



302 Waterproof Slurry

LATICRETE 302 Waterproof slurry is a high quality, polymer fortified cementitious waterproofing material. This product exceeds 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
- Rooftop waterproofing with reinforcement

MANUFACTURER

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 Internet: <https://ma.laticrete.com>

USES

- Recommended for wall & floor in wet areas such as toilets, bathrooms and kitchen
- Designed for water tanks waterproofing
- 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)

PACKAGING/COLOUR

- 20KG, Grey

Approximate Coverage

20KG bag will cover approx. 10m² with a consumption of 1kg/coat/m²; 2kg/m² for 2 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

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

Physical Properties

Test	Results	Min Requirement
Water Permeability	No Penetration	No Penetration
Initial Adhesion Strength	2.15N/mm ²	> 0.5N/mm ²
Adhesion strength after Heat Ageing	2.0N/mm ²	> 0.5N/mm ²
Adhesion strength after contact with Lime Water	1.4N/mm ²	> 0.5N/mm ²
Adhesion strength after contact with Chlorinated Water	0.9N/mm ²	> 0.5N/mm ²
Adhesion strength after Freeze-thaw Cycle	2.2N/mm ²	> 0.5N/mm ²
Crack bridging ability	1.0mm	> 0.75mm
Crack bridging ability with anti-fracture fabric	2.42mm	> 0.75mm

Working Properties

Pot Life	2 Hours
Time To Dry	24 Hours

Specifications are subjected 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 4C to 35C 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 waterproofing

Mixing

Add 20kg of 302 powder to 5.8 – 6L of water, mix with a slow speed mixer for 5 minutes to a slurry consistency. Allow mix to slake for 5 – 10 minutes, before remixing it for another 1 minute

Application

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

Flood Test: After 72 Hours of application

AVAILABILITY AND COST

Availability

LATICRETE materials are available worldwide

For distributor information, call:

Telephone: +603 7989 9188

Fax: +603 7972 0331

For online distributor information, visit LATICRETE at <https://ma.laticrete.com>

Cost

Contact a LATICRETE distributor in your area

WARRANTY

LATICRETE (Malaysia) Sdn Bhd warrants that 302 Waterproof Slurry is free from manufacturing defects and will not break down, deteriorate or disintegrate under normal usage for a period of one (1) year from date of purchase subjected to terms and conditions

MAINTENANCE

LATICRETE grouts require routine cleaning with a neutral pH detergent and water. All stone and tiles should be maintained and sealed with STONETECH products as appropriate for the specific tile/stone and installation situation

All other LATICRETE materials require no maintenance but installation performance and durability may depend on properly maintaining products supplied by other manufacturers

TECHNICAL SERVICE/CONTACT

Technical Assistance

Information is available by calling:

LATICRETE (Malaysia) Sdn Bhd
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Technical and safety literature

To acquire technical and safety literature, please visit our website at <https://ma.laticrete.com>

DISCLAIMER

- The information contained in this document is given in good faith and to the best of our knowledge is true and accurate
- This information is subject to change without notice and it is the responsibility of the user to obtain up to date and current information
- The use of this product is beyond our control and liability is assumed by the user when used incorrectly and not in accordance with LATICRETE guidelines
- The manufacturer is not responsible for any loss or damage arising from incorrect usage of this product
- The specifier or other party responsible for the project must ensure that the details in this data sheet are appropriate for the intended application and that additional detailing is performed for specific design or any areas that fall outside the scope of this specification
- Efflorescence is a normal condition of Portland cement and is not covered by any warranty