



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).



FEATURES/BENEFITS

- Multi-purpose and can be used on a wide range of substrates
- Suitable for internal and external use
- One component, ready to use, no mixing required
- Single coat application
- Formulated with aggregate for an enhanced mechanical bond of adhesives to a variety of smooth or low-absorptive substrates
- Improves bonding of cement self-levelling products (SLU's)
- Low VOC, low odour, ideal for interior and occupied areas
- White colour, will not darken back of light coloured stone
- Resin-backed tile and stone can be primed with PRIME-N-BOND for interior residential and light commercial applications in accordance with ASTM C627

MANUFACTURER

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SUITABLE SUBSTRATES

- Steel Trowelled 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
- Natural Stone
- Vinyl Flooring
- VCT
- Plastic Laminate Countertops
- Concrete Smooth and Non-absorbent
- Dry Shake Hardener
- Epoxy Coating
- Moisture Barrier (Sheet Goods)
- Radiant Heated Floors
- Rigid Fiberglass Panels
- Epoxy Terrazzo
- Poured Gypsum Underlayment
- Resin-backed Tile and Stone
- Oriented Strand Board (OSB)
- Exterior Glue Plywood

PACKAGING / COLOUR

20KG, White

Approximate Coverage

0.15kg/coat/m² - 0.2kg/coat/m²

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

- 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
- Concrete must not be subject to hydrostatic pressure
- Maximum amount of moisture in the concrete substrate should not exceed (24.42g/m²)/24hrs per ASTM F-1869 or 75% relative humidity as measured with moisture probes
- Do not install over Saltillo tile
- 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 tiles, pavers, brick and stone are not replacements for waterproofing membranes
- 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
- Any applications over wood framed or plywood constructs must conform to TCNA methods before application of PRIME-N-BOND

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/480 for thin bed stone installations where L=span length

Cautions

- Read and understand the Product Data Sheet and Safety Data Sheet
- Perform a mock-up to ensure product will perform as required
- Check ma.laticrete.com for any technical bulletins or updated information about the product and its application
- PRIME-N-BOND is water based. In case of skin contact, wash immediately with water
- Wear gloves and protective goggles
- Contact your local LATICRETE Technical Sales Representative with any questions
- Keep out of reach of children

INSTALLATION**Surface Preparation**

- Substrates must be dry, clean, structurally sound, cured and free from laitance, oil and grease
- Concrete must be cured and free of efflorescence
- 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 honoured through the finishes flooring
- Do not use chemicals to etch or prepare surfaces

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-levelling cement (e.g. LEVEL) allow 2 -5 hours for PRIME-N-BOND to dry before self-levelling cement is poured. If PRIME-N-BOND dries for more than 72 hours before application of the self-levelling cement, clean the surface, re-apply an additional coat of PRIME-N-BOND and install the self-levelling within 72 hours. Mix and install self-levelling cement per manufacturers product data sheet and installation instructions

Cleaning

All tools and equipment should be cleaned promptly with water

MAINTENANCE

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

AVAILABILITY AND COST**Availability**

LATICRETE materials are available worldwide

For distributor information, call:

Telephone: +603 7989 9188

Fax: +603 7972 0331

For online distributor information, visit LATICRETE at <https://ma.laticrete.com>

Cost

Contact a LATICRETE distributor in your area

TECHNICAL SERVICE/CONTACT**Technical Assistance**

Information is available by calling:

LATICRETE (Malaysia) Sdn Bhd

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Technical and safety literature

To acquire technical and safety literature, please visit our website at <https://ma.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 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