302 Waterproof Slurry

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.

### FEATURES/BENEFITS
- 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.

### 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 CO2, Chlorides, Sulphate, humidity)

### MANUFACTURER
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### PACKAGING/ COLOR
- Packaging: 20 Kg bags / 63 bags per pallet
  10 Kg bags / 50 bags per pallet.
- Colors: Grey and White
Approximate Coverage
20 Kg bag will cover 8 m² 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

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

Physical Properties

<table>
<thead>
<tr>
<th>Test</th>
<th>Results</th>
<th>Min. Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Impermeability</td>
<td>No penetration</td>
<td>No penetration</td>
</tr>
<tr>
<td>Initial adhesion strength</td>
<td>1.8 N/mm²</td>
<td>&gt;0.5 N/mm²</td>
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<tr>
<td>Adhesion strength after Heat aging</td>
<td>1.7 N/mm²</td>
<td>&gt;0.5 N/mm²</td>
</tr>
<tr>
<td>Adhesion strength after contact with Lime water</td>
<td>1.4 N/mm²</td>
<td>&gt;0.5 N/mm²</td>
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<tr>
<td>Adhesion strength after contact with Chlorinated water</td>
<td>0.9 N/mm²</td>
<td>&gt;0.5 N/mm²</td>
</tr>
<tr>
<td>Adhesion strength after freeze-thaw cycle</td>
<td>2.2 N/mm²</td>
<td>&gt;0.5 N/mm²</td>
</tr>
<tr>
<td>Crack bridging ability</td>
<td>2.36 mm</td>
<td>&gt;0.75 mm</td>
</tr>
</tbody>
</table>

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 powder, 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 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.

AVAILABILITY AND COST

Availability
LATICRETE® materials are available worldwide. For distributor information, please contact LATICRETE Telephone: For on-line distributor information, visit www.laticrete.me.com

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

LATICRETE Middle East LLC 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) years from date of purchase subject to the terms and conditions stated.

TECHNICAL SERVICES

Technical assistance
For information contact:
enquiry@laticrete.me

Technical and safety literature
To obtain technical and safety literature, please visit our website at www.laticrete.me.com