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

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, scabller, 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 4–5m² per litre to the...
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 split, 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 for copies.

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

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