PRIME-N-BOND™

LATICRETE PRIME-N-BOND is a versatile, ready-to-use, single coat, low VOC primer designed to enhance the adhesion of mortars to many smooth and non-absorptive substrates that can be difficult to bond to. PRIME-N-BOND also improves bonding of LATICRETE self-leveling products. For interior use only.





FEATURES/BENEFITS

- 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 mortars to a variety of smooth or low-absorptive substrates
- Low VOC, low odor, Ideal for interior and occupied areas
- White color will not darken the back of light colored Stone

USES

- Multi-purpose and can be used on a wide range of Substrates
- Improves bonding of cement self-leveling products. Refer to self-leveling product data sheet and TDS230N for list of suitable substrates, surface preparation, and priming instructions.
- 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

LATICRETE Middle East LLC.
P.O. Box. 86028, Ras Al Khaimah
United Arab Emirates
Toll Free (within UAE) 800 5632
Telephone: + 971 7 244 6396
Fax: + 971 7 244 5915
www.laticrete.me

STANDARDS

- **ASTM D 4541**
- **GREEN GUARD CERTIFIED**

© LATICRETE International, Inc. All trademarks shown are the intellectual properties of their respective owners.
Data Sheets are subject to change without notice. For latest revision, visit www.laticrete.me

Packaging
4.5 kg pails, 4 pails per carton
26 kg pails (36 pails/pallet)

Approximate Coverage
5 - 6 m²/kg
Note: Above coverage is intended as a guide, it may vary depending upon application technique, substrate profile/flatness, and wastage factor. Actual coverage shall be determined by mockup area based on site conditions.

Suitable Substrates
- Glass Tile
- Quarry Tile
- Cement Terrazzo
- Cement-Based Agglomerates
- Glazed Cement Masonry Units
- Floor Covering Adhesive Residue
- Polyurethane Floor Covering Adhesive Residue
- Ceramic Tile with Glazed or Smooth Surfaces
- Well-Bonded Cutback Adhesive
- Natural Stone
- Vinyl Flooring
- VCT
- Plastic Laminate Countertops
- Agglomerate Marble
- Ceramic Tile
- Concrete Smooth and Non-Absorbent
- Dry Shake Hardener
- Epoxy Coating
- Moisture Barrier (Sheet Goods)
- Radiant Heated Floors
- Rigid Fiberglass Panels
- Epoxy Terrazzo
- Porcelain Tile with Glazed or Smooth Surfaces
- Poured Gypsum Underlayment (Interior dry areas
- only. Refer to LATICRETE TDS 148, Bonding
- Ceramic Tile or Stone Over Poured Gypsum
- Underlayments, for further information.)
- Resin-Backed Tile and Stone (Refer to LATICRETE
- TDS 150, Installation of Resin-Backed Tile and Stone,
- for further information.)
- Oriented Strand Board (OSB)
- Exterior Glue Plywood

Shelf Life
Factory sealed containers of this product are guaranteed to be of first quality for one year from date of manufacture. Do not allow to freeze.

Limitations
- Interior use only
- Not for use in submerged or other continuous wet area applications.
- Do not install when ambient temperature or surface is expected to be below 50°F (10°C) during placement or before material takes final set or when temperature will be above 95°F (35°C).
- The surface temperature of the prepared substrate
- must be at least 5°F (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 5 lbs/1,000 ft2 (283g/s m2)/ 24 hrs 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 tile, 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.

Cautions
- Read and understand the Product Data Sheet and Safety Data Sheet.
- Perform a mock-up to ensure product will perform as required.
- Check www.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.
- Not for submerged applications.
- Keep out of reach of children.

© LATICRETE International, Inc. All trademarks shown are the intellectual properties of their respective owners.
Data Sheets are subject to change without notice. For latest revision, visit www.laticrete.me

TECHNICAL DATA

VOC/LEED Product Information

VOC < 10 g/L
Specifications subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.

Typical properties

Properties	Results
Colour	White
Consistency	Viscous liquid
Finish	Grainy texture
pH	8 -10
Wet density	1.4 ± 0.05
% NVM	66 ± 2 %
Surface dry	1 -2 hrs.
Time for recoat/ subsequent finish	3 -5 hrs.

Note: Specifications subject to change without notification. Technical data shown are typical but reflect laboratory test procedures conducted in laboratory conditions at 25±2 ºC & 55±5 % RH. Actual field performance will depend on installation methods and site conditions.

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 honored through the finished flooring.
- Do not use chemicals to etch or prepare surfaces
- 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.
- 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.
  Note: For use as a Low to No Prep Primer with LATICRETE self-leveling products, please refer to TDS230N. 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 3/8 (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 mortar. The minimum drying time is 15 – 60 minutes depending on the substrate and environmental conditions. When used as a bonding primer for self-levelling or cement-based tile adhesive over existing tiles applications allow PRIME-N-BOND to dry for 3 - 5 hours to a hard film. 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 products within 72 hours. Mix and install self-leveling products per LATICRETE product data sheet and installation instructions.

Cleaning

All tools and equipment should be cleaned promptly with water.

AVAILABILITY AND COST

Availability

LATICRETE® materials are available worldwide.
For distributor information,
please contact us by email at: enquiry@laticrete.me or, visit www.laticrete.me

Cost

Contact a LATICRETE® closer distributor to obtain complete information and cost.

WARRANTY

The supplier warrants this product will not deteriorate under normal conditions and use, the warranty validity of one (1) year. The product is subject to the terms and conditions stated in the LATICRETE® Product Warranty.
Please consult our technical support for further information on the system warranty and extended warranty.

MAINTENANCE

LATICRETE and LATAPOXY grouts require routine cleaning with a neutral pH soap and water. All other LATICRETE and LATAPOXY materials require no maintenance but installation performance and durability may depend on properly maintaining products supplied by other manufacturers.

TECHNICAL SERVICES

Technical assistance

For information contact us by email at: enquiry@laticrete.me

© LATICRETE International, Inc. All trademarks shown are the intellectual properties of their respective owners.
Data Sheets are subject to change without notice. For latest revision, visit www.laticrete.me

Technical and safety literature
To obtain technical and safety literature, please visit our website at: www.laticrete.me

Warning:
The information and the instructions in the data sheet, although based on knowledge gained through years of applications, are indicative. LATICRETE® unable to directly control the installation conditions and modalities of application of products, do not assume any liability arising from their implementation. Those who want to use the LATICRETE® products must conduct adequate tests to determine the site specifications.
Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.

© LATICRETE International, Inc. All trademarks shown are the intellectual properties of their respective owners.
Data Sheets are subject to change without notice. For latest revision, visit www.laticrete.me