For The Builders of
A Better World

HYDRO TAPE

HYDRO TAPE is a self adhesive butyl sealing tape designed for use as a bond breaker with approved LATICRETE Liquid Applied Waterproofing Membranes. Can be used in other areas as a transition tape prior to membrane application. Quick and easy to install allows for immediate application of approved LATICRETE Liquid Applied Waterproofing Membranes.





FEATURES/BENEFITS

- Fast – No wait time for membrane installation.
- Superior Adhesion – Wide range of suitable substrates
- Thin – Easier to install and mold as needed.
- Fleeced surface – Creates optimal adhesion to LATICRETE waterproofing membranes
- High Utility – Suitable for detail work, terminations, flashings, bond-breaker and transitions.

MANUFACTURER

LATICRETE Australia Pty Ltd
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Toll Free: 1800 331 012
Fax: 07 3865 2250
Internet: www.laticrete.com.au

USES

- Residential internal wet area work.
- Shower recesses, stalls and surrounds.
- Industrial and commercial bathrooms and laundries.
- Kitchens, Countertops and food processing areas.

RECOMMENDED SUBSTRATES

- Gypsum wallboard~
- Cement Backer Board~
- Cement Renders & Plasters
- Cement Mortar Bed
- Concrete
- Cement Terrazzo**
- Ceramic Tile and Stone**
- Cement and Brick Masonry**
- PVC and ABS plastics
- Copper and Stainless Steel

** If skim coated with a LATICRETE® latex thin-set adhesive.

~ Some coated or treated boards may be suitable with further preparation. Consult LATICRETE.

PACKAGING

- Tape Size: 100mm x 15m x 0.8mm thick (roll)

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Approximate Coverage

- Up to 15lm (lineal metres) x 100mm wide x 0.8mm thick

Shelf Life

Factory sealed containers of this product are guaranteed to be of first quality for twelve (12) months if stored in a cool dry place at temperatures >5°C and <40°C.

Limitations

- Do not bond to OSB, particle board, Luan, Masonite® or hardwood surfaces.
- Adhesives/mastics, mortars and grouts for ceramic tile, pavers, brick and stone are not replacements for a waterproof membrane. When a waterproof membrane is required, use HYDRO BARRIER™ or HYDRO BAN®.
- HYDRO TAPE is not to be used as a stand-alone waterproofing product.
- HYDRO TAPE must be first covered with a LATICRETE Waterproofing Membrane, then, ceramic tile, stone, brick, dry pack thick bed mortar beds, terrazzo or other traffic bearing finish. Use protection board for temporary cover.
- Not for use beneath cement or other plaster finishes. Consult with plaster manufacturer for their recommendations when a waterproofing membrane is required under plaster finishes.
- Not for use under self-leveling underlayments or decorative wear surfaces.
- 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 external framed facade installations where L=span length.
- Do not use over dynamic expansion joints, structural cracks or cracks with vertical differential movement (See TDS-1025 HYDRO BARRIER Installation Instructions for Australia, for complete instructions).
- Do not use over cracks >3 mm in width.
- Do not use as a vapour barrier (especially in steam rooms).
- HYDRO TAPE is not to be left exposed to UV.
- Ensure the HYDRO TAPE is not punctured or damaged prior to subsequent LATICRETE waterproof membrane application.
- Do not expose to negative hydrostatic pressure or excessive Moisture Vapour Emission Rates (MVER).

Cautions

- Consult SDS for more safety information.
- Some drywall and dry floor sheets are treated with moisture blocking coatings. Check for compatibility prior to installing HYDRO BARRIER directly to these surfaces.
- Maximum amount of moisture in the concrete/mortar bed substrate should not exceed 283µg/m²/24hrs as per ASTM F-1869 or 85% relative humidity as measured with moisture probes as per ASTM F-2170.
- For installations with excessive MVER or damp substrate conditions use LATAPOXY® Moisture Shield before the use of HYDRO TAPE.
- During cold weather, protect finished work from traffic until fully cured.
- For white and light coloured marbles, use a white LATICRETE Latex Portland Cement Thin-set adhesive.
- For green and moisture sensitive marble, agglomerates and resin backed tile and stone use LATAPOXY® 300 Adhesive.
- Allow wet mortars, renders and plasters to dry and cure prior to installing HYDRO TAPE and HYDRO BARRIER. Ensure HYDRO BARRIER is cured prior to mortar bed application. Allow an additional 24 hours curing for the application of thicker, wetter beds over HYDRO BARRIER.
- All applications of HYDRO BARRIER must be over LATICRETE PRIMER RTU, LATICRETE PRIMER or LATAPOXY Moisture Shield.
- Protect subsequent LATICRETE membranes from exposure to traffic or water until fully cured.

TECHNICAL DATA

LATICRETE HYDRO TAPE is compatible with LATICRETE HYDRO BARRIER

Physical Properties

Characteristics	Value
Film Type / Colour:	Polypropylene Fleece / White
Compound Type / Colour:	Butyl Rubber Adhesive / Grey
Standard Thickness:	0.8mm
Standard Width:	100mm
Application Temperature Range:	> 0°C to < 40°C
Service Temperature Range:	> −30°C to < 90°C

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

INSTALLATION

Surface Preparation

Surface temperature must be 10°C – 32°C during application. All substrates must be structurally sound, clean and free of airborne contaminants, salt, dirt, oil, grease, paint, laitance, efflorescence, concrete sealers or curing compounds. New concrete slabs shall be damp cured and a minimum of 28 days old before application. Make rough or uneven concrete smooth to a wood float or fine textured finish with a LATICRETE Underlayment. Do not level with gypsum or asphalt based products. Maximum deviation in plane should meet the requirements of the proposed finish.

Installing HYDRO TAPE

Pre-Treat Cracks & Joints

Fill all substrate cracks (see limitations), cold joints, and control joints to a smooth finish using a LATICRETE latex fortified thin-set adhesive or HYDRO BAN® Fillet and Sealant.

PRIMER

Prime all porous substrates with LATICRETE PRIMER or LATICRETE PRIMER RTU. For damp or substrates with high MVER, use LATAPOXY Moisture Shield

Pre-Treat Coves and Floor/Wall Transitions

Fill all substrate coves and floor/wall transitions to a smooth finish at changes in plane using a LATICRETE latex fortified thin-set adhesive. Alternatively or as required by substrate manufacturers, detail any joint void and profile with compressible foam or polystyrene void fillers to provide suitable backing for fillets.

Main Application

1. Unroll the HYDRO TAPE and measure the required length of joints or area to be sealed.
2. Cut the tape using scissors or a sharp knife.
3. Remove release paper from the butyl rubber side and position the tape in place, ensuring the fabric face is exposed upwards.
4. Press into place, and using a spatula and small vinyl roller or similar ensure all air pockets and creases are pushed out and good connection to substrates is achieved.
5. For large runs over joint areas, consider gradual removal of release paper as the tape is being unrolled and adhere into position.
6. Finishes can be applied immediately after the tape is adhered in place.

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Protection

Provide protection for newly installed membrane from construction traffic and adverse site conditions.

AVAILABILITY AND COST

Availability

LATICRETE® and LATAPOXY® materials are available worldwide.

For Distributor information:
Toll Free: 1800 331 012
Telephone: 07 3865 1599

For online distributor information, visit LATICRETE at **www.laticrete.com.au**

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:

Toll Free: 1800 331 012
Telephone: 07 3865 1599
Fax: 07 3865 2250

Technical and safety literature

To acquire technical and safety literature, please visit our website at **www.laticrete.com.au**

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 LATICRETE is not responsible for any loss or damage arising from the incorrect use of this product.
- 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, LATAPOXY SP-100, SPECTRALOCK® PRO Premium Grout† and SPECTRALOCK 2000IG will not contribute to any noticeable efflorescence.

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