



Bondall PTY LTD  
ACN: 008 734 096  
ARS: 27 008 734 096

113 Belmont Ave  
Belmont WA 6104

PO Box 111  
Cloverdale WA 6985

P: 08 9277 6844  
F: 08 9277 4066

bondall@bondall.com  
www.bondall.com

## EPOXY PREP SURFACE CONDITIONER

### DESCRIPTION

Bondall Epoxy Prep Surface Conditioner has been specifically formulated as a waterproofing substrate conditioner prior to applying Bondall's range of products, namely Aquatite, Pondtite, Terratite, Polyurethane Paving Paint, Decorative and Architectural Paints and Coatings. It can also be used as a water vapour barrier coating prior to laying floor coverings such as carpets, timber flooring, tiles etc.

### FEATURES AND BENEFITS

Bondall Epoxy Prep Surface Conditioner is environmentally friendly and is the ultimate water borne epoxy coating system available prior to using the Bondall range of water based liquid applied waterproofing membranes and conventional paints.

Its intended uses include but are not limited to the following:

- Bondall Epoxy Prep is the ultimate surface conditioner to be applied to surfaces that are less than desirable prior to applying Aquatite, Pondtite or Terratite.
- Bondall Epoxy Prep is a barrier against rising damp especially in installations where there is uncertainty of the use of polyethylene builder's films or where there is a chance or a known source of continued renewable moisture causing osmotic pressure, prior to applying Aquatite, Pondtite or Terratite or conventional paint systems.
- Bondall Epoxy Prep is excellent for stabilising dust and loose surfaces prior to applying conventional paint systems or other toppings or coverings such as tiles or carpets.
- Bondall Epoxy Prep can be used as a tie-coat (intermediate coat) when Aquatite, Pondtite or Terratite or other conventional paint system is applied to surfaces previously coated with bitumen based coatings.
- Bondall Epoxy Prep can be applied to harden green concrete or damp concrete prior to applying Aquatite, Pondtite, Terratite or other conventional paint systems. Typically allow newly poured and laid concrete to cure for between 8 to 12 hours prior to applying Bondall Epoxy Prep.
- Bondall Epoxy Prep has tenacious adhesion to brick, concrete, cement render, masonry, masonry blocks and compressed fiber-board/sheet and subsequent coatings.
- Bondall Epoxy Prep can be applied to damp substrates prior to application of conventional paint systems, timber flooring, tile adhesives or carpet.
- Bondall Epoxy Prep can be over coated with cementitious products after curing ie. tile adhesives or floor toppings.



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## SURFACE PREPARATION

Careful surface preparation prior to the application of any coating system is the key to a successful job, longevity and performance. All surfaces to be coated must be clean and sound. Remove all loose and flaking material from previously coated surfaces. This can be achieved by using a wire brush or by the use of a high-pressure water jet. In situations where moss, mould or mildew is present, remove all loose particles with a stiff brush. Apply Bondall Moss and Mould Terminator and leave for 24 hours. Rinse well by using running water and stiff broom/brush or by using a high-pressure water jet.

**New Concrete:** On new concrete surfaces, it is imperative that all laitance and/or contaminants are removed that may affect adhesion of the Bondall Epoxy Prep.

Where surface may be contaminated with oil, use Bondall Driveway Degreaser and a stiff brush followed by a rinse with clean water or use a high-pressure water jet.

## MIXING DIRECTIONS

Bondall Epoxy Prep is supplied in two parts; a Resin part and a Hardener part.

Each part (Resin and Hardener) must be mixed for at least two minutes before use (clean mixing tool prior to mixing next component to avoid contamination and possible reaction between two components).

Pour equal volumes of Resin and Hardener into a clean container.

Thoroughly mix the two components until a homogenous blend is obtained. Mix continuously for 5 minutes using a broad flat paddle by hand or 3 minutes using a mechanical mixer. Avoid aeration – as mixing too fast may entrap air into mix, which may lead to pin holes in the coating.

Allow to stand for between 5-10 minutes before use if temperature is above 20°C, or, between 10-20 minutes before use if temperature is below 20°C. The hotter the temperature the shorter the reaction or its induction time, and is critical for the product to work properly. Bondall Epoxy Prep is now ready for use.

## MIXING DIRECTIONS

Pot life is very dependent on the temperature of the resin and hardener at the time of mixing. Keep the product out of direct heat and sun and keep it as cool as possible to extend the useful working time. The typical pot life of Bondall Epoxy Prep is as follows:

2 hours at 25°C/50% relative humidity or shorter. 1 hour at 35°C/50% relative humidity. Use the product within the time. You will notice a difference in the consistency of the product once its effective working time is reached.

**DO NOT APPLY AFTER THIS TIME EVEN IF THE PRODUCT LOOKS SATISFACTORY- IT WILL HAVE TO BE DISCARDED. SO, ONLY MIX ENOUGH FOR IMMEDIATE USE.**



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## APPLICATION

Ensure surface is damp or dampen thoroughly with clean water prior to applying first coat. It is recommended to wet the surface of dry concrete and porous substrates with a mist of water prior to application. Not dampening down dry surfaces will result in the first coat pin-holing.

Apply good thick coats using brush or roller. (Conventional spray methods can be use; however we would not recommend using spraying methods for the handyman)

### RECOAT AND CURING TIMES:

Recoating can normally take place after no less than 4 hours at 25°C/50% relative humidity. Overnight if it is cold.

Apply Bondall Aquatite, Pondtite or Terratite and other conventional paint systems or toppings after at least 8 hours or the next day.

## COVERAGE

The following are intended only as a guide as variations may take place due to application technique, actual surface porosity and profile.

Smooth Surface:	1st coat	Typically 3 square metres per litre
	2nd coat	Typically 5 square metres per litre
Rough Surface:	1st coat	Typically 2.5 square metres per litre
	2nd coat	Typically 4 square metres per litre

## THINNING

Not recommended

## GLOSS LEVEL

Not applicable.

## CLEAN UP

Equipment can be cleaned immediately after use with warm soapy water. When using Bondall Epoxy Prep it is easier to use disposable brushes and roller covers than cleaning up after the job is completed. If good quality brushes or roller covers are used, wash thoroughly in warm soapy water and finally rinse in clean water. Always dispose empty packaging in a responsible manner and according to local regulations. Please do not pour washings down sink, drains or waterways.



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## COLOUR

light green/aqua

## SIZES

2 Litre and 4 Litre packs

## PRECAUTION/FIRST AID

Bondall Epoxy Prep is a safe product to use; however, it is advisable to avoid contact with skin and eyes. Wear protective gloves and eye protection whilst mixing, application and cleaning. If poisoning occurs contact Poison Information Centre on 13 11 26. If swallowed, DO NOT INDUCE VOMITING. Give a glass of clean water to drink and seek medical attention. If skin contact occurs remove contaminated clothing and wash skin thoroughly and seek medical attention if irritation occurs. If in eyes, hold open, flood with water for at least 15 minutes and seek medical attention

A Material Safety Data Sheet for this product is available upon request.

For any further assistance please do not hesitate to contact Bondall Advisory Hotline on 1800 810 123 or by email: [bondall@bondall.com](mailto:bondall@bondall.com) or visit our web site on: [www.bondall.com](http://www.bondall.com)

## DISCLAIMER

The information contained here is given in good faith and is intended to be of assistance to users. The performance of this product is dependant upon its correct preparation, application onto a sound surface and attention to the instructions on the label. The wide variety of surface conditions makes it impossible for the company to assume liability for any loss, consequential or otherwise, arising from the use of this product. Should the product be found defective our liability shall be limited to the replacement of the product only. We reserve the right to amend specifications and application techniques without prior notice.

For further advice please contact the Bondall Building and Renovating Service on 1800 810 123 or (08) 9277 6844



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