



# 9 Mastic

DS-284.0-0310



## 1. PRODUCT NAME

LATICRETE® 9 Mastic

## 2. MANUFACTURER

LATICRETE International, Inc.  
1 LATICRETE Park North  
Bethany, CT 06524-3423 USA

Telephone: +1.203.393.0010, ext. 235  
Toll Free: 1.800.243.4788, ext. 235  
Fax: +1.203.393.1684  
Internet: [www.laticrete.com](http://www.laticrete.com)

## 3. PRODUCT DESCRIPTION

LATICRETE 9 Mastic is a ready-to-use latex adhesive for interior installation of ceramic tile on floors and walls.

### Suitable Substrates (Interior Use Only)

- Concrete\*
- Cement plaster
- Brick masonry
- Gypsum wallboard
- Concrete masonry
- Cement mortar beds\*
- Cement backer board\*\*
- Exterior glue plywood

\* Cured 28 days.

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

### Packaging

3.5 US Gallon (13.3 l) pail; 36 pails per pallet.

### Approximate Coverage

50–60 ft <sup>2</sup> (4.6–5.6 m <sup>2</sup> ) 1 US gallon (3.8 l) using a 1/8" (3 mm) V-notch trowel.
30 ft <sup>2</sup> (2.8 m <sup>2</sup> ) 1 US gallon (3.8 l) using a 3/16" (5 mm) V-notch trowel.
20 ft <sup>2</sup> (1.9 m <sup>2</sup> ) 1 US gallon (3.8 l) using a 1/4" x 1/4" (6 mm x 6 mm) square notch trowel.

### Shelf Life

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

## Limitations

- Interior use only, maximum wall tile size 10" x 10" (250 mm x 250 mm), maximum floor tile size 6" x 6" (150 mm x 150 mm).
- Not for use over wallpaper or sandy brown coat plaster.
- Not for use with lug back tile on floors, or for installing bathroom fixtures.
- Not for use in areas subject to constant water exposure immersion or hydrostatic pressure (e. g. steam rooms, pools etc.)
- DO NOT bond to OSB, particle board, luan, Masonite® or hardwood surfaces.
- Marble and stone may be sensitive to discoloration. Conduct test area to ensure compatibility.
- Not recommended for use below 45°F (7°C).
- Not recommended for impervious porcelain tile over 2" x 2" (50 mm x 50 mm).
- Adhesives/mastics, mortars and grouts for ceramic tile, pavers, brick, and stone are not replacements for waterproofing membranes. When a waterproofing membrane is required, use a LATICRETE Waterproofing Membrane (see Section 10 FILING SYSTEMS) with a LATICRETE polymer fortified thin-set.
- Not recommended for use over waterproofing membrane. Use a LATICRETE Fortified Mortar for these applications.
- DO NOT use a notched trowel larger than 1/4" x 1/4" (6 mm x 6 mm).

**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 MSDS for more information:

- Protect floor installations from traffic for at least 24 hours. Low temperatures <68°F (<20°C) will require longer protection.
- Contains Ethylene Glycol and Mineral Spirits. May cause eye and skin irritation. Avoid contact with eyes or prolonged contact with skin. In case of contact, flush thoroughly with water and get prompt medical attention.
- Do not take internally.
- For white and light-colored marbles use LATICRETE 255 MultiMax™.
- For green and moisture sensitive marbles, use LATAPOXY® 300 Adhesive (refer to Data Sheet 633.0).
- Keep out of reach of children.

## 4. TECHNICAL DATA

### Applicable Standards

Conforms to ANSI Standard for Organic Adhesives A136.1/Type I and II requirements.

## Working Properties (70°F [21°C])

Open Time	60 minutes
Color	Off-white
Density	13.2 lb /gal (1.59 kg/l)

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 45°F (7°C) and 90°F (32°C) and structurally sound, clean and free of all dirt, oil, grease, paint, 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 finish or better. Do not level with gypsum or asphalt based products. Dry, dusty concrete slabs or masonry should be cleaned, dampened and excess water swept off and allowed to dry. Installation must not be made on a damp surface. New concrete slabs shall be damp cured and a minimum 28 days old before application. All slabs must be plumb and true to within 1/4" (6 mm) in 10 ft (3 m).

1. Installer must verify that deflection under all live, dead and impact loads of interior plywood floors does not exceed industry standards of L/360 for ceramic tile and brick or L/480 for stone installations where L=span length.

2. Minimum construction for interior plywood floors.  
**SUBFLOOR:** 5/8" (15 mm) thick exterior glue plywood, either plain with all sheet edges blocked or tongue and groove, over bridged joints spaced 16" (400 mm) o.c. maximum; fasten plywood 6" (150 mm) o.c. along sheet ends and 8" (200 mm) o.c. along intermediate supports with 8d ring-shank, coated or hot dip galvanized nails (or screws); allow 1/8" (3 mm) between sheet ends and 1/4" (6 mm) between sheets edges; all sheet ends must be supported by a framing member; glue sheets to joints with construction adhesive.

**UNDERLAYMENT:** 5/8" (15 mm) thick exterior glue plywood fastened 6" (150 mm) o.c. along sheet ends and 8" (200 mm) o.c. in the panel field (both directions) with 8d ring-shank, coated or hot dip galvanized nails (or screws); allow 1/8" (3 mm) to 1/4" (6 mm) between sheets and 1/4" (6 mm) between sheet edges and any abutting surfaces; offset underlayment joints from joints in subfloor and stagger joints between sheet ends; glue underlayment to subfloor with construction adhesive. Refer to Technical Data Sheet 152 "Bonding Ceramic Tile, Stone or Brick Over Wood Floors" for complete details.

### Application

Clean substrate using a sponge or towel. Apply adhesive to substrate with flat side of trowel and work into substrate. Then comb the adhesive with the notched side of the trowel, removing excess material. Spread only as much as can be tiled while adhesive is wet and tacky, approximately 30–40 minutes. Press (do not slide) tile into the adhesive and align. Beat or twist all tile until fully bedded. Check work regularly for full contact between tile back and adhesive.

**Note:** Do not install tile in adhesive that has developed a skin. Scrape surface clean and spread fresh material.

### Cleaning

Clean fresh adhesive with soap and water. Dried adhesive may be removed with steel wool. Dried adhesive on tools may be cleaned with mineral spirits.

**Caution:** Avoid open flames and have adequate ventilation when using mineral spirits. Follow manufacturer's safety warnings.

### Storage

Keep the container closed when not using. Store in warm area 70°F (21°C) for 12 hours before using.

## Grouting

Grout installation after a minimum of 24 hours curing time at 70°F (21°C). Grout with LATICRETE PermaColor™ Grout, or LATICRETE 1500 Sanded Grout or LATICRETE 1600 Unsanded Grout mixed with LATICRETE 1776 Grout Enhancer. For maximum stain resistance use LATICRETE SpectraLOCK® PRO Grout.

## 6. AVAILABILITY AND COST

### Availability

LATICRETE and LATAPOXY materials are available worldwide.

### For Distributor information, call:

Toll Free: 1.800.243.4788

Telephone: +1.203.393.0010

For on-line Distributor information, visit LATICRETE at [www.laticrete.com](http://www.laticrete.com).

### Cost

Contact a LATICRETE Distributor in your area.

## 7. WARRANTY

See 10. FILING SYSTEM

DS 230.13: LATICRETE Product 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 5:30 PM EST):

Toll Free: 1.800.243.4788, ext. 235

Telephone: +1.203.393.0010, ext. 235

Fax: +1.203.393.1948

### Technical and safety literature

To acquire technical and safety literature, please visit our website at [www.laticrete.com](http://www.laticrete.com).

## 10. FILING SYSTEM

Additional product information is available on our website at [www.laticrete.com](http://www.laticrete.com). The following is a list of related documents:

- DS 230.13: LATICRETE Product Warranty
- DS 685.0: LATICRETE SpectraLOCK® PRO Grout
- DS 236.0: LATICRETE 9235 Waterproofing Membrane
- DS 633.0: LATAPOXY 300 Adhesive
- DS 256.0: LATICRETE 1500 Sanded Grout
- DS 258.0: LATICRETE 1600 Unsanded Grout
- DS 265.0: LATICRETE 1776 Grout Enhancer
- DS 255.0: LATICRETE 255 MultiMax™
- DS 250.0: LATICRETE PermaColor™ Grout
- DS 663.0: LATICRETE Hydro Ban™
- TDS 152: Bonding Ceramic Tile, Stone or Brick Over Wood Floors

LATICRETE International, Inc.  
One LATICRETE Park North, Bethany, CT 06524-3423 USA • 1.800.243.4788 • +1.203.393.0010 • [www.laticrete.com](http://www.laticrete.com)

©2010 LATICRETE International, Inc.  
LATICRETE, LATAPOXY, SPECTRALOCK and the  logo are Registered Trademarks of LATICRETE International, Inc.  
Masonite is a registered trademark of Masonite International Corporation.

DS-284.0-0310