



4237 Rapid Latex Additive

4237 Rapid Latex Additive is a specially designed latex additive for use with 211 to make high strength latex thin-set bed up to 3 mm thick and medium bed up to 15 mm thick mortars. For installing all types of ceramic tile, natural stone and agglomerates. Also for use with Portland cement to make slurry bond coats for mortar beds and for use with thin set adhesives to give improved performance.

**Globally Proven
Construction Solutions**



Location: Myer, Westfield Garden City, Brisbane, QLD



FEATURES/BENEFITS

- High strength
- Rapid setting
- Weather resistant

SUITABLE SUBSTRATES

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

* Interior use only

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

USES

Used for installation of all types of ceramic tile, brick, natural stone and agglomerates. 4237 Rapid Latex Additive offers the speed and economy of adhesives with the permanent, water resistant dependability of Portland cement.

PACKAGING

- 19 litre pail; 32 pails per pallet

MANUFACTURER

LATICRETE Australia Pty Ltd
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

- Per 19 litres of 4237 Rapid Latex Additive mixed 75 kg of 211
- 25 – 30 m² using a 6 mm x 6 mm square notched trowel
- 18 – 23 m² using a 6 mm x 9 mm square notched trowel

Shelf Life

Factory sealed containers of this product are guaranteed to be of first quality for five (5) years if stored indoors and off the ground at temperatures >0°C and <43°C.

Limitations

- Use LATAPOXY® 300 Adhesive for installing green marble or water sensitive natural stone and agglomerates.
- Use a white thin set adhesive when installing white or light coloured natural stone.
- Adhesives/mastics, mortars and grouts for ceramic tile, pavers, brick and stone are not replacements for waterproof 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 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.

TECHNICAL DATA

Meets and exceeds the requirements of a C2FS1 when tested to AS ISO 13007.1 & 2 when mixed with 211.

Working Properties

4237 Rapid Latex Additive mixed with 211 at 21°C

Open Time	15 minutes
Pot Life Up to	30 minutes
Time to Foot Traffic	4 hours
Wet Density	1637 kg/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.

INSTALLATIONS

Unless otherwise noted in this document all work shall be in accordance to AS3958.1 & 2.

Surface Preparation

All surfaces should be between 4°C and 27°C and structurally sound, clean and free of all dirt, oil, grease, loose peeling paint, concrete sealers or curing compounds. Rough or uneven concrete surfaces should be made smooth with 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. **Note:** Latex Portland Cement Mortars do not require a minimum cure time for concrete slabs. All slabs must be plumb and true to within 5 mm in 3 m. Expansion joints shall be provided through the tile work from all construction or expansion joints in the substrate. Follow the Australian Standards requirements for Expansion Joints in AS3958.1 Section 5.4.5 and AS3958.2 Section 4.5 or TCNA detail EJ-171 "Movement Joints – Vertical & Horizontal". Do not cover expansion joints with mortar.

Mixing

Stir 4237 Rapid Latex Additive thoroughly before use. Use approximately 5 litres of 4237 Rapid Latex Additive to 20 kg of 211. Place 4237 Rapid Latex Additive in a clean plastic pail. Do not dilute. Add 211 to 4237 Rapid Latex Additive and mix to a smooth, trowelable consistency. Allow mortar to slake for 5 minutes. Adjust consistency if necessary. Remix and apply with the proper sized notched trowel.

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. It is essential that enough mortar is used to completely cover the back of the tile with a minimum 2 mm to 3 mm uniform thickness. Spread as much mortar as can be covered with tile in 5 – 10 minutes. Back butter large tiles >200 mm x 200 mm to provide full bedding and firm support. 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.

Grouting

Grout after a minimum of 4 hours curing at 21°C or when dry, using PERMACOLOR® Select Grout; PERMACOLOR Grout; PERMACOLOR NS Grout; or, Smooth Grout. For greater stain & chemical resistance use SPECTRALOCK® PRO Premium Grout or other LATAPOXY Grouts. For further information see TDS1400.

Cold Weather Note

The setting of Portland cement mortars and grouts are retarded by low temperatures. Protect finished work for an extended period when installing in cold weather. 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 mortars is accelerated by hot, dry conditions. Apply to dampened surfaces and protect freshly spread mortar and finished work when installing in temperatures over 35°C.

Cleaning

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

[^] United States Patent No.: 6,784,229 (and other Patents).

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

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 LATICRETE is not responsible for any loss or damage arising from the incorrect use 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, LATAPOXY SP-100, SPECTRALOCK® PRO Premium Grout[†] and SPECTRALOCK 2000IG will not contribute to any noticeable efflorescence.

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