



# BondCrete

Revised 2018

## Description

Bondall BondCrete is a very versatile sealing and bonding agent, used widely in the building and renovating industries. Some of BondCrete's many uses includes:

Toppings & repairs; rendering & plastering; tile fixing & grouting; sealing, binding & dustproofing; carpentry joinery & general craftwork; and decorative finishes.

## Feature & Benefits

- BondCrete the proven performer has evolved since 1951 into the most versatile bonding and sealing agent available.
- BondCrete contains an exclusive resin additive ensuring maximum bonding strength.
- BondCrete is so strong there is seldom any need to hack, chip or acid etch the surface before bonding.
- BondCrete is a concentrated high solid product, which in most cases provides a high dilution ratio, ensuring the customer gets value for money.

## Surface Preparation

- Before applying BondCrete ensure that surface is free of dirt, dust, oil, grease and loose or flaking materials.
- Do not use BondCrete in wet or damp areas unless it is mixed and used in conjunction with cement.
- Bondcrete is not intended to be exposed to water, moisture or dampness,
- Do not use BondCrete in temperatures below 10 ° C.
- BondCrete is not recommended for bonding of plastic and rubber.

## Application

### \* CARPENTRY, JOINERY & GENERAL CRAFT WORK:

Apply direct from container to one surface only. Press surfaces together and lightly clamp. BondCrete sets in approx 30 minutes. Max strength is attained in 12 hours

### \* PRIMING AND SEALING PRIOR TO PAINTING:

One sealing coat of diluted BondCrete (BondCrete1: water 4) will provide an excellent sealer or key when applied to new

or old cement rendered walls, plaster etc. before using water borne decorative paints (see paint manufactures instructions).

Allow 24 hours to dry. Do not attempt to apply oil-based paints over BondCrete.

### \* DUST PROOFING AND/OR REPAIRING OIL PENETRATING OF INTERIOR CONCRETE FLOORS:

To a clean floor apply a sealing coat of diluted BondCrete (BondCrete 1: water 6) by brush, roller or spray. Leave to dry for approximately 12 hours. Apply another sealing coat with a dilution of BondCrete (BondCrete 1: water 4), allow to dry. Please Note: do not seal floor with BondCrete if you intend to use an oil-based paving paint or similar floor coating system. For exterior use, apply Bondall Paving & Concrete Sealer. Bondcrete is not intended to be exposed to water, moisture or dampness.





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## Application

### \* TOPPINGS RENDER OR PATCHING:

Apply sealer coat of BondCrete (BondCrete 1: water 4) allow to dry. Apply bondcoat of BondCrete (BondCrete 4: water 1) and while still wet or tacky carry out topping or patching. Use BondCrete admixture (BondCrete 1: water 10) in the topping/patching mixture in place of normal water.

### \* PLASTERING SETTINGS ONTO CONCRETE CEILINGS, WALLS ETC :

Apply one sealing coat of diluted BondCrete (BondCrete 1: water 4) allow to dry. Apply one bondcoat of diluted BondCrete (BondCrete 1: water 1) to the surface and while this coat is still tacky, plaster with hardwall plaster mixed to required consistency with BondCrete admix (BondCrete 1: water 4) in place of normal water.

### \* TILING:

Apply sealer coat of diluted BondCrete (BondCrete 1: water 4) to surface and allow to dry. Apply bondcoat of diluted BondCrete (BondCrete 1: water 1) to sealed surface and while still wet or tacky lay bedding.

Beddings up to 6mm - 1 part cement: 2 part fine sand

Beddings over 6mm - 1 part cement: 3 part fine sand

Mixed to a workable consistency with BondCrete admix (BondCrete 1:water 4) in place of normal water. Screed bedding

to required level and bed the tiles immediately.

As BondCrete has a multitude of other uses, the above are some of the more common uses for Bondcrete.

## Coverage

Estimates below will provide a useful guide:

BondCrete undiluted = 3.5 square metres per litre

BondCrete Diluted:

BondCrete 4 parts: water 1 part = 8 square metres per litre

BondCrete 1 part: water 1 part = 17.5 square metres per litre

BondCrete 1 part: water 4 parts = 35 square metres per litre

BondCrete as an admix: BondCrete 1 part water 10 parts is an ideal admix ratio for cement toppings, concrete, plasters etc.

For estimating purposes 2 litres of BondCrete diluted with 20 litres of water is normally sufficient for mixing each 40 kg bag of cement.

## Thinning

BondCrete may be diluted with water when doing the following:

A sealing coat: (BondCrete 1: water 4)

A bondcoat: (BondCrete 1: water 1)

Bondall BondCrete as an admixture to sand and cement: (BondCrete 1: water 10)





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# BondCrete

## Gloss Level & Colour

- White in the container – dries clear – no gloss

## Drying

Drying times vary pending on how it is being used and temperatures.  
If applied neat: BondCrete sets in 30 minutes but attains maximum strength in 24 hours.  
As a thumb rule allow application to dry for at least 24 hours before applying second coat.

## Precaution/First Aid

Do not pour contents or washing down drain or sinks.  
Clean equipment & spills with clean running water.

## Sizes

250ml, 500ml, 1L, 2L, 4L, 15L, 20L & 200L

## Precaution/First Aid

It is recommended that normal personal protective clothing should be worn, including coveralls, impervious gloves and goggles.  
Avoid unnecessary skin contact and inhalation – use a suitable respirator if spray application is employed.  
If swallowed, contact a doctor or the Poison Information Centre on 13 11 26. Give water to drink and do not induce vomiting.

## 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.  
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