

LATICRETE® 9237 Waterproofing Membrane



PRODUCT DESCRIPTION

LATICRETE® 9237 Waterproofing Membrane is a roller applied liquid rubber that forms a waterproof membrane for use under thin & thick bed installations of ceramic tile and stone, and other finishes.

Application

Recommended for residential and commercial floor and wall installations such as: kitchens, bathrooms, gang showers and balconies. Also for use as a crack suppression membrane with reinforcing fabric* (over hairline non-structural cracks up to 1/8" (3mm)). For interior and exterior applications.

NOTE: Membrane reinforcing fabric for coves, corners and board joints sold separately. Roll 6" (15cm) wide x 75' (22.85m) long.

Advantages

- Fast & Easy to install -applies like paint
- Water cleanable when fresh
- Non-flammable
- Proven history

Suitable Substrates

- Concrete
- Cement Mortar Beds
- Cement Backer Board**
- Plywood*
- Gypsum Wallboard*
- Masonry
- Cement Terrazzo
- Cement Plaster
- Cement
- Exterior Grade
- Concrete
- Brick Masonry

*Interior use only

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

Packaging - 5 litre & 20 litre pail

Colour - Black

Coverage

Approximately 275-300 sft per 20 litre pail

• Note: 9237 liquid is applied in 2 coats for a total wet thickness of 1.0 - 1.5mm (40-60 mils). Coverage varies based on substrate texture & porosity, and application technique.

Shelf Life

Factory sealed containers of this product are guaranteed to be of first quality for two (2) years if stored indoors at 65-80° F (18- 26° C).

Limitations

- Not a wearing surface - install tile, mortar bed latex fortified plasters or covers with protection board.
- Do not expose to direct ultraviolet (UV) light for longer than 30 days.
- Check with local building codes before using as a shower pan liner.
- Do not apply too thick; dry thickness should not exceed 80mils (.080 inch, 2mm).
- Not designed for direct use over expansion joints, control joints or structural cracks.
- Not designed for use as an exterior primary roofing membrane over occupied space.
- Cold, damp weather will slow the cure of LATICRETE® 9237 Waterproofing Membrane. Do not install when temperatures are below 40° F(5° C).

TECHNICAL DATA

Performance Properties

Based on cured (Dry) membrane thickness of 0.50-0.75mm (20-30 mils).

Physical Properties	Test Method	LATICRETE® 9237 Waterproof membrane
Tensile Strength	ASTM D751-89 16.1	450 psi (3.1 MPa)
Elongation	ASTM D751-89	< 400%
Hydrostatic pressure	FHA 4900.1	40hrs
Bond Strength of quarry tile to Membrane*	ANSI A118.4	350 psi (2.4 MPa)
Bond strength of wall tile to membrane*	ANSI A118.4	375 psi (2.5 MPa)
Dry Time @70°F (21°C) Cure Time@0°F (21°C) Full Cure @ 70°F (21°C)	Tack Free (By observation)	Approx. 2-3 hrs 1 st coat Approx. 3-4 hrs 2 nd coat Approx. 5-7 days
Chemical Resistance	Full immersion 90 days	Brine solution NA Sugar Solution NA Milk NA 10% Citric Acid NA 5% Acetic Acid NA 10%NaOH NA Toluene NR Urine NA Calcium Chloride NA

NR= Not Recommended NA = Not Affected

*Ceramic tile installed with LATICRETE®4237 Latex Thin-Set Additive and LATICRETE® 111 Crete Filler Powder over LATICRETE®9237 on concrete.

Specifications subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on the type of tile/stone/brick used, installation methods and site conditions.

INSTALLATION

Surface Preparation

All surfaces should be between 45° F(8° 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 LATICRETE® Latex Portland Cement underlayment to provide a wood float or better finish. Do not level with gypsum or asphalt based products. Dry, dusty concrete slabs or masonry should be cleaned, dampened and excess water swept off. Installation may be made on a damp surface. New concrete slabs shall be damp cured a minimum of 14 days old before application. All slabs must be plumb and true to within ¼”(6mm) in 10 ft(3m).

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” (15mm) thick exterior grade 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” (150mm) o.c. along sheet ends and 8” (200mm) o.c. along intermeate supports with 8d ring-shank, coated or hot dip galvanized nails (or screws); allow 1/8” (3mm) between sheet ends and ¼” (6mm) between sheets edges; all sheetends must be supported by a framing member; glue sheets to joints with construction adhesive

UNDERLAYMENT:

5/8”(15mm) thick exterior grade plywood fastened 6” (150mm) o.c. along sheet ends and 8” (200mm) o.c. in the panel field (both directions) with 8d ring-shank, coated or hot dip galvanized nails (or screws); allow 1/8” (3mm) to ¼” (6mm) between sheets and ¼” (6mm) 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 “Requirements for Direct Bonding of



Ceramic or Stone Tiles Over Wood Floors” for complete details.

3. DO NOT bond to particle board, luan, Masonite® or hardwood surfaces. Pack gaps in pipe penetrations or similar details with compressible backer rod and suitable flexible sealant. Flash around drains and pipes with LATICRETE® 9237 Waterproofing membrane and reinforcing fabric. Seal tile installation around penetrations with suitable urethane sealant.

Mixing

LATICRETE® 9237 is ready to use. Just stir and apply.

Application

Waterproof Membrane: First treat any coves or corners. Double application of fabric and liquid is required for all coves, corners, board joints and changes in plane. LATICRETE® 9237 Waterproofing Membrane is easily applied using a paint brush or roller (heavy napped roller cover). Apply a liberal coat of 9237 approximately 4”(10cm) each side of corner or cove. Fold 6” (15cm) wide fabric in half and embed in the wet liquid. Press firmly with brush or roller to allow complete “bleed through” of liquid. Top-coat fabric with 9237. Then apply a liberal coat of LATICRETE® 9237 Waterproofing Membrane (20-30 mils (0.5-0.75mm) wet) over the entire surface to be waterproofed, going back over fabric reinforced areas. Allow to dry 2-3 hours (70° F/50%RH). When membrane is dry to the touch, spread a second coat (20-30 mils (0.5-0.75mm) wet) of LATICRETE® 9237 Waterproofing Membrane over the entire surface. Allow membrane to dry 3-4 hours (70° F/50%RH). Tile can be installed using a LATICRETE® fortified mortar when membrane is dry to the touch.

Note: To insure proper application thickness, use a wet film thickness gauge to spot check coated area. Cover thin areas with liquid membrane after checking.

For Crack Suppression: Treat hairline shrinkage cracks (up to 1/8”(3 mm)) in concrete and cement terrazzo. Apply a liberal coat of 9237 approximately 4”(10cm) each side of crack. Imbed 6”(15cm) wide reinforcing fabric and press firmly with brush or roller to allow complete “bleed through” of liquid. Top-coat fabric with LATICRETE® 9237 Waterproofing

Membrane. Tile can be installed when membrane is dry to the touch.

Cleaning

Clean tools with water while liquid is still wet.

AVAILABILITY AND COST

Availability

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

TELEPHONE: +91-40-30413100

FAX: +91-40-23378784

e-mail: contact@myklaticrete.com

Cost

Contact a LATICRETE®/LATAPOXY® Distributor in your area.

MAINTENANCE

LATICRETE® and LATAPOXY® products require routine cleaning with neutral pH soap and water or MYK LATICRETE Clenza series suitable cleaners. All other LATICRETE® and LATAPOXY® materials require no maintenance but proper installation as per instruction.

Performance and durability may depend on properly maintaining of Installed area.

WARRANTY

MYK Laticrete India Pvt Ltd warrants that LATICRETE® 9237 waterproofing Membrane is free from manufacturing defects and will not break down, deteriorate or disintegrate under normal usage for a period of two (2) years from manufacturing of the product subject to the terms and conditions stated in LATICRETE® Product Warranty

TECHNICAL SERVICES

Technical assistance

Information is available by calling the MYK LATICRETE Technical Services at:

Telephone: +91-40-30413100

FAX: +91-40-23378784

e-mail: contact@myklaticrete.com

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