



HYDRO BAN[®] SLURRY

HYDRO BAN SLURRY is a cement based, one component, polymer fortified material that mixes with water and easily applies with brush, roller or trowel. This product can be used on retaining walls, water features, slabs on ground and immersed installations where water resistance or protection from substrate moisture is required. HYDRO BAN SLURRY is suitable for areas requiring negative hydrostatic pressure resistance up to 2.5 BARS and positive hydrostatic pressure up to 5 BARS.

**Globally Proven
Construction Solutions**



FEATURES/BENEFITS

- Reduces hydrostatic pressure and moisture vapour transmission rates of substrate
- Suitable for use in partially tiled applications such as waterlines, tiled swimming lanes and tiled targets
- Does not require the use of fabric
- Can be used under cementitious pool plasters
- Bonds directly to metal, PVC and ABS plumbing fixtures
- "Extra Heavy Service" rating per TCNA performance levels (RE: ASTM C627 Robinson Floor Test)
- Rapid drying for a faster time to tile
- Install tile or pavers directly over with a LATICRETE tile adhesive.
- Can be used under HYDRO BAN in swimming pools where negative hydrostatic pressure resistance is required.

MANUFACTURER

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

Telephone: +64 9 394 1900
Internet: nz.laticrete.com

USES

- Interior and exterior.
- Garden fountains and water features.
- Retaining walls and basements.
- Driveways and landscaped works.
- Where substrate moisture is problematic.

SUITABLE SUBSTRATES

- Concrete
- Concrete & Brick Masonry
- Cement Mortar Beds
- Cement Plaster
- Ceramic Tile & Stone*
- Cement Terrazzo*
- Cement Backer Board**

* If skim coated with a Latex Thin-Set Mortar.

**Consult cement backer board manufacturer for specific installation recommendations and to verify acceptability for exterior use.

PACKAGING

20Kg Bags 56 per pallet

Approximate Coverage

A 20 Kg bag applied in two coats to a total DFT of 2mm Thick – 8m²

Shelf Life

Factory sealed containers of this product are guaranteed to be of first quality for two (2) years if stored at temperatures >0°C and <43°C.

Limitations

- DO NOT bond to OSB, particle board, interior glue plywood, luan, Masonite® or hardwood surfaces.
- Do not use over dynamic expansion joints, structural cracks or cracks with vertical differential movement.
- Do not use in steam rooms.
- Do not use over cracks >3 mm in width.
- Do not leave unprotected membrane exposed to sun or weather for more than 30 days.
- Do not expose to rubber solvents or ketones.
- 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 and L/720 for all exterior veneer applications where L=span length.

Cautions

- Consult SDS for more safety information.
- Allow membrane to cure fully (typically 24 hours at 10°C – 21°C and 70% RH or 2 hours at 21°C or higher and 50%) prior to applying tile or stone.
- During cold weather, protect finished work from traffic until fully cured.
- For green and moisture sensitive marble, agglomerates and resin backed tile and stone use LATAPOXY® 300 Adhesive (refer to DS-1047).
- Use a wet film thickness gauge to check thickness.
- Allow wet mortars to cure for 72 hours at 21°C prior to installing HYDRO BAN® SLURRY.
- Protect from exposure to traffic or water until fully cured.
- Application can be made on damp substrates. Sweep away any standing water prior to application.
- Allow new concrete substrates to cure a minimum of 7 days at 21°C and 50% RH before application.
- Use LATICRETE HYDRO BAN where chemical resistance and dynamic crack bridging is required. Contact LATICRETE.
- Use LATICRETE HYDRO BAN where installation is required to meet the National Construction Code requirements for waterproofing.

TECHNICAL DATA

VOC Product Information

Green Building Council of Australia Green Star Office Design & Interior VOC: 1gram/litre

Working Properties

HYDRO BAN SLURRY can be applied using a paint brush, roller or trowel. All areas must have 1.5mm – 2mm to ensure hydrostaic and moisture shield properties.

INSTALLATION

Surface Preparation

Surface temperature must be 10 – 32°C during application and for 24 hours after installation. All substrates must be structurally sound, clean and free of dirt, oil, grease, paint, laitance, efflorescence, concrete sealers or curing compounds. Make rough or uneven concrete smooth to a wood float or better finish with a underlayment. Do not level with asphalt based products. Maximum deviation in plane must not exceed 5mm in 3m from the desired plane and no more than 1.5mm in 300mm when measured from the high spots. Dampen hot, dry surfaces and sweep off excess water—installation may be made on a damp surface. May be used with LATICRETE HYDRO BAN Fillet & Sealant at transitions and junctions..

Mixing

Place clean, potable water into a clean pail. Use approximately 5.5 L – 5.8 L per 20Kg bag. Add HYDRO BAN SLURRY from bag. Mix with drill and paddle at a medium speed for 90 seconds, no slaking needed. For best results, use a 6mm–12mm nap roller to apply. A brush or v-notch trowel can also be used as well. Apply generously to achieve 0.75mm – 1mm per coat.

Main Application

Allow any pre-treated areas to dry to the touch. Apply a liberal coat^{^^} of HYDRO BAN SLURRY with brush or roller over substrate including pre-treated areas. Immediately or once dry to the touch. Apply another liberal coat^{^^} of HYDRO BAN SLURRY over the first coat. Let topcoat dry to the touch, approximately 1–2 hours at 21°C and 50% RH. When last coat has dried to the touch, inspect final surface for pinholes, voids, thin spots or other defects. Use additional HYDRO BAN SLURRY to seal defects.

Protection

Provide protection for newly installed membrane against exposure to rain or other water for a minimum of 2 hours at 21°C and 50% RH.

Flood Testing

Allow membrane to cure fully before flood testing, typically 2 hours after final cure at 21°C and 50% RH. Cold and/or wet conditions will require a longer curing time. For temperatures 10°C – 21°C allow 24 hours after final cure prior to flood testing. Installing Finishes

Installing Finishes

Once HYDRO BAN SLURRY has dried fully, ceramic tile, stone or brick may be installed by the Thin-bed method with a Latex Thin-set Adhesive. Allow HYDRO BAN SLURRY to cure 2 hours at 21°C and 50% RH before covering with thick bed mortar, epoxy adhesives, terrazzo or moisture sensitive resilient or wood flooring. Do not use solvent based adhesives directly on HYDRO BAN

Unfortified renders and skims may need a key coat prior to application over HYDRO BAN SLURRY. Where required, apply LATICRETE 335 with a 4x4mm V-notch trowel (do not flatten adhesive ridges) and allow to dry before application of the render or skim. Do not apply renders or coatings with a total thickness greater than 10mm over the HYDRO BAN SLURRY. Contact LATICRETE.

^{^^}Wet coat thickness is approximately 0.75mm – 1mm per coat. Use wet film gauge to check thickness.

AVAILABILITY AND COST

Availability

LATICRETE and LATAPOXY® materials are available worldwide.

For Distributor information:

Telephone: +64 9 394 1900

For online distributor information, visit LATICRETE at 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

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. The use of LATAPOXY® 310 Stone Adhesive, LATAPOXY 300 Adhesive, SPECTRALOCK® PRO Premium Grout† and SPECTRALOCK 2000 IG will not contribute to any noticeable efflorescence.

LATICRETE New Zealand

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

+64 9 394 1900

nz.laticrete.com

† United States Patent No.: 6,881,768 (and other patents)