



Globally Proven
Construction Solutions

315 Tile Adhesive

315 Tile Adhesive is a High Performance bagged cementitious powder to be mixed with either water or latex admixture to install ceramic tile and natural stone using the thin-set method of installation.



ADVANTAGES

- High tack – Will hang tile without slippage
- Dual purpose, for walls and floors
- Ready to use, just mix with water except for exterior facades.
- Long open time.
- Water & heat resistant.
- Strong bond and durable.

MANUFACTURER

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USES

Designed for interior or exterior installation of ceramic tile and natural stone for walls and floors.*

Must fortify with LATICRETE 73 Crete Admix / 282 Grout and Mortar Fortifier for impervious tiles, porcelain, mosaic, glass and stone tiles, use with cement backer board and heavy traffic areas.

**For exterior façade, mix with LATICRETE® 282 Grout and Mortar Fortifier.*

PACKAGING / COLOR

Packaging - 20kg bag; 72 bags per pallet

Color: Grey and White

Suitable Substrates

- Concrete
- Cement plaster
- Concrete masonry
- Cement mortar bed
- Cement terrazzo
- Brick Masonry
- Ceramic Tiles & Stones

Approximate Coverage

20 Kg bag will cover approximately 5 to 6 m² using 6 x 6 mm square notch trowel.

* Interior Use Only

** When mixed with 333 Super Flexible Additive. Interior use only.

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

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

- 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.

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

Consult SDS for more safety information.

- 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. Avoid breathing dust. Wear a respirator in dusty areas.
- Keep out of reach of children.

TECHNICAL DATA**Applicable Standards**

Meets ANSI A 118.4 -1999 & BS5980, Class AA when mixed with Latex.

Meets ANSI A 118.1 – 1999 when mixed with water.

Working Properties @ 23°C

Open Time	55 minutes
Pot Life	2 hrs
Time to traffic	48 hrs
Wet Density	1.70 gm/cm 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

LATICRETE® 315 with LATICRETE 73 Crete Admix

Shear bond strength (Impervious tiles)

28 days ambient 2.55 MPa

Compressive strength 17.24 MPa

INSTALLATION**Surface Preparation**

All surfaces should be between 4° C to 35° C and structurally sound, clean and free of all dirt, oil, grease, loose peeling paint, laitance, 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. All slabs must be plumb and true to within 6mm in 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 Details EJ171 "Expansion Joints". Do not cover expansion joints with mortars. Cement Backer Board; follow TCA installation detail W244.

Mixing

Place clean potable water into a clean pail, Add LATICRETE 315 powder. Use approximately 4.2 – 4.6 Liters of water for 20 Kg bag of powder. Mix by hand or with a slow speed mixer to a smooth, trowelable consistency. Allow mortar to slake for 5 – 10 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. Spread as much mortar as can be covered with tile in 15-20 minutes. Back butter large tiles (>20x20cm) 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. If mortar is skinned over (not sticky), remove and replace with fresh mortar.

Cleaning

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

AVAILABILITY AND COST**Availability**

LATICRETE and LATAPOXY® materials are available worldwide.
For Distributor information, call: LATICRETE ME details

Cost

Contact a LATICRETE/LATAPOXY Distributor in your area.

WARRANTY

LATICRETE MIDDLE EAST L.L.C. warrants that LATICRETE® 315 Tile Adhesive is free from manufacturing defects and will not break down, deteriorate or disintegrate under normal usage for a period of one (1) year. Subject to the terms and conditions stated.

TECHNICAL SERVICES

Information is available by calling the LATICRETE Technical Service

Telephone: + 971 7 244 6396

Technical and Safety Literature

To acquire technical and safety literature, please visit our website at: www.laticrete.me
