



328

328 adhesive is a high strength, easy to use, contractor grade cementitious adhesive. Mix with water to install low absorption ceramic, porcelain and natural stone tile using the thin-set method of installation.

**For The Builders of
A Better World**



FEATURES/BENEFITS

- Interior and exterior use
- High strength cement based adhesive
- High tack, non sag
- Extended open time
- Economical
- Easy to use

SUITABLE SUBSTRATES

- Concrete and brick masonry
- Cement mortar beds
- Cement plaster
- Suitable waterproof membranes
- Cement terrazzo
- Gypsum wall board^
- Cement backer board**

^ Interior use only

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

PACKAGING/COLOURS

- 20 kg bag; 56 bags per pallet
- Colour: White and Grey

USES

Designed for interior and exterior, wall and floor installations. High bond strength thin-set for ceramic, porcelain and natural stone tile.

MANUFACTURER

LATICRETE Australia
29 Telford Street
Virginia, QLD 4014 Australia

Telephone: 07 3865 1599
Toll Free: 1800 331 012
Fax: 07 3865 2250
Internet: www.laticrete.com.au

Approximate Coverage

(Based on product wet densities with a trowel at 90 to 45°)

- 7.2 to 7.7 m² with a 6 mm x 6 mm square notched trowel
- 4.3 to 4.8 m² with a 10 mm x 10 mm square notched trowel

Coverage will depend on how the trowel is used and surface regularity.

Shelf Life

Factory sealed bags of this product are guaranteed to be of first quality for one (1) year* if stored off the ground in a dry area.

* High humidity will reduce the shelf life of bagged product.

Limitations

- Use LATAPOXY® 300 Adhesive for installing green marble or water sensitive stone, agglomerates or tile.
- Use LATICRETE 335 Adhesive and 254 Adhesive for tile on tile work.
- Not suitable for immersed installations.
- Use white adhesive for installing white or light coloured marble or stone.
- Not for use over carpet adhesive, vinyl tile cutback adhesive or plastic laminates.
- This is not a colour controlled product. Colour may vary based on current cement supply.
- Not for direct use over hardwood or strip wood flooring, particle board, Luan plywood or Masonite®.
- Not for use over expansion joints or structural movement cracks.
- Adhesives/mastics, mortars and grouts for ceramic tile, pavers, brick and stone are not replacements for waterproof membranes. When a waterproof membrane is required, use a LATICRETE Waterproof 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

- Consult SDS for more safety information
- During cold weather, protect finished work from traffic until fully cured.
- Keep out of reach of children.
- Contains Portland cement and silica sand. May irritate eyes and skin. Avoid contact with eyes or prolonged contact with skin. In case of contact, flush thoroughly with water. Use rubber gloves and eye protection when handling product.
- Do not take internally. Silica sand may cause cancer or serious lung problems.
- Avoid breathing dust. Wear an approved respirator in dusty areas.
- Efflorescence is a normal condition of Portland cement. Contact LATICRETE for information on reducing the effects of efflorescence.

TECHNICAL DATA

VOC Information

Green Building Council of Australia Green Star Office Design. VOC. 1 gram/litre

Physical Properties

When tested in accordance with AS ISO13007.1 & .2, 328 is classified as C2TES1

TEST METHOD	RESULT
28 day Tensile strength — AS 13007	>1MPa
Water immersion — AS 13007	>1MPa

Heat Ageing — AS 13007	>1MPa
Transverse deformation — AS 13007	>2.5mm

PROPERTY	VALUES
Open Time	30 Minutes
Pot Life	4 Hours
Time to Light Traffic	24 Hours
Wet Density	1.65 g/cm ³

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

Unless otherwise stated in this document, LATICRETE technical data sheets and guidelines, all work should be in accordance with the current version of AS3958.

Surface Preparation

All surfaces should be between 4°C and 32°C and structurally sound, clean and free of all laitance, dirt, oil, grease, loose peeling paint, concrete sealers or curing compounds. Rough or uneven concrete surfaces should be made smooth with a LATICRETE 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. New concrete slabs shall be cured and 28 days old before application. Latex Portland cement mortars do not require a minimum cure time for cement slabs. All substrates surface flatness shall be true to the required plane either:

- 6mm in 3m and 1.5mm in 300mm for a tile that has a length of ≤ 380mm when measured from the high point or
- 3mm in 3m and 1.5mm in 600mm for a tile that has a length of > 380mm when measured from the high point.

Movement joints shall be provided through the tile work, over all construction or expansion joints in the substrate. Follow the Australian Standards requirements for Movement Joints in AS3958. Do not cover movement joints with adhesive.

Mixing

Place potable water into a clean pail and add 328 adhesive powder. Mix by hand or with a slow speed mixer to a smooth, trowelable consistency. Use approximately 5.2 – 6.0 litres of water per 20 kg bag. Allow adhesive to slake for 5 – 10 minutes. Remix without adding any more water or powder.

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 the proper sized notched trowel to insure full bedding of the tile. Spread as much adhesive as can be covered with tile in 10 – 15 minutes or whilst adhesive is wet and tacky. Back butter large tile >200 mm x 200 mm to provide full bedding and firm support if required. Place tiles into wet, sticky adhesive and beat in using a beating block and rubber mallet to imbed 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.

Grouting

Grout after a minimum of 24 hours curing at 21°C using PERMACOLOR® Select Grout; PERMACOLOR Grout; or, WIDE JOINT XL Grout. For greater stain & chemical resistance use: SPECTRALOCK PRO Premium Grout; SPECTRALOCK 2000 IG; or, LATAPOXY SP-100 Grout.

Cold Weather Note

The setting of Portland cement adhesives, mortars and grouts are retarded by low temperatures. Protect finished work for an extended period when installing in cold weather. For faster setting adhesives use LATICRETE Rapid Setting Thin-Set Adhesives and Additives. Do not set tile when surface temperature is below freezing or when substrate is frozen.

Hot Weather Note

The evaporation of moisture in Portland cement adhesives, mortars and grouts is accelerated by hot, dry conditions. Apply to dampened surfaces and protect freshly spread adhesive and finished work when installing in temperatures over 35°C.

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 require routine cleaning with a neutral pH detergent and water. All stone and tiles should be maintained and sealed with STONETECH® products as appropriate for the specific tile / stone and installation situation.

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

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® 2000 IG will not contribute to any noticeable efflorescence. For further information, see TDS1159.

LATICRETE Australia

29 Telford Street, Virginia

QLD 4014 Australia

1800 331 012

www.laticrete.com.au