



LATICRETE® Watertight

Floor N' Wall Waterproofing 9240

Data Sheet 649.1AS/NZ

1. PRODUCT NAME

LATICRETE® Watertight Floor N' Wall Waterproofing 9240 with Bio Barrier

2. MANUFACTURER

LATICRETE Pty Ltd.
464 Geelong Rd,
Footscray West. VIC. 3012.
Telephone: 03 99336111
Toll Free: 1800331012
Fax: 03 99336199
Email: laticreteoz@laticrete.com.au
Internet: www.laticrete.com.au

3. PRODUCT DESCRIPTION

LATICRETE Watertight Waterproofing Membrane with Bio Barrier is an easy to use liquid rubber waterproofing designed for use under thin & thick bed installations of ceramic tile and stone in wet areas such as balconies, bathrooms and kitchens. Protects substrates behind the tiles from water damage and inhibits stain causing mold and mildew growth with Bio Barrier anti-microbial protection. For internal and external application. Complies with; AS/NZS4858-2004.

Advantages

- Inhibits stain causing mold and mildew growth with Bio Barrier anti-microbial agent
- Suitable for immersion in showers of residential wet areas.
- Easy to install – applies like paint
- Low odour
- Protects substrates from water damage
- High bond strengths with good adhesives
- Water cleanable
- Low V.O.C.'s

Suitable Substrates

- Concrete
- Cement Backer Board^
- Gypsum Wallboard*
- Cement Screeds
- Exterior Grade Plywood and Particle Board*
- Cement Mortar Beds
- Cement Plaster
- Concrete Masonry
- Brick Masonry

^Consult Cement Backer Board manufacturer for specific installation recommendations and to verify acceptability for exterior use

*Interior use only and Laticrete primer to be applied to particle board.

Packaging

- 7.6 & 19 litre pail
- Color: Seafoam Green

Coverage

Approximately 15 – 18 m² per 19 litre pail and 6 – 7.2m² per 7.6 litre pail

- Note: Watertight liquid is applied in 2 coats for a total wet thickness of 1.0 - 1.5mm. 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 > 0°C and < 43°C.

Limitations

- Not a wearing surface – cover with tile, stone or brick.
- Not for use in applications such as swimming pools, fountains and the like, use LATICRETE 9235 (consult LATICRETE).
- Do not expose to direct ultraviolet (UV) light for longer than 30 days.
- Do not apply too thick; dry thickness should not exceed 2mm.
- Not designed for direct use over expansion joints, control joints or structural cracks.
- Do not install when temperatures are below 7°C.
- Allow membrane extra curing time in cold or damp weather.
- Not a vapour barrier.
- Do not use in areas subject to negative hydrostatic pressure

4. TECHNICAL DATA

Performance Properties

Based on cured (Dry) membrane thickness of 0.50 - 0.8mm.

Physical Properties*	Test Method	LATICRETE® Watertight Waterproof
Control Elongation	AS/NZS4858 2004	>800%
Moisture vapour transmission rate	ASTM 96 Desiccant Method	0.25 g/m ² /24hours
Dry Time @ 21°C Cure Time @ 21°C Full Cure @ 21°C	(Tack Free by observation)	approx. 2-3 hrs 1st coat approx. 3-4 hrs 2nd coat approx. 5-7 days
Chemical Resistance	Full Immersion 90 Day	Brine Solution NA Sugar Solution NA Milk NA 10% Citric Acid NA 5% Acetic Acid NA 10% NaOH NA Toluol NR Urine NA Calcium Chloride NA

NR=

Not Recommended

NA = Not Affected

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.

5. INSTALLATION

Install material in accordance with AS3740-2004 where required for internal wet areas.

Surface Preparation

All surfaces should be between 7°C and 32°C and for 24 hours after installation, structurally sound, clean and free of all dirt, oil, grease, loose peeling paint, laitance, powdery soft fillers, water sensitive levelers, concrete sealers or curing compounds. Surfaces should be smooth, flat and pitched to falls as required. Rough or uneven concrete surfaces can 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, masonry or surfaces 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. 9240 can be applied over Laticrete fortified screeds and renders as soon as they are able to withstand construction traffic or able to be worked on. Prior to waterproofing against PVC protrusions or inlets, clean with sand paper or wire brushing prior to the application.

1. Installer must verify that deflection under all live, dead and impact loads of interior plywood or particle board floors do not exceed industry standards of L/360 for ceramic tile and brick or L/480 for stone installations where L=span length;
2. **DO NOT** bond to luan, Masonite® or hardwood surfaces.
3. Fill gaps in floor/wall junctions, wall/wall junctions, sheet junctions, pipe penetrations or similar details with compressible backer rod and suitable paintable flexible urethane or paintable neutral cure silicone sealant and make ready for bond breaker application. First treat any prepared coves or corners for a 12mm bond breaker as per AS3740-2004. Apply a bead of neutral cure paintable silicone, paintable urethane or masking tape to provide a bond break as per the requirements for a Class 3 membrane.
4. Prime wet area particle board flooring after suitable preparation has been carried out. Laticrete Multi Prime can be applied to all porous surfaces such as porous concrete, plaster board and cement sheet prior to installing the membrane. Surface preparation should be carried out on all surfaces prior to installing primers and membrane. Apply primer on to cleaned surface and whilst still tacky apply membrane. Primers are not required on sound prepared clean concrete, renders or screeds. Consult Laticrete for waterproofing over existing tiles or concrete containing crystalline additives.
5. Application: Apply primer with a medium napped roller or hand pump pressure sprayer and apply membrane whilst primer is tacky.

Mixing

LATICRETE Watertight is ready to use. Just stir and apply.

Waterproof Membrane Application: Multiple applications of liquid are required for all work. LATICRETE Watertight Waterproofing Membrane is easily applied using a paint brush or roller (heavy napped roller cover).

Apply a liberal coat of Watertight approximately to all areas requiring membrane, approx 0.5 - 0.8mm wet thickness. Ensure correct thickness is maintained in corners and coves over bond breakers. Allow to dry 2-3 hours 21°C/50% Relative Humidity.

When membrane is dry to the touch, spread a second coat 0.5 - 0.8 mm wet of LATICRETE Watertight Waterproofing Membrane over the entire surface.

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.

Ceramic Tile and Stone Installation

Tile can be installed using a LATICRETE fortified mortar when membrane is dry to the touch. If installing tile with LATAPOXY 300 Epoxy Adhesive or a LATICRETE Latex Fortified Thick Bed Mortar, first allow membrane to dry thoroughly 2-3 day at 21 °C and 50% Relative Humidity.

Let second coat cure fully 7 days at 21 °C and 50% Relative Humidity before flood testing.

Cleaning

Clean tools with water while liquid is still wet.

6. AVAILABILITY AND COST

Availability

LATICRETE and LATAPOXY materials are available worldwide. To find the Distributor in your area call:

Australia

Toll Free: 1800331012

Telephone: 03 99336111

New Zealand

Telephone 09 5351672

7. WARRANTY

LATICRETE warrants that LATICRETE 9240 Watertight Floor N' Wall Waterproofing Membrane is free from manufacturing defects and will not break down deteriorate or disintegrate under normal usage for a period of Ten (10) Years from date of purchase subject to the terms and conditions stated in Data Sheet 230.10Paus 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.