



TRI-LITE™

A lightweight, high performance, sand free, tri purpose adhesive designed for the installation of ceramic and stone tiles. Use with floor and wall internal and external installations. The innovative lightweight technology delivers exceptional sag resistance, open time and workability. An 11 kg bag provides equivalent coverage to a traditional 20 kg bag of adhesive.

**For The Builders of
A Better World**



FEATURES/BENEFITS

- Smooth, creamy consistency ensures effortless trowelling
- Lightweight technology delivers high coverage and reduced strain
- Formulated without sand to reduce respirable silica
- Extended open time
- High tensile strength
- Suitable for internal, external and immersed installations
- Excellent sag resistance

MANUFACTURER

LATICRETE Australia Pty Ltd
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Virginia, QLD 4014 Australia

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Toll Free: 1800 331 012
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SUITABLE SUBSTRATES

- Concrete Masonry
- Concrete Block
- Suitable Waterproof membranes
- Cement Plaster
- Cement Mortar Bed
- Cement Terrazzo
- Cement Backer Board~
- Gypsum Wallboard*
- Existing Ceramic Tile and Stone
- STRATA_MAT™

*Interior use only.

~Check with cement backer board manufacturer for exterior work and load limits.

PACKAGING

- 11 kg bags, 64 bags per pallet.
- Colour: White

Approximate Coverage (per 11kg bag)

6.5 - 7 m ²	/	6 mm x 6 mm notched trowel
3.9 - 4.4 m ²	/	10 mm x 10 mm notched trowel
3.2 - 3.7 m ²	/	12 mm x 12 mm notched trowel.

Shelf Life

Factory sealed bags of this product are guaranteed to be of first quality for one (1) year from date of manufacture. High humidity will reduce the shelf life of bagged product.

Limitations

- Not for use directly over particle board, luan, Masonite® or hardwood floors.
- Adhesives/mastics, mortars and grouts for ceramic tile, pavers, brick and stone are not replacements for waterproofing membranes. When a waterproofing membrane is required, use a LATICRETE® Waterproofing Membrane
- 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, L/720 for ceramic tile/brick to external framed and sheeted substrates or L/720 for thin bed stone installations where L=span length.

Cautions

Before using any LATICRETE product:

- Consult SDS for safety information.
- Some marbles and other stone have low flexural strength and may not be suitable for installation over wood floors.
- During cold weather, protect finished work from traffic until fully cured.
- DO NOT take internally.
- For green marble, resin backed tile and stone and other moisture sensitive marbles and agglomerates, use LATAPOXY® 300 Adhesive (refer to Data Sheet 1047).
- Curing times will be extended when installing large format tile and panel, particularly over non porous substrates and in cold weather
- Keep out of reach of children.

TECHNICAL DATA**Applicable Standard**

Meets and Exceeds the requirements of AS ISO 13007.1 & 2 as a C2TES1

Working Properties at 21°C

Open Time	30 minutes
Pot Life	2 – 4 hours
Time to Light Traffic for tiles <600 x 600mm	24 hours
Wet Density	1.20g/cc

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.

INSTALLATIONS**Surface Preparation**

All surfaces should be between 4°C and 32°C and structurally sound, clean and free of all dirt, oil, grease, paint, concrete sealers or curing compounds. Rough or uneven concrete surfaces should be made smooth with Latex Portland Cement Underlayment to provide a wood float (or better) finish. Dry, dusty concrete slabs or masonry should be dampened and excess water swept off. Installation may be made on a damp surface. Concrete slabs must be plumb and true to a tolerance to suit the format size being installed. Follow the Australian Standards requirements for Movement Joints in AS3958-2023. Do not cover movement joints with adhesive.

Mixing

Place clean, potable water into a clean pail. Use approximately 5 – 5.5L of water for 11 kg of powder. Add TRI-LITE™ to water. Mix to a smooth, trowelable consistency. Allow adhesive to slake for 5–10 minutes. Remix with out adding any more water or powder. During use, stir occasionally to keep mix fluffy. DO NOT temper with water.

Application

Apply adhesive to the substrate with the flat side of the trowel, pressing firmly to work into surface. Comb on additional adhesive with the notched side.

Note: Use proper sized notched trowel to ensure full bedding of the tile. Spread as much adhesive as can be covered with tile in 15–20 minutes @ 21°C. Back notch trowel and butter large tiles >200 mm x 200 mm to provide full bedding and firm support. Place tiles into wet, sticky adhesive and beat in using a and rubber mallet and/or slide the tile back and forth to embed tile and adjust level. Check adhesive for complete coverage by periodically removing a tile and inspecting bedding adhesive transfer onto back of tile. If adhesive is skinned over (not sticky), remove and replace with fresh adhesive. See AS 3958 for trowel fixing methods.

Grouting

Grout installation after a minimum of 24 hours curing at 21°C or longer with large format tile. Grout with SPECTRALOCK® PRO Premium Grout; SPECTRALOCK 2000IG Grout; LATAPOXY SP-100 Grout; WIDE JOINT XL Grout; PERMACOLOR Select Grout; or, PERMACOLOR Grout.

Note: Large format tile and panel will require a longer time to set before grouting can start.

Cleaning

Clean tools and tile work with water while adhesive is fresh.

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 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.

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[†] United States Patent No.: 6,881,768 (and other Patents).