



LATICRETE LATABOND

Data Sheet Latabondaus.0

1. PRODUCT NAME

LATICRETE LATABOND.

2. MANUFACTURER

LATICRETE Pty Ltd.

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3. PRODUCT DESCRIPTION

LATICRETE Latabond is a specially designed latex admixture for use in Portland cement mortars. Designed to be used with site mixed sand and cement or LATICRETE 226 mortar mix, to make cement mortar beds, cement renders, stuccos, cement grouts, thin-set mortars, cement bond coats and other cement mixes to improve the performance of these mortars and cement mixes.

Uses – Used in place of water, LATICRETE Latabond improves the performance, working and physical properties of any cement mix and provides an economical and easy way to make permanent, trouble-free installations of ceramic tile, brick, natural stone or pavers.

Advantages

- Reduces water absorption of mortar.
- Interior and exterior installations.
- Increased bond and compressive strength.
- Superior flexibility.
- Shock, vibration, chemical and frost resistant.

Suitable Substrates

- Concrete & cement mortar beds.
- Ceramic tile & stone.
- Cement renders & plasters.
- Concrete masonry & brick.

Packaging –

20 litre container, 48 containers per pallet.

5 litre jerry cans

1 litre jerry cans

200 litre drums (special orders)

Shelf Life – Factory sealed containers of this product are guaranteed to be of first quality for one (1) year if stored at temperatures >0°C and <43°C.

Limitations

- This product will not eliminate efflorescence but aid in its reduction.
- This is not suitable a bonding medium for green marble or water sensitive natural stone or agglomerates.

- Mortars, grouts and adhesives for pavers, natural stone and ceramic tiles are not replacements for waterproof membranes.
- Use a LATICRETE waterproof membrane when required.
- Note: Surfaces must be structurally sound, stable and rigid enough to support ceramic/stone tile, brick, pavers or 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.

Caution

- When using site mixed sand with cement, ensure sand is dry to avoid dilution of the latex.
- 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 in high temperatures
- During cold weather, protect finished work from traffic until fully cured.
- Keep out of reach of children.

4. TECHNICAL INFORMATION.

Physical properties of LATICRETE 226 Thick bed mortar mixed with LATICRETE Latabond

Specific Gravity	1.02
Density of Mortar	1,842kg/cubic metre
28 day compressive strength	> 27.7Mpa

5. INSTALLATION

Preparation

All surfaces should be structurally sound, clean and free of dirt, oil, grease, concrete sealers, form release oils or curing compounds. Loose plaster, paint and other debris must be removed. Dusty concrete or masonry should be dampened with water prior to the application of the mortar. Surfaces to be grouted should be dampened with a wet sponge prior to grouting.

Application

Full Mortar Beds (bonded to substrate) – Add LATICRETE Latabond to LATICRETE 226 Thick Bed Mortar or 3:1 site mixed sand/cement and slowly mix. Adjust mixture to produce a semi-dry consistency. Before placing mortar, apply a slurry bond coat made from Latabond and pure Portland cement. While the slurry is wet spread the mortar and compact well. Be sure the mortar is well compacted. If placing tile or paver immediately, apply a slurry bond coat, on top of the freshly placed full bed mortar. While the slurry coat is still

wet place the tile/paver and beat in. Wait 12 hours or until work is firm before grouting.

Thin-Set Mortars – Combine LATICRETE Latabond with LATICRETE Thin-Set Mortars. Mix until mortar is creamy and plastic. Allow mortar to slake 5-10 minutes then remix. DO NOT OVER MIX. Work the mortar into the surface using the flat side of the trowel. Then apply additional mortar with the notched side, taking care to use enough mortar so that the tiles will be completely bedded in mortar. Back butter large tiles > 200mm x 200mm. Place tile while mortar is still wet and tacky. Twist and beat tiles to firmly bed. Allow mortar to set until firm before grouting.

Grouting – Combine LATICRETE Latabond Admix with a LATICRETE cement grout; mix to smooth, stiff consistency. Grout colour may vary due to working conditions. Dampen the tile surface with water. Place grout on floor and work into joints using a hard rubber float. Use diagonal strokes to pack the joints. Remove excess grout by holding the float a right angle to the surface and work diagonally across the joints. Allow grout to become firm before cleaning. Rub surface with a nylon pad or a coarse cloth. Use minimal water for clean up.

Renderers & Plasters – Add the LATICRETE 226 Mortar Mix or 3:1 site mixed sand and Portland cement to the LATICRETE Latabond, mix slowly. Adjust the mixture to produce a trowelable mortar mix with a small amount of additional latex or dry powder as required. Apply with trowel in the same manner as normal plasters. Work mortar into surface with trowel. Trowel lightly to remove any surface marks. DO NOT OVER TROWEL. Do not attempt to apply more than 12mm of mortar on wall surface at one time. The coating can be finished with a wood, cork, or sponge float to provide decorative textured finishes. Cover any installation subject to rapid drying conditions such as hot temperatures, sunlight and wind.

Cleaning

Clean tools and tilework with water while mortar is fresh.

6. WARRANTY

LATICRETE warrants that LATICRETE Latabond Latex Mortar Additive is free from manufacturing defects and will not break down, deteriorate or disintegrate under normal usage for a period of 1 year.

7. TECHNICAL SERVICES

Technical assistance and information is available by calling the LATICRETE Technical Service Line:

Toll Free	1800331012
Telephone	03 99336111
Fax	03 99336199

Call Laticrete for up to date technical data sheets, material safety data sheets and how to brochures.

Note: Efflorescence is regarded a normal condition of Portland cement mortars, concrete, cement masonry, tiles, grouts and adhesives.