



# 302 Waterproof Slurry

DS-302.0-0917.me

**Globally Proven  
Construction Solutions**



## 1. PRODUCT NAME

LATICRETE® 302 Waterproof slurry

## 2. MANUFACTURER

**LATICRETE MIDDLE EAST L.L.C.**

P.O. Box. 86028, , Ras Al Khaimah  
United Arab Emirates.

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## 3. PRODUCT DESCRIPTION

LATICRETE 302 Waterproof slurry is a High quality; Polymer fortified cementitious waterproofing material. This product exceeds requirements of EN 14891 and classified as CM OP.

### Uses

- Recommended for wall & floor in wet areas such as toilets, bathrooms, and kitchen.
- Designed for Water tanks waterproofing ( For drinking water tanks, need approval as per local regulations)
- Recommended for water features, fountains & swimming pools.
- For Cellar walls.
- Energy saving reflective roof top waterproof coating.
- Balconies and terraces.
- Surface protection for structural concrete (as protection against CO<sub>2</sub>, Chlorides, Sulphate, humidity)

### Advantages

- Excellent adhesion under chlorinated and lime water.
- Smooth & creamy slurry. Easy to apply.
- Ready to use just mix with water.

- Good sealing properties against water under high hydrostatic pressure.
- Good abrasion and scrap resistance. Can withstand light foot traffic.
- Rooftop waterproofing and energy saving reflective coating.

### Suitable Substrates

- Concrete
- Cement plaster
- Concrete masonry
- Steel
- PVC pipes (After sanding)

### Packaging

20 kg bags. Available in Grey & White colors

### Approximate Coverage

20 Kg bag will cover 8 m<sup>2</sup> with a 2 mm film in two coats.

### Shelf Life

Factory sealed containers of this product are guaranteed to be of first quality for one (1) year if stored off the ground in a dry area.

### Limitations

- Not recommended for negative hydrostatic pressure.
- 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

- Contains Portland cement and silica sand. May irritate eyes and skin. Avoid contact with eyes or prolonged contact with skin. In case of contact, flush thoroughly with water.
- Do not take internally. Avoid breathing dust. Wear a respirator in dusty areas.
- Keep out of reach of children.
- Protect finished work until fully cured.

## 4. TECHNICAL DATA

### Applicable Standard

EN 14891 Class: CM OP

Test	Results	Min. Requirement
Water Impermeability	No penetration	No penetration
Initial adhesion strength	1.8 N/mm <sup>2</sup>	>0.5 N/mm <sup>2</sup>
Adhesion strength after Heat aging	1.7 N/mm <sup>2</sup>	>0.5 N/mm <sup>2</sup>
Adhesion strength after contact with Lime water	1.4 N/mm <sup>2</sup>	>0.5 N/mm <sup>2</sup>
Adhesion strength after contact with chlorinated water	0.9 N/mm <sup>2</sup>	>0.5 N/mm <sup>2</sup>
Adhesion strength after freeze-thaw cycle	2.2 N/mm <sup>2</sup>	>0.5 N/mm <sup>2</sup>
Crack bridging ability	2.36 mm	>0.75 mm

### Working Properties

Pot life	2 Hrs.	Min. Requirement
Time to dry	24 Hrs.	No penetration

Specifications are 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

### Preparation

All surfaces should be between 4° C to 35° C and structurally sound, clean and free of all dirt, oil, grease, loose peeling paint, laitance, concrete sealers or curing compounds. Rough or uneven concrete surfaces should be made smooth with Sand/Cement underlayment to provide a wood float (or better) finish. Dry, dusty concrete slabs or masonry should be dampened and excess water swept off. Installation may be made on a damp surface. All slabs must be plumb and true to within 6mm in 3m. 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 Details EJ171

"Expansion Joints". Do not cover expansion joints with waterproof.

### Mixing

Place clean potable water into a clean pail. Add LATICRETE 302 powder. Use approximately 15 Litres of water for 50 Kg bag of powder. Mix with a slow speed mixer for 5 minutes to a slurry consistency. Allow mix to slake for 5 – 10 minutes. Remix it for 1 minute.

### Application

Apply with brush or trowel on substrate prepared for waterproofing slurry. A minimum of two coats required to form a 2 mm continuous film. Apply the second layer after first coat is dry to touch across the direction of the first coat.

Flood Test: After 72 Hrs. of application.

## 6. AVAILABILITY AND COST

### Availability

LATICRETE and LATAPOXY materials are available worldwide.

### For Distributor information, call:

Telephone : +971 7 244 6396  
Fax : +971 7 244 5915  
Internet : [www.laticrete.me](http://www.laticrete.me)

### Cost

Contact a LATICRETE/LATAPOXY Distributor in your area.

## 7. WARRANTY

LATICRETE RAK Co. L.L.C. warrants that LATICRETE 302 is free from manufacturing defects and will not break down, deteriorate or disintegrate under normal usage for a period of five (5) year from date of purchase subject to the terms and conditions stated.

## 9. TECHNICAL SERVICES

### Technical assistance

Information is available by calling:

Telephone: +971 7 244 6396  
Fax: +971 7 244 5915

### Technical and safety literature

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

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