

LATICRETE® 226 Thick Bed Mortar



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® 3642 Latex Concentrate to produce high strength, latex fortified Thick bed adhesive, screed and plaster that meet and exceed the requirements of National and International Standards.

Application

For interior and exterior use for preparing thick bed adhesive, cement plasters and screeds.

Advantages

- Suitable for wet areas and submerged conditions.
- High Strength Flexible, shock & impact resistant.
- Improved adhesion to vitrified tile.
- Improved bond strength, compressive & tensile strength easy to use fast & economical.
- Serves as good base for Large format stones on walls and floors.

Suitable Substrates

(When mixed with LATICRETE® 3642 Latex Concentrate)

- Concrete
- Concrete Masonry
- Brick Masonry
- Cement Terrazzo
- Cement Mortar Beds
- Cement Plaster
- Brick Masonry

Packaging - 50 kg bag

Colour: Grey and White

Coverage

Coverage will be based on following mix design.

Coverage will vary depending on type and size of tile and substrate

Thickness	L226	L3642	Water	Coverage
12 mm	50 kg	1.25 ltr	3.75 ltr	25 sft
25 mm	50 kg	1.25 ltr	3.75 ltr	12 sft
35 mm	50 kg	1.0 ltr	4.0 ltr	8 sft
50 mm	50 kg	0.83 ltr	4.17 ltr	5 sft

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® 9237/ Hydroban 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

**MYK LATICRETE**

TECHNICAL DATA

Applicable Standard

Conforms to ANSI A-118.4-1992: Latex Portland Cement Mortar (When mixed with LATICRETE® 3642 latex Concentrate).

Performance Properties

LATICRETE® 226 mixed with LATICRETE® 3642 Latex concentrate

Test	Results
Compressive strength	3500 psi (24.1 MPa)
Flexural Strength	1500 psi (10.3 MPa)
Tensile strength	400 psi (2.7 MPa)

Working Properties at 70°F (21°C)

LATICRETE 226 mixed with LATICRETE® 3642 Latex Concentrate

Pot Life	1 hour
Time to Foot Traffic	24 hours
Time to Heavy Traffic	72 hours

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.

INSTALLATION

Surface Preparation

All surfaces should be between 40°F(4°C) and 90°F(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. All slabs must be plumb and true to within ¼”(6mm) in 10 ft(3m). Expansion joints shall be provided through the tile work from all construction or expansion joints in the substrate. Follow ANSI Specification AN-3.8 “Requirements for Expansion Joints” or TCA Detail EJ171 “Expansion Joints”. Do not cover expansion joints with mortar. Glass Mesh Mortar Unit: follow TCA installation detail W244. in temperatures over 95°F (35°C).

Mixing

Stir LATICRETE® admixture thoroughly before use.

Use approx. 50kg of Laticrete 226 thick bed adhesive mortar with 1 ltr of Laticrete 3642 & 4 ltr of potable water. Mix by hand or with a slow speed mixer to semi dry consistency.

Application

a) Thick bed adhesive

Before placing mortar, apply a slurry bond coat made from Laticrete® 3642 latex concentrate pre-diluted with water 1:1 and mix with cement & sand 1:1. While the slurry bond coat is wet spread mortar & compact well.

For placing tiles apply another slurry bond coat over the mortar bed & install tiles. Laticrete SBA 20 mixed with approximately 8 Liters of water is best for installation of tiles. The tiles shall be placed & beaten in the mortar while the slurry bond coat is wet and sticky.

b) Floor Screeds

Before placing mortar, apply bonding slurry of LATICRETE® 3642 pre-diluted with water 1:1 and cement: sand 1:1 to the mortar. While the bonding slurry is wet spread the mortar and compact well.

Follow the standard rules of creating the movement joints for Adhered screeds, Floating screeds and the thicknesses of respective screeds as per the international standards. For better performance of screeds, it is also recommended to use wire mesh as specified by the engineer at site.

c) Plaster

Plumb, square and true wall with applications of mortar. Level, fill and patch block with site mix mortar or LATICRETE® 226 Thick Bed Mortar Mix gauged with pre-diluted LATICRETE® 3642.

Plasters made with site mix may slump if applied in more than 6mm thickness. Plasters made with LATICRETE® 226 can be applied in thicknesses as great as 25 mm without the plaster slumping.

Cleaning

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

**MYK LATICRETE**

AVAILABILITY AND COST

Availability

LATICRETE® and LATAPOXY® materials are available worldwide.

MAINTENANCE

LATICRETE® and LATAPOXY® products require routine cleaning with neutral pH soap and water or MYK LATICRETE Clenza series suitable cleaners. All other LATICRETE® and LATAPOXY® materials require no maintenance but proper installation as per instruction.

Performance and durability may depend on properly maintaining of Installed area.

WARRANTY

MYK Laticrete India Pvt Ltd 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 one (1) year from manufacturing of the product subject to the terms and conditions stated in LATICRETE® Product Warranty.

TECHNICAL SERVICES

Technical assistance

Phone No:

09555666476

09555655544

E-mail: mattindia1@gmail.com

MATT INDIA CO

G-25, SECTOR -63,
GAUTAM BUDDH NAGAR,
UP-201307 INDIA

Phone No:

09555666476

09555655544

E-mail: mattindia1@gmail.com