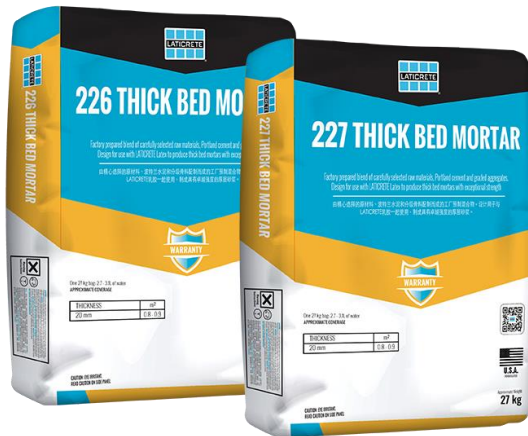




Globally Proven
Construction Solutions

226 / 227 Thick Bed Mortar

Factory prepared blend of carefully selected raw materials, Portland cement and graded aggregates designed for use with LATICRETE Mortar Admix to produce a latex Portland cement mortar with exceptional strength



FEATURES/BENEFITS
<ul style="list-style-type: none"> ▪ Premixed; No jobsite blending of powders required ▪ Non-flammable; Safe to store and mix ▪ Easy to use ▪ Economical ▪ Suitable for wet and dry areas. Wall, floors, ceilings, interior and exterior ▪ High strength formula "Extra Heavy Service" rating per TCNA performance level (RE: ASTM C627 Robinson Floor Test)

MANUFACTURER
<p>LATICRETE (Malaysia) Sdn Bhd #18-08, Faber Tower 2, Jalan Desa Bahagia, Taman Desa, 58100 Kuala Lumpur, Malaysia Tel: +603 7989 9188 Fax: +603 7972 0331 Internet: https://ma.laticrete.com</p>

SUITABLE SUBSTRATES
<ul style="list-style-type: none"> ▪ Concrete ▪ Ceramic Tile and Stones ▪ Concrete Masonry ▪ Brick Masonry ▪ Cement Mortar Beds ▪ Cement Plaster ▪ Cement Terrazzo

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

PACKAGING
27kg bag; 50 and 80 bags per pallet



This product has been certified green under UL GREENGUARD and the Singapore Green Building Council

Approximate Coverage

27kg bag of 226 Thick Bed Mortar (floor screed) when mixed with 2.7ℓ – 3.1ℓ of 3701 Mortar Admix yields approximately 0.8m² – 0.9m² at 20mm thick

27kg bag of 227 Thick Bed Mortar (wall plaster) when mixed with 4.0ℓ – 4.5ℓ of 3701 Mortar Admix yields approximately 0.8m² – 1.0m² at 20mm thick

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 at temperatures > 0°C and < 40°C

*High humidity will reduce the shelf life of bagged product

Limitations

- Use LATAPOXY® 300 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 designed as replacements for waterproof membranes. When a waterproof barrier is required, use a LATICRETE waterproof membrane

Cautions

Consult MSDS for more safety information

- 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

TECHNICAL DATA**Applicable Standards****VOC/LEED Product Information**

This product has been certified for Low Chemical Emissions (ULCOM/GG UL2818) under the UL GREENGUARD Certification Program For Chemical Emissions For Building Materials, Finishes and Furnishings (UL 2818 Standard) by UL Environment



Total VOC Content of product in unused form is 0.00g/ℓ

Performance Properties

226 Thick Bed Mortar mixed with 3701 Mortar Admix

Test	Test Method	Results
Compressive Strength	ASTM C109	>35N/mm ²
Water Absorption	ASTM C413	<4%
Flexural Strength	ASTM C348	>8N/mm ²
Tensile Adhesion (28 days)	BS 13892-8	> 3N/mm ²
Modulus of Elasticity	BS 1881-121	>510000psi
TCNA Service Rating	ASTM C627	Extra Heavy

Working Properties

226 Thick Bed Mortar mixed with 3701 Mortar Admix

Properties	226 Thick Bed Mortar	227 Thick Bed Mortar
Pot Life (30°C)	1 hour	1.5 hour
Time to Light Traffic	>24 hours	N/A

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 4°C – 32°C and structurally sound, clean and free of all dirt, oil, grease, laitance, 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 of expansion joints in the substrate. Follow ANSI specification A108-01 – 3.7 “Requirements for Movement Joints: Preparations by Other Trades” or TCNA detail EJ-171 “Movement Joints – Vertical & Horizontal”. Do not cover expansion joints with mortar

Application

Mixing – 226 Thick Bed Mortar (Floor Screed)

Mix 27kg bag of 226 Thick Bed Mortar to 2.7ℓ of 3701 Mortar Admix. 19ℓ of 3701 Mortar Admix mixes with approximately 7 bags of 226 Thick Bed Mortar, yielding approximately 4m² at 25mm thick. Mix to a stiff, semi-dry consistency. Mix ratio may vary depending upon weight of finish

Installation – 226 Thick Bed Mortar (Floor Screed)

Pre-screed before installation – Immediately before placing fresh mortar, apply and work into the surface a nominal 1-2mm thick slurry bond coat made of 335 Premium Flexible Adhesive or other specified bond coats to the prepared substrate. Whilst the bond coat is still wet and tacky, spread and screed the mortar mix over the bond coat and compact well as the work progresses. Finish with a wood float to the required surface tolerances, falls and levels. Allow to dry for the application of membranes or tile

Wet-bed installation – In the case where tiles or pavers are to be beaten into a fresh, plastic semi-dry mortar bed that has been applied over a slurry bond coat as above; screed to the desired levels and falls, and compact. Float the surface flat and tight with a surcharge of mortar (additional mortar to account for the compaction in the beating and bedding process). Then apply a nominally 2mm thick slurry bond coat to the surface of the plastic mortar bed (only to the area that will immediately receive tile or paver) with the flat edge of the trowel. While the slurry bond coat is wet and tacky, place the tile and beat in well to the correct level and alignment

Application

Mixing – 227 Thick Bed Mortar (Wall Render)

Mix 27kg bag of 227 Thick Bed Mortar to 4ℓ of 3701 Mortar Admix. 19ℓ of 3701 Mortar Admix mixes with approximately 5 bags of 227 Thick Bed Mortar, yielding approximately 5.8m² at 12mm thick. Mix to a plastic consistency

Installation – 227 Thick Bed Mortar (Wall Render)

No slurry bond coat is required prior to placing wall renders. Apply wall render with a steel trowel pressing mortar into good contact with the substrate. Apply “scratch coat” first – not to exceed 12mm thickness. Scratch mortar before it hardens. After “scratch coat” hardens, apply the “brown or float coat” working the mortar into good contact with the scratch coat. Do not exceed 15mm thickness per lift. Scratch all lifts that will receive additional float coats. Float wall with steel trowel and straight edges to form a plumb and true mortar surface. Allow the completed render coats to cure for 24 hours at 21°C prior to the installation of tile

Application

Concrete Repair and Resurfacing – Mixing

Mix 27kg bag of 226 Thick Bed Mortar to 4ℓ of 3701 Mortar. 20ℓ of 3701 Mortar Admix mixes approximately 5 bags of 226 Thick Bed Mortar, yielding approximately 5.8m² at 12mm thick. Mix to a plastic consistency. Mix ratio may vary dependent upon weight of finish

Concrete Repair and Resurfacing – Installation

Before placing mortar, apply a slurry bond coat made from 254 Platinum or 4237 Latex Additive mixed with 211 Crete Filler Powder. Apply slurry bond coat to all reinforcing steel and existing clean, sound and stable concrete surfaces just prior to placing the mortar. While the slurry bond coat is wet and sticky, place the topping mortar. Compact the surface of the mortar with a flat trowel and ensure all voids are filled. Avoid over trowelling.

Note: A slurry bond coat should also be applied to the edges of mortar beds installed from previous work periods

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

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 32°C

Cleaning

Clean tools and tile work with water while mortar is fresh

AVAILABILITY AND COST

Availability

LATICRETE materials are available worldwide

For distributor information, call:

Telephone: +603 7989 9188

Fax: +603 7972 0331

For online distributor information, visit LATICRETE at <https://ma.laticrete.com>

Cost

Contact a LATICRETE distributor in your area

WARRANTY

LATICRETE (Malaysia) Sdn Bhd warrants that 226 / 227 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 date of purchase subjected to terms and conditions stated

A component of:

LATICRETE 5 Years System Warranty

LATICRETE 10 Years System Warranty

MAINTENANCE

LATICRETE grouts require routine cleaning with a neutral pH detergent and water. All stone and tiles should be maintained and sealed with STONETECH® products as appropriate for the specific tile / stone and installation situation

All other LATICRETE materials require no maintenance but installation performance and durability may depend on properly maintaining products supplied by other manufacturers

TECHNICAL SERVICE/CONTACT

Technical Assistance

Information is available by calling:

LATICRETE (Malaysia) Sdn Bhd
#18-08, Faber Tower 2, Jalan Desa Bahagia,
Taman Desa, 58100 Kuala Lumpur,
Malaysia

Telephone: +603 7989 9188

Fax: +603 7972 0331

Email: enquiry@laticrete.com.my

Technical and safety literature

To acquire technical and safety literature, please visit our website at <https://ma.laticrete.com>