



## PRIME-N-BOND™

PRIME-N-BOND™ is a versatile, ready-to-use, single coat, low VOC primer designed to enhance the bond of adhesives to many smooth and non-absorptive substrates that can be difficult to bond to. PRIME-N-BOND also improves bonding of self-leveling underlayments (SLU's).

### Globally Proven Construction Solutions



#### SUITABLE SUBSTRATES (INTERIOR ONLY)

- Steel Troweled Concrete
- Glass Tile
- Quarry Tile
- Cement/Epoxy Terrazzo
- Cement-Based Agglomerates
- Glazed Cement Masonry Units
- Floor Covering Adhesive and Polyurethane Adhesive residue
- Porcelain & Ceramic tiles with Glazed or Smooth surfaces
- Well-Bonded Cutback Adhesive
- Exterior Glue Plywood
- Natural Stone
- Vinyl Flooring
- VCT
- Plastic Laminate Countertops
- Resin-Backed Tile and Stone\*
- Agglomerate Marble
- Ceramic Tile
- Concrete smooth and non absorbent
- Concrete with up to 20% fly ash
- Dry shake hardener
- Epoxy Coating
- Epoxy Flooring (Poured)
- Moisture Barrier (Sheet Goods)
- Non-porous Concrete
- Radiant-heated floors
- Rigid Fiberglass panels

\*Light commercial applications only. See TDS 1150 for further information.

#### FEATURES/BENEFITS

- Multi-purpose and can be used on a wide range of substrates
- One component, ready to use, no mixing required
- Single coat application
- Apply with roller or brush
- Formulated with aggregate for an enhanced mechanical bond of adhesives to a variety of smooth or low-absorptive substrates
- Improves bonding of cement self-leveling products (SLU's)
- Low VOC, low odour, Ideal for interior and occupied areas

#### PACKAGING

- 5 Litre Pails

#### MANUFACTURER

LATICRETE New Zealand  
3 /118 Asquith Avenue, Mt. Albert,  
Auckland, 1023, New Zealand

Telephone: +64 9 394 1900

Internet: [nz.laticrete.com](http://nz.laticrete.com)

**Approximate Coverage (varies depending on substrate)**

5 Litre Pail: 18m<sup>2</sup> – 37m<sup>2</sup>

**Shelf Life**

Factory sealed containers of this product are guaranteed to be of first quality for two (2) years from date of manufacture. Do not allow to freeze.

**Limitations**

- Interior use only
- Not for use in immersed installations or other continuous wet area applications.
- Do not install when ambient temperature or surface is expected to be below 10°C during placement or before material takes final set or when temperature will be above 35°C.
- The surface temperature of the prepared substrate must be at least 2.5°C above the dew point and rising to avoid condensation on the surface while drying.
- Surfaces must be structurally sound, clean, dry and free from bond inhibiting or bond breaking materials including; dust, dirt, waxes, release agents, grease, curing compound, oils and the like. Always test small area to verify performance and compatibility prior to installation.
- Concrete must not be subject to hydrostatic pressure.
- Maximum amount of moisture in the concrete substrate should not exceed 24g/m<sup>2</sup>/24Hrs as per ASTM F-1869 and 75% relative humidity as measured with moisture probes as per ASTM 2170.
- Do not dilute
- Do not install over any substrates, cutback adhesive, or other adhesive residue containing asbestos. Always verify it does not contain asbestos.
- When bonding to cutback adhesive or other adhesive residue, adhesive residue must be wet-scraped to the finish of the concrete leaving only the transparent staining from the adhesive. Do not use adhesive removers, solvents or other chemicals that may penetrate into the concrete.
- Adhesives/mastics, mortars and grouts for ceramic tile, pavers, brick and stone are not replacements for waterproofing membranes.
- Resin-backed tile and stone can be primed with PRIME-N-BOND™ for interior residential and light commercial applications in accordance with ASTM C627. Not for use in wet areas.
- When a waterproofing membrane is required, do not apply a LATICRETE Waterproofing Membrane directly on top of the PRIME-N-BOND™.
- Do not install PRIME-N-BOND or underlayments over particleboard, chipboard, hardboard (Masonite), Luan panels, asbestos, interior glue plywood, gypsum-based patching materials, asphalt, coal tar, or lightweight insulating concrete or any other dimensionally unstable materials.

*Note: Surfaces must be structurally sound, stable and rigid enough to support ceramic/stone tile, thin brick and similar finishes. Substrate deflection under all live, dead and impact loads, including concentrated loads, must not exceed L/360 for thin bed ceramic tile/brick installations or L/720 for thin bed stone installations where L=span length.*

**Cautions**

Before using any LATICRETE product:

- Read and understand the Product Data Sheet and Safety Data Sheet.
- Perform a mock-up to ensure product will perform as required.
- Check [nz.laticrete.com](http://nz.laticrete.com) for any technical bulletins or updated information about the product and its application.
- PRIME-N-BOND is water based and is non-hazardous under normal conditions of use. In case of skin contact, wash immediately with water
- Wear gloves and protective goggles

- Contact your local LATICRETE Technical Sales Representative with any questions.
- Not for submerged applications.
- Keep out of reach of children.

**TECHNICAL DATA****VOC Product Information**

Green Building Council of Australia Green Star Office Design & Interior VOC: 2 grams/litre

**Colour – White**

Actual field performance will depend on installation methods and site conditions. Specifications are subject to change without notification. Technical data shown in LATICRETE product data sheets and technical data sheets are typical but reflect laboratory test procedures conducted in laboratory conditions. Actual field performance and test results will depend on installation methods and site conditions. Field test results will vary greatly due to variability of critical job site factors.

**INSTALLATIONS****Surface Preparation**

- Substrates must be dry, clean, structurally sound, cured and free from laitance, oil and grease
- Remove substances that may act as a bond inhibitor such as oil, wax, asphalt, paint, curing compounds, sealers, etc...
- Inspect and repair cracks and joints
- Joints where movement is anticipated must be honored through the finished flooring.
- Do not use chemicals to etch or prepare surfaces
- Note: For use as a Low to No Prep Primer with LATICRETE self levelling products. Please refer to TDS 1230. Surface Prep and Primer Guide.

**Mixing**

Stir before use to ensure that settling has not occurred during shipment and storage. Product is ready-to use. Do not dilute.

**Application**

Apply PRIME-N-BOND with a 9mm nap roller or brush. Apply a thin even film to the surface.

**Drying Time**

Allow PRIME-N-BOND to dry before applying a polymer modified adhesive. The minimum waiting time is 15 – 60 minutes depending on the substrate and environmental conditions. When used as primer for self-leveling cement (e.g. LEVEL) allow 2 – 5 hours for PRIME-N-BOND to dry before self-leveling cement is poured. If PRIME-N-BOND dries for more than 72 hours before application of the self-leveling cement, clean the surface, re-apply an additional coat of PRIME-N-BOND and install the self-leveling cement within 72 hours. Mix and install self-leveling cement per manufacturers product data sheet and installation instructions.

**Cleaning**

All tools and equipment should be cleaned promptly with water.

## AVAILABILITY AND COST

### Availability

LATICRETE and LATAPOXY<sup>®</sup> materials are available worldwide.

For Distributor information:

Telephone: +64 9 394 1900

For online distributor information, visit LATICRETE at [nz.laticrete.com](https://nz.laticrete.com)

### Cost

Contact a LATICRETE Distributor in your area.

## MAINTENANCE

LATICRETE and LATAPOXY grouts, sealers and sealants require routine maintenance and cleaning with a neutral pH detergent and water. See TDS 1113 for more information.

All other LATICRETE and LATAPOXY non-finish materials require no maintenance but installation performance and durability may depend on properly maintaining products supplied by other manufacturers.

## TECHNICAL SERVICES

### Technical assistance

Information is available by calling:

Telephone: +64 9 394 1900

### Technical and safety literature

To acquire technical and safety literature, please visit our website at [nz.laticrete.com](https://nz.laticrete.com)

## DISCLAIMER

- The information contained in this document is given in good faith and to the best of our knowledge is true and accurate.
- This information is subject to change without notice and it is the responsibility of the user to obtain up to date and current information.
- The use of this product is beyond our control and liability is assumed by the user when used incorrectly and not in accordance with LATICRETE<sup>®</sup> guidelines.
- The manufacturer is not responsible for any loss or damage arising from incorrect usage of this product.
- The specifier or other party responsible for the project must ensure that the details in this data sheet are appropriate for the intended application and that additional detailing is performed for specific design or any areas that fall outside the scope of this specification.
- Efflorescence is a normal condition of Portland cement and is not covered by any warranty. The use of LATAPOXY<sup>®</sup> 310 Stone Adhesive, LATAPOXY 300 Adhesive, SPECTRALOCK<sup>®</sup> PRO Premium Grout<sup>1</sup> and SPECTRALOCK 2000 IG will not contribute to any noticeable efflorescence.

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<sup>1</sup> United States Patent No.: 6,881,768 (and other Patents).