



LATICRETE® Lataflex Gold Flexible Multipurpose Adhesive

LDS668aus.0 170310



1. PRODUCT NAME

LATICRETE® Lataflex Gold, Flexible Multipurpose Adhesive

2. MANUFACTURER

LATICRETE Pty Ltd
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Footscray West. VIC. 3012.
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Toll Free: 1800331012
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3. PRODUCT DESCRIPTION

LATICRETE Lataflex Gold Flexible Multipurpose Adhesive is a rubber, polymer fortified cementitious thin-set powder for installing ceramic, porcelain and natural stone tile to internal/external floors and walls. Lataflex Gold Flexible Multipurpose Adhesive is classified as a C1TS1 when tested to AS4992.1 & 2.

Uses

Designed for the installation of particularly non porous tiles over; concrete, cement sheet, cement mortars and suitable waterproof membranes in both internal and external areas. Suitable for tile over tile application to internal installations.

Advantages

- Creamy easy to use formulation. Superior workability.
- Medium build, non sag adhesive for large tiles.
- Helps to prevent the transmission of cracks from approved substrates when subjected to horizontal in plane movement.
- Has a green footprint, consumes recycled rubber.

Suitable Substrates

- Concrete and concrete masonry
- Existing Tiles*
- Compress cement sheet~
- Exterior grade plywood*~
- Gypsum boards*
- Screeds and Mortar Beds

*Interior use only.

~Consult cement backer board & Plywood manufacturer for specific installation recommendations and to verify acceptability for use.

Packaging

20 kg bags, 56 bags to the pallet

Colour

Off-white

Approximate Coverage

Yield is approximately 12-14m² with a 6mm x 6mm trowel and approximately 9-11m² with a 10mm x 10mm notched trowel.

Shelf Life

Factory sealed containers of the Lataflex Gold 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 heavy duty applications.

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

- 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 and ANSI A118.4

Test Method	Result
28 day Tensile strength - AS4992	1.1N/mm ²
Porcelain 7 day shear bond – A118.4	1.75MPa
Compressive strength 7 day test – A118.4	5.52MPa
28 day Freeze/Thaw – AS4992	0.75N/mm ²
Transverse deformation – AS4992	3mm
28 day shear bond to plywood – A118.4	1.08MPa

Working Properties @ 21°C

Property	Value
Open Time	25 minutes
Pot Life	4 hours
Time to light traffic	8-10 hours
Wet Density	1300kgs/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 7 days old before application. 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 LATAFLEX GOLD powder. Mix by hand or with a slow speed mixer to a smooth, trowelable consistency. Use approximately 6ltrs of water per 20kg bag. This will yield approximately 20ltrs 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 10 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.

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Cleaning

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

Tile on Tile work

Existing internal ceramic tile must be firmly bonded to rigid floor construction. Tiled surfaces to receive tile must be; prepared by scarification to remove shiny and glossy glazes; 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 if required; rinsed with clean water and allowed to dry after cleaning.

Substrates that have a layer of existing carpet or water soluble vinyl adhesive are not suitable to receive a tile or stone installation using the direct bond method. The carpet/water soluble vinyl adhesive should be thoroughly removed back down to the sound, suitable substrate before commencing with the tile installation.

Apply a continuous skim coat of mortar, nominally 1.5mm 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: 1800331012
Melbourne Telephone: 03 99336111
Brisbane Telephone: 07 38651599

Cost

Contact a LATICRETE Distributor in your area.

7. WARRANTY

LATICRETE warrants that LATICRETE® Lataflex Gold, Flexible Multipurpose 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 Lataflex Gold 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 restricted to replacement of product proven faulty.
- 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 2000 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 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