



LATICRETE[®] 335

Flexible Premium Cementitious Adhesive

DS-335aus.0-0609



1. PRODUCT NAME

LATICRETE[®] 335 Flexible Premium Cementitious Adhesive for ceramic tile and stone.

2. MANUFACTURER

LATICRETE Pty Ltd
29 Telford Street,
VIRGINIA. QLD. 4014.

Telephone: 03 99336111
Toll Free: 1800331012
Fax: 03 99336199
Email: laticreteoz@laticrete.com.au
Internet: www.laticrete.com.au

3. PRODUCT DESCRIPTION

LATICRETE 335 Flexible Premium Cementitious Adhesive is a high performance 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 C2TES1 when tested to AS4992.1 & 2.

Uses

Excellent for exterior and underwater applications. Superior bond to masonry. The ultimate thin-set adhesive for porcelain and glass tile.

Advantages

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

Suitable Substrates

- Concrete
- Cement mortar beds
- Ceramic tile and stone
- Cement backer board**
- Gypsum Wallboard*
- Concrete Masonry
- Cement plaster
- Brick Masonry
- Cement Terrazzo
- Suitable waterproof membrane

*Interior use only.

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

Packaging

20 kg bags, 56 bags to the pallet

Colour

Off-white & White

Approximate Coverage

Approximately 6 – 7 M ² / 20kg bag with a 10mm x 10mm notch trowel
Approximately 9 – 10 M ² / 20kg bag with a 6mm x 6mm notch trowel

Shelf Life

Factory sealed containers of the LATICRETE 335 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 the bagged product.

Limitations

- Use LATAPOXY 300[®] Epoxy 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

Performance Properties

As per AS4992

Test Method	Result
28 day Tensile strength - AS4992	>1.5MPa
Water immersion – AS4992	>1.5MPa
Heat Ageing – AS4992	>1.5MPa
Transverse deformation – AS4992	>2.5mm

Working Properties @ 21°C

Property	Value
Open Time	30 minutes
Pot Life	4 hours
Time to light traffic	8-10 hours
Wet Density	1710kgs/m 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.

5. INSTALLATION

All work should be in general accordance with AS3958.1 -2007.

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 6mm in 3m. 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 and 2. Do not cover expansion joints with adhesive.

DO NOT bond to particle board, luan, Masonite® or hardwood surfaces.

Mixing

Place potable water into a clean pail and add LATICRETE 335 powder. Mix by hand or with a slow speed mixer to a smooth, trowelable consistency. Use approximately 5.5ltrs of water per 20kg bag. This will yield approximately 17-18ltrs of adhesive. Allow mortar to slake for 5-10 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 10-15 minutes or whilst adhesive is wet and tacky. Back butter large tiles > 200mm x 200mm 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 24 hours curing at 21°C using LATICRETE Sanded or Unsanded Grout mixed with LATICRETE 1776 Grout Admix Plus. For maximum stain resistance use LATAPOXY 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 as required and rinsed with clean water and allowed to dry after cleaning.

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



may depend on properly maintaining products supplied by other manufacturers.

9. TECHNICAL SERVICES

Technical assistance

Information is available by calling:

Toll Free: 1800331012

Telephone: 03 99336111

FAX: 03 99336199

6. AVAILABILITY AND COST

Availability

LATICRETE® and LATAPOXY® materials are available worldwide. For distributor information:

Toll Free: 1800331012

Melbourne Telephone: 03 99336111

Brisbane Telephone: 07 38651599

Cost

Contact a LATICRETE Distributor in your area.

7. WARRANTY

LATICRETE warrants that LATICRETE® 335 Flexible Premium Cementitious Adhesive is free from manufacturing defects and will not break down, deteriorate or disintegrate under normal usage for a period of ten (10) year from date of purchase subject to the terms and conditions stated in Data Sheet 230.10Paus LATICRETE Product Warranty. In addition, when used as a component of a LATICRETE System Installation, LATICRETE® 335 is warranted for a period of ten (10) years from the date of purchase subject to the terms and conditions stated in Data Sheet 230.10Saus LATICRETE System Warranty.

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, 300, GP100, SpectraLock, SP100 and L2000 will not contribute to any noticeable efflorescence.

8. 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

Data sheets are subject to change without notice. For latest revision, check our website at www.laticrete.com.au