited at our option to replacement of the product, repair of any damage to the immediate surface or area of application of the product, or compensation, in each case if we are satisfied loss or damage was due to a breach of this guarantee. This guarantee does not apply if damage or loss is due to failure to follow published instructions or any act or circumstance beyond our control, including shade variations and efflorescence. If you wish to make a claim under this guarantee you must notify us (ARDEX Australia Pty Ltd, 20 Powers Road Seven Hills NSW 2147; Toll Free: 1800 224 070; Email: technicalservices@ardexaustralia.com) and provide evidence of your purchase of the product within 30 days of any alleged loss or damage occurring. We reserve the right to ask you for satisfactory evidence of any alleged loss or damage. Any claim under this guarantee is at your cost. This guarantee is in addition to any rights or remedies you may have as a "consumer" under the Australian Consumer Law and to that extent you need to be aware that: "Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss of damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure".

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 Standards. Our instructions and recommendations are 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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