



## 302 Waterproofing Slurry

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



### 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.

### MANUFACTURER

**LATICRETE Middle East LLC.**  
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### 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, and fountains.
- 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)

### STANDARDS / CERTIFICATIONS

**Applicable Standard**  
 EN 14891 Class: CM OP,  
 ZDB - Merkblatt / DIN  
 18156 - 2 IBH.



**DCLD CERTIFIED**

**Packaging:** 20 Kg bags / 72 bags per pallet  
10 Kg bags / 50 bags per pallet.  
**Colors:** Grey and White

### 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

Consult SDS for more safety information.

- 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.

## TECHNICAL DATA (as per EN 14891 Class: CM OP)

### Physical Properties

| Test   | Results               | Min.                   |
|--|-----------------------|------------------------|
| 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                                 | 1-2 mm                | >0.75 mm               |

### Working Properties

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

**DCLD:** This product has been certified for Low Emitting Materials by Dubai Central Laboratory Department (DCLD) of Dubai Municipality. No.CL20020733: 2017 Al Sa'fat Dubai Green Building Evaluation System.

*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.*

## 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 302 powders, use approximately 5.8 - 6 Litres of water for 20 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, roller or trowel on substrate prepared for waterproofing slurry. After application of the first coat and whilst the coating is still wet, embed a glass fibre mesh at all corners joints, floor wall intersections and peripheral areas of pipelines for added reinforcement. The second coat shall be applied after the first is complete dry.

Allow 7 days cure to achieve its mechanical strength at 25°c and 50% RH. Ensure the total film thickness is 1.5 mm minimum.

**Flood Test:** Allow 7 days curing prior to flood test.

## AVAILABILITY AND COST

### Availability

LATICRETE® materials are available worldwide. For distributor information, please contact LATICRETE Telephone: For on-line distributor information, visit [www.laticrete.com](http://www.laticrete.com).

**Cost:** Contact a LATICRETE® closer distributor to obtain complete information and cost.

### WARRANTY

The supplier warrants this product will not deteriorate under normal conditions and use, the warranty validity of one (1) year. The product subject to the terms and conditions stated in the LATICRETE® Product Warranty. Please consult our technical support for further information

### TECHNICAL SERVICES

Technical assistance

For information contact us by email at:

[enquiry@laticrete.me](mailto:enquiry@laticrete.me)

Technical and safety literature

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

**Warning:** The information and the instructions in the data sheet, although based on knowledge gained through years of applications, are indicative. LATICRETE® unable to directly control the installation conditions and modalities of application of products, do not assume any liability arising from their implementation. Those who want to use the LATICRETE® products must conduct adequate tests to determine the site specifications. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation method and site conditions.

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