



335 Rapid Premium Flexible Adhesive

DS-1002-0412



1. PRODUCT NAME

LATICRETE® 335 Rapid Premium Flexible Adhesive

2. MANUFACTURER

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3. PRODUCT DESCRIPTION

LATICRETE 335 Rapid Premium Flexible Adhesive is a high performance, rapid setting, bagged cementitious powder to be mixed with water to install low absorption ceramic tile, porcelain tile and natural stone using the thin-set method of installation. It is classified as a C2TFS1 when tested to AS4992.1 & 2.

Uses

Excellent for exterior and underwater applications. Superior bond to masonry. The ultimate rapid thin-set adhesive for porcelain and glass tile. Use where quick to traffic time installations are required.

Advantages

- Interior and exterior use
- High performance flexible cement based adhesive.
- High tack, non sag.
- Easy to use – Plastic and workable.

Suitable Substrates

- Concrete
- Concrete masonry
- Cement mortar beds
- Cement plaster
- Ceramic tile and stone
- Brick masonry
- Cement backer board**
- Cement terrazzo

- Gypsum wallboard*
- Suitable waterproof membrane

* Interior use only.

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

Packaging

20 kg bag; 56 bags per pallet

Available Colour

Grey

Approximate Coverage

4 – 5 m² with a 10 mm x 10 mm notched trowel

7 – 8 m² with a 6 mm x 6 mm notched trowel

Shelf Life

Factory sealed containers of the LATICRETE 335 Rapid Premium Flexible Adhesive is 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 the bagged product.

Limitations

- Use LATAPOXY® 300 Adhesive for installing green marble or water sensitive stone, agglomerates or tile.
- Use white mortar for installing white or light coloured marble or stone.
- Not for use over carpet adhesive, vinyl tile cutback adhesive or plastic laminates.
- 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 or L/480 for thin bed stone installations where L=span length.

Cautions

- 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.

4. TECHNICAL DATA

Working Properties at 21°C

Property	Value
Open Time	>15 minutes
Pot Life	>40 minutes
Ready to Grout	3 – 4 hours
Wet Density	1650 kg/m ³
Time to Light Pedestrian Traffic	4 hours

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.

5. INSTALLATION

All work should be in general accordance with AS3958.1 & 2 unless otherwise stated in this document.

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. “No minimum cure time for concrete slabs are required when thin-set mortar is mixed with LATICRETE Latex additives. All slabs must be plumb and true to within 5 mm in 3 m. Expansion joints shall be provided through the tile work, over all construction or expansion joints in the substrate. Follow Australian Standards requirements for Expansion Joints in AS3958.1 Section 5.4.5 & AS3958.2 Section 4.5 or TCNA detail EJ-171 “Movement Joints – Vertical & Horizontal”. Do not cover expansion joints with adhesive.

Mixing

Place potable water into a clean pail and add LATICRETE 335 Rapid Premium Flexible Adhesive powder. Mix by hand or with a slow speed mixer to a smooth, trowelable consistency. Use approximately 4.6 – 5 litres of water per 20 kg bag. Allow mortar to slake for 3 minutes. Remix without adding any more water or powder.

Application

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

Note: Use the proper sized notched trowel to insure full bedding of the tile. Spread as much mortar as can be covered with tile in 5 – 10 minutes or whilst adhesive is wet and tacky. Back butter large tiles >200 mm x 200 mm to provide full bedding and firm support if required. Place tiles into wet, sticky mortar and beat in using a beating block and rubber mallet to imbed tile and adjust level. Check mortar for complete coverage by periodically removing a tile and inspecting bedding mortar transfer onto back of tile. If mortar is skinned over (not sticky), remove and replace with fresh mortar.

Grouting

Grout after a minimum of 3 hours curing at 21°C using LATICRETE PermaColor™ Grout; or, LATICRETE Sanded Grout or LATICRETE Smooth Grout mixed with LATICRETE 1776 Grout Enhancer. For maximum stain resistance use LATICRETE SpectraLOCK® PRO Grout.

Cleaning

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

Tile on Tile work

Existing ceramic tile must be firmly bonded to rigid floor construction. Tiled surfaces to receive tile must be prepared; shiny and highly glossed glazes should be removed by

scarification; always cleaned to remove grease, wax, oil or any other contamination that will inhibit bond; cleaned with alkaline solutions like Tri-sodium Phosphate (TSP) or electric dishwasher powder and hot water after surface preparation (follow cleaning agent manufacturers safe use instructions) as required and rinsed with clean water and allowed to dry after cleaning.

Apply a continuous skim coat of mortar, nominally 1.5 mm thick before combing additional mortar over the skim coat using the appropriate sized trowel.

6. 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.

7. 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.

8. 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

9. 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.
- 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, LATICRETE SpectraLOCK PRO Grout, LATAPOXY SP-100 and LATICRETE SpectraLOCK 2000 IG will not contribute to any noticeable efflorescence.

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