

### 1. PRODUCT NAME

LATICRETE® 226 Thick Bed Mortar

### 2. MANUFACTURER

LATICRETE Pty Ltd  
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 Footscray West. VIC. 3012  
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### 3. PRODUCT DESCRIPTION

LATICRETE 226 Thick Bed Mortar is a factory prepared blend of carefully selected raw materials, Portland cement and graded aggregates. Designed for use with LATICRETE 3701 Mortar Admix to produce a latex Portland cement mortar that has exceptional strength.

#### Uses

For interior and exterior use for preparing conventional thick cement mortar beds, cement plasters, and concrete repairs.

#### Advantages

- Premixed - No jobsite blending of powders required
- Safe - Non-flammable. Safe to store and mix
- Economical - saves time and money
- Easy to Use - no special tools required
- High strength formula
- Versatile - wet and dry areas, walls, floors, ceilings, interior and exterior

#### Suitable Substrates

(When mixed with LATICRETE 3701 Mortar Admix)

- Concrete
- Ceramic Tile & Stones
- Concrete Masonry
- Brick Masonry
- Exterior Grade Plywood\*
- Cement Mortar Beds
- Cement Backer Board\*\*
- Cement Plaster
- Cement Terrazzo

\* For interior only, over cleavage membrane with wire reinforcing.

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

#### Packaging

20 kg moisture-resistant bags, 56 bags per pallet

#### Shelf Life

Factory sealed containers of this product 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 bagged product.

#### Limitations

- Use LATAPOXY® 300 Epoxy Adhesive for installing green marble or water sensitive natural stone and agglomerates.
- 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.

### Cautions

- During cold weather, protect finished work from traffic until fully cured.
- 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.
- Do not take internally. Silica sand may cause cancer or serious lung problems. Avoid breathing dust. Wear a respirator in dusty areas.
- Keep out of reach of children

### 4. TECHNICAL DATA

#### Applicable Standards

- Conforms to ANSI A-118.4-1999: Latex Portland Cement Mortar (When mixed with LATICRETE 3701 Mortar Admix).

#### Performance Properties

LATICRETE 226 Thick Bed Mortar mixed with LATICRETE 3701 Mortar Admix

Test/Test Method	Results
Water Absorption ANSI A118.6-1999; H-4.4	<5%
Compressive Strength ANSI A118.4-1999; F-6.1	34.5 MPa
TCA Service Rating ASTM C-627	Extra Heavy

#### Working Properties

LATICRETE 226 Thick Bed Mortar mixed with LATICRETE 3701 Mortar Admix 21°C

Pot Life	1 hour
Time to Foot Traffic	12 hours
Time to Heavy Traffic	72 hours
Wet Density	2166 kg/m <sup>3</sup>

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

#### Surface Preparation

All surfaces should be between 4°C and 32°C and structurally sound, clean and free of all dirt, oil, grease, loose peeling paint, concrete sealers or curing compounds. Dry, dusty concrete slabs or masonry should be dampened and excess water swept off. Installation may be made on a damp surface. Expansion joints shall be provided through the tile work from all construction or expansion joints in the substrate. Follow Australian Standards "Requirements for Expansion Joints" or TCA Detail EJ171 "Expansion Joints". Do not cover expansion joints with mortar.

#### Mixing Mortar Bed

Use approximately 20 kg of LATICRETE 226 Thick Bed Mortar to 1.9 litres of LATICRETE 3701 Mortar Admix for semi-dry mix. 19 litres of LATICRETE 3701 Mortar Admix mixes with approximately 10 bags of LATICRETE 226 Thick Bed Mortar yielding approximately 10m<sup>2</sup> @ 10 mm thick.

Mix to a stiff, semi-dry consistency (Refer to bag for mixing hints). Mix ratio may vary dependant upon weight of finish.

### **Application Mortar Bed**

Before placing mortar, apply a slurry bond coat made from LATICRETE 4237 Latex Thin-Set Mortar Additive mixed with LATICRETE 211 Crete Filler Powder. While the slurry bond coat is wet spread the mortar and compact well. If placing tile immediately, apply a slurry bond coat, made from LATICRETE 4237 Latex Thin-Set Mortar Additive mixed with LATICRETE 211 Crete Filler Powder, to the mortar. While the slurry bond coat is wet and sticky, place the tile and beat in well.

### **Concrete Repair and Resurfacing**

Apply a slurry bond coat to all reinforcing steel and existing clean, sound and stable concrete surfaces just prior to placing the topping. While the slurry bond coat is wet and sticky place the topping mortar. Compact the surface of the mortar with a flat trowel and insure all voids are filled. Avoid over troweling.

**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. For faster setting mortar use LATICRETE 101 Rapid Latex Mortar Admix mixed with LATICRETE 226 Thick Bed Mortar.

**Hot Weather Note:** The evaporation of moisture in Portland cement mortars is accelerated by hot, dry conditions. Apply mortar 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.

## **6. AVAILABILITY AND COST**

### **Availability**

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

Toll Free: 1800331012

Telephone: 03 99336111

For on-line distributor information, visit LATICRETE at <http://www.LATICRETE.com>.

### **Cost**

Contact a LATICRETE Distributor in your area for complete pricing information.

## **7. WARRANTY**

LATICRETE International, Inc. warrants that LATICRETE® 226 Thick Bed Mortar is free from manufacturing defects and will not break down, deteriorate or disintegrate under normal usage for a period of seven (7) years from the date of purchase subject to the terms and conditions stated in Data Sheet 230.7P LATICRETE Product Warranty. In addition, when used as a component of a LATICRETE System Installation, LATICRETE 226 Thick Bed Mortar is warranted for a period of ten (10) years from date of purchase subject to the terms and conditions stated in Data Sheet 230.10S LATICRETE System Warranty.

## **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 the LATICRETE Technical Service Hotline

(hours 8:00 AM to 5:00 PM EST):

Toll Free: 1800331012

Telephone: 03 99336111