



15 Premium Mastic

DS-286-0420

**Globally Proven
Construction Solutions**



1. PRODUCT NAME

15 Premium Mastic

2. MANUFACTURER

LATICRETE International, Inc.

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3. PRODUCT DESCRIPTION

15 Premium Mastic is a white, non-flammable, ready to use latex adhesive designed for interior installations of ceramic tile and natural stone on both floors and walls. Pre-mixed, creamy and smooth, this water-resistant adhesive is ideal for installations over cement backer board, gypsum wallboard and plywood.

Uses

- 15 Premium Mastic is designed for the installation of ceramic tile on interior floors and walls. Cures to a clean, white color, making it suitable for light colored and white ceramic tile and grouts.

Advantages

- High Tack
- Non-Slip

Suitable Substrates

- Concrete
- Cement Plaster
- Brick Masonry
- Concrete Masonry
- Masonry Walls
- Gypsum Wallboard
- Gypsum Plaster
- Cement Block
- Cement Mortar Bed
- Cement Backer Board
- Exterior Glue Plywood (Floors Only)

Packaging

Color: white

1 US gallon (3.8 L) Pail; 4 per carton; 30 cartons per pallet

3.5 US gallon (13.25 L) Pail; 36 pails per pallet

Approximate Coverage

50-60 ft² (4.6-5.6 m²) 1 US gallon (3.8 L) using a 1/8" (3 mm) V-notch trowel.

30 ft² (2.8 m²) 1 US gallon (3.8 L) using a 3/16" (5 mm) V-notch trowel to install ceramics and mosaics over smooth wall surfaces.

20 ft² (1.9 m²) 1 US gallon (3.8 L) using a 1/4" (6 mm) Square notch trowel to install quarry tile on floors.

Shelf Life

Factory sealed containers of this product are guaranteed to be of first quality for one (1) year if stored at temperatures >35°F (2°C) and <100°F (38°C). Protect from freezing.

Limitations

- Interior use only.
- Not for use over wallpaper or sandy brown coat plaster.
- Not for use with lug back tile on floors, or for setting bathroom fixtures.
- Not for use in areas subject to constant water exposure, immersion or hydrostatic pressure.

- Do not apply to presswood, particleboard, luan, Masonite®, or chipboard.
- Not for use in steam rooms, commercial showers, fountains or submerged applications.
- Not for use over a waterproofing membrane. Use a LATICRETE® Latex Fortified Mortar for these applications.
- Use LATAPOXY® 300 Adhesive for installing green marble or water sensitive natural stone and agglomerate tile products.
- 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 recommended for impervious porcelain tile over 2" x 2" (50 mm x 50 mm) size.
- Natural marble and stone may be sensitive to discoloration. Conduct test area to insure compatibility.
- DO NOT bond to OSB, particle board, interior glue plywood luan, Masonite® or hardwood surfaces.
- 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

- During cold weather, protect finished work from traffic until fully cured.
- Protect floor installations from traffic for at least 24 hours. Low temperatures <math><68^{\circ}\text{f}><20^{\circ}\text{c}></math> will require longer.
- Do not take internally.
- Keep out of reach of children.
- See container label for precautionary measures for use, handling, and storage before use.

4. TECHNICAL DATA

Applicable Standard

- ANSI A136.1/Type I and II

Physical Properties

Physical Properties	Test Method	Results	ANSI A136.1 Specification
Shear Strength Dry	ANSI A136.1–6.2.3.1.	200–300 psi (1.4–2.1 MPa)	? 50 psi (0.34 MPa)
Type I Water Immersion	ANSI A136.1–6.2.3.2	50–60 psi (0.34–0.4 MPa)	? 50 psi (0.34 MPa)
28–day Conditioned Dry	ANSI A136.1–6.2.3.3	200–300 psi (1.4–2.1 MPa)	? 50 psi (0.34 MPa)

Working Properties

Open Time	20-30 minutes
Color	White
Density	13.6 lbs/gal (1.6 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 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. Rough or uneven concrete surfaces should be made smooth with 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 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:

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. **SUBFLOOR:**

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. **UNDERLAYMENT:**

Application

Clean substrate using a damp 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 20-30 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 set tile in adhesive that has developed a skin. Scrape surface clean and spread fresh material.

Cleaning

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

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

Grouting

Grout installation after a minimum of 24-48 hours curing time at 70°F (21°C). Grout with SPECTRALOCK® PRO Premium Grout†, SPECTRALOCK PRO Grout†, PERMACOLOR® Grout‡ mixed with water.

Storage

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

6. AVAILABILITY AND COST

Availability

LATICRETE 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 laticrete.com

Cost

Contact a LATICRETE Distributor in your area.

7. WARRANTY

See 10. FILING SYSTEM:

- DS 230.13: 1 Year 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:

Toll Free: 1.800.243.4788, ext. 1235

Telephone: +1.203.393.0010, ext. 1235

Fax: +1.203.393.1948

Technical and Safety Literature

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

10. FILING SYSTEM

Additional product information is available on our website at laticrete.com. The following is a list of related documents:

- DS 230.13: LATICRETE Product Warranty (United States and Canada)
- DS 250.0: PERMACOLOR Grout
- DS 633.0: LATAPOXY 300 Adhesive
- DS 681.0: SPECTRALOCK PRO Premium Grout
- DS 685.0: SPECTRALOCK PRO Grout

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