



# BOND 'N' CURE

HIGH PERFORMANCE ACRYLIC BONDING AGENT,  
PRIMER & CURING COMPOUND

17 May 2019

**Bostik Bond 'N' Cure** is a milky white, single component, acrylic emulsion. Bond 'N' Cure is the recommended primer, bonding agent and curing compound for use with **Bostik's Patchfix** range of concrete repair systems.

## YOUR SMART ADVANTAGES

- Allows optimum build of **Bostik Patchfix Structural HB, Patchfix Concrete** and **Patchfix Fine Render**
- Can be used internally or externally
- Resistant to hydrolysis (chemical breakdown due to water reaction)
- High bond strength between repair mortar and concrete substrate
- Non-hazardous

## USES

As a bonding agent, primer and curing compound for Bostik range of concrete repair products.

- Bonding new to old concrete
- Sealing concrete surfaces
- To prevent excessive moisture loss, rapid drying and surface cracking
- Additive for enhancing performance to concrete mortars
- For use in vertical, horizontal or overhead applications

## PRODUCT CHARACTERISTICS

Colour	Milky White
Viscosity 20°C	450-500cps
Dry film colour	Clear
Solids content by weight	50% approx
Specific gravity	1.06g/ml
Chemical resistance	Resists alkalis, mild acids, sulphates, chlorides, sugars
Application temperature	5 to 30°C
Minimum film forming temperature	3°C
PH Value	8.5-9.5

Solubility	Soluble in water
Water absorption	12% after 24 hours
Frost thaw resistance	Excellent
Bond Strength (to concrete)	>1.5MPa
Product codes 5L bottle	30608707

## DIRECTIONS FOR USE

Read and understand the Safety Data Sheet before using this product.

## SURFACE PREPARATION

The substrate must be clean, sound and free of dust and loose particles. Cement laitance, oil, grease, mould release oil or curing compound must be removed from concrete surfaces by using wire brush, bush hammer, scabber, grit blasting or other means. Steel surfaces should be degreased with a suitable solvent or treated by grit blasting steel rebars must also be clean from grease, oil or rust. When repairing spalled or deteriorated concrete, ensure that the concrete has been cut back to sound material. In cases where corrosion is present, wire brushing to a clean bright surface is sufficient. Before applying **Bostik Bond 'N' Cure** pre-wet the substrate thoroughly to saturate to pores completely with water. During application of **Bostik Bond 'N' Cure** the temperature of the substrate should not be below +5°C. To avoid too high surface temperature, it is advised to shade areas for the period of applications.

## APPLICATION

### AS A BONDING AGENT:

**Bostik Bond 'N' Cure** is supplied in a form that is ready to use. **DO NOT DILUTE WITH WATER.** All repairs whether vertical or horizontal, should be prepared by saw cutting 10mm around the repair. This avoids thin section or feather edging of the repair mortar. Pre-soak the clean substrate with clean fresh water prior to application of **Bostik Bond 'N' Cure**. Apply **Bostik Bond 'N' Cure** at a coverage rate of 4-5m<sup>2</sup> per litre to the

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## APPLICATION CONTINUED

damp (not wet) concrete substrate using a brush ensuring the complete surface is covered and wetted out. If the substrate is extremely porous, a second coat of **Bostik Bond 'N' Cure** may be required. This second coat may be applied after the first coat has dried (20–30 minutes). Allow the **Bostik Bond 'N' Cure** to reach a tacky consistency, normally 10–20 minutes after application depending on ambient temperatures, prior to application of Bostik concrete repair mortar range, **Bostik Patchfix Structural HB**, **Bostik Patchfix Panel Repair HB**, **Bostik Patchfix Concrete** and **Bostik Patchfix Render Fine**. Do not allow primer to cure longer than 8 hours prior to application of repair mortar. If **Bostik Bond 'N' Cure** has dried longer than 8 hours a fresh coat of **Bostik Bond 'N' Cure** should be applied. This will ensure maximum adhesion. For overhead and vertical applications do not apply excessive **Bostik Bond 'N' Cure** as this will result in the repair mortar slipping in high build applications.

## AS A CURING AGENT:

On completion of applying and finishing off the repair mortar to prevent excessive moisture loss and rapid drying of the repair mortar resulting in surface cracking, it is advised to apply **Bostik Bond 'N' Cure** over the surface. **Bostik Bond 'N' Cure** should be applied by brush, roller or spray application immediately after final trowel in a continuous film over the repair mortar. **Bostik Bond 'N' Cure** can be over coated with the Bostik range of protective coatings after full cure.

## MIXING:

No mixing is required, use directly from container.

## LIMITATIONS / IMPORTANT NOTES

- Do not apply **Bostik Bond 'N' Cure** or Bostik repair mortar in temperatures exceeding 35°C
- Ensure area to be repaired is not exposed to direct sunlight, rain, wind or frost
- Do not apply Bostik repair mortar to an unprimed surface
- Do not use at temperatures below 5°C
- Do not use as a primer for polyurethane adhesive, coatings and sealants

## BOSTIK COOPERATIVE TEST PROGRAM

Bostik offer a service in which a program has been established to eliminate potential field problems by pretesting Bostik adhesives with samples of building

materials to which the adhesive will be applied. This service is available on large projects where pre-application testing will aid in determining the proper surface preparation method to achieve optimum adhesion. Consult a Bostik representative for further information.

## CLEAN UP

**Bostik Bond 'N' Cure** should be removed from tools and equipment with clean water immediately after use.

## STORAGE AND SHELF LIFE

**Bostik Bond 'N' Cure** has a shelf life of approximately 12 months from manufacture if kept in a cool environment in tightly closed original packaging.

Empty containers may be disposed via local landfill. If spilt, absorb with clay, sand or earth. Collect and seal in properly labeled metal container. Dispose of according to local authority regulations. Do not dispose of down drains or into local waterways.

## PRECAUTIONS IN USE

Complete details on each of the products mentioned are available on the product Safety Data Sheets. To ensure no harm is caused to persons using Bostik products, it is recommended that all concerned read the appropriate Safety Data Sheets. Visit [www.bostik.com/au](http://www.bostik.com/au) for copies.

**For emergency information contact the Poisons Information Centre, phone 131 126 or the Emergency Response Service, phone 1800 033 111.**

BOSTIK HOTLINE

Smart help 1800 267 845



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