



Globally Proven
Construction Solutions

LATAPOXY® 310 Rapid Stone Adhesive

LATAPOXY® 310 Rapid Stone Adhesive is a fast setting two component, high strength epoxy adhesive, which is formulated for the spot bonding of tile and stone installations on vertical surfaces. LATAPOXY 310 Rapid Stone Adhesive maintains its non-sag consistency at high temperatures up to 95°F (35°C).



FEATURES/BENEFITS

- Fast Permanent Bond—5–8 minutes.
- Easy to Use—1:1 mixing ratio by volume.
- Non-Staining—ideal for white and light colored—marbles, other stones and tiles.
- Withstands shock and vibration.
- Durable Permanent Bond—will not deteriorate over time.
- Safe—no solvents.
- Non-Sag—when applied up to 1" (25 mm) thick.
- Approved by the following building code bodies for exterior installations: ICC and IBC.

USES

- Spot bonding marble, granite, adhered masonry veneer and large format ceramic tile on walls and overheads, interior or exterior applications.
- Ideal for fireplace surrounds, elevators and stair risers.
- Adhesive for bedding and fastening marble, granite and other stone slabs on walls and wainscoting.
- Adhesive for fabricating granite, marble and other stone.
- Approved by TCNA for Interior applications method W215 and W260

MANUFACTURER/ DISTRIBUTED BY

LATICRETE South East Asia Pte Ltd (Level 2, A3)
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STANDARDS/CERTIFICATIONS

- ANSI A118.3
- ISO 13007-2

Packaging

- Mini Unit—2 gal (8 L) units packed in one carton.
 - 8 mini jars of Part A, 0.5 QT (0.5 L)
 - 8 mini jars of Part B, 0.5 QT (0.5 L)
 - 40 cartons per pallet, Available in standard and rapid versions
- Full Unit—2.6 gal (10 L) All components packed in one carton
 - 1.3 gal (5 L) Part A pail
 - 1.3 gal (5 L) Part B pail
 - 40 cartons per pallet, Available in standard and rapid versions
- Commercial Unit—2.6 gal (10 L) each Part A and Part B pails
- Cartridge Packs—2.3 gal (9 L) For use in LATAPOXY 310 Cordless Mixer:
 - 15 x 20oz (600 mL) cartridge packs of Part A and Part B per carton, 27 cartons per pallet. Available in standard and rapid version.

Approximate Coverage

The coverage for LATAPOXY® 310 Rapid Stone Adhesive will vary depending upon the amount of product required to plumb the wall. The chart below is based on 10% coverage of the area of each tile or stone piece:

Average Inches Out of Plumb	LATAPOXY® 310 Thickness	Approx. Coverage/ 10 Liter Unit
Plumb Wall	1/8" Thick (3 mm)	300–325 ft ² (27–30 m ²)
1/4" (6 mm)	1/4" Thick (6 mm)	150–170 ft ² (14–16 m ²)
1/2" (12 mm)	1/2" Thick (12 mm)	75–80 ft ² (7–7.5 m ²)

Shelf Life

Factory sealed containers of this product are guaranteed to be of first quality for two (2) years if stored at >32°F (0°C) to <110°F (43°C).

Cautions

Consult MSDS for more safety information.

- Keep out of reach of children.
- LATAPOXY 310 Rapid Stone Adhesive has a slight, non-hazardous odor.
- During cold weather, protect finished work from traffic until fully cured.
- LATAPOXY 310 Rapid Stone Adhesive Part A is corrosive to eyes and skin before curing. Avoid contact with eyes or prolonged contact with skin. In case of contact, flush thoroughly with water.

- Consult local building code for requirements.

INSTALLATION

Preparation

Before using, store resins at room temperature >70°F (>21°C) for 24 hours to ensure ease of mixing. All surfaces must be sound, clean, free of oil, waxes, frost, curing agents, form release agents or other bond inhibiting contaminants. All substrates must be clean and dry when applying LATAPOXY 310 Rapid Stone Adhesive. 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—Current Year "Expansion Joints". DO NOT cover expansion joints with mortar.

Finished veneers equipped with any type of resin, mesh, epoxy or fiberglass backing must be ground in those areas to receive LATAPOXY 310 Rapid Stone Adhesive.

Clean and grind back of stone in areas to receive the LATAPOXY® 310 Rapid Stone Adhesive spots using a mechanical wheel grinder with a diamond wheel/blade. Remove dust with a stiff brush and wipe entire surface. Using a damp sponge (not wet), wipe the tile or stone to remove any particles or remaining dust to ensure a clean direct bond and that all ground material is removed. Wipe dry with a clean cloth, then apply LATAPOXY 310 Rapid Stone Adhesive.

Application

Apply dabs evenly distributed on back of the stone or tile; 5 dabs minimum, 1 in each corner and 1 in center. Cover at least 10% of the area of each piece. Finished dab thickness must be a minimum of 1/8" (3 mm) and a maximum of 1" (25 mm).

Approximate dab diameter required to achieve 10% coverage with 5 dabs:

Tile Size	Dab Diameter
12" x 12" (300 mm x 300 mm)	2" (50 mm)
24" x 24" (600 mm x 600 mm)	4" (100 mm)
36" x 36" (900 mm x 900 mm)	6" (150 mm)

After installation of LATAPOXY 310 Rapid Stone Adhesive onto the back of the veneer, install onto substrate and adjust for plumb and level.

AVAILABILITY AND COST

Availability

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

Telephone: (65) 6515-3028

Fax: (65) 6515-3037

For on-line distributor information, visit LATICRETE at se.laticrete.com

Cost

Contact a LATICRETE Distributor in your area.

WARRANTY

LATICRETE SOUTH EAST ASIA PTE LTD warrants that LATAPOXY® 310 Rapid Stone Adhesive 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 subject to the terms and conditions stated in Data Sheet.

MAINTENANCE

To maintain finish, dust mop and wet mop daily with mild detergent. If a higher gloss is required, spray buff with an ultra high speed buffing machine. When finish has dulled, strip the finish thoroughly and recoat the floors as above.

TECHNICAL SERVICES/ CONTACT

Technical Assistance

Information is available by calling:

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Technical and safety literature

To acquire technical and safety literature, please visit our website at se.laticrete.com