# 305 Tile Glue

305 Tile Glue is an economical, bagged cementitious powder to be mixed with water for installing Ceramic tile using the thin-set method of installation.

<table>
<thead>
<tr>
<th>FEATURES/BENEFITS</th>
<th>USES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ready to use, just mix with water.</td>
<td>Designed for interior installation of small / medium size ceramic tile on floor &amp; wall.</td>
</tr>
<tr>
<td>Good open time.</td>
<td></td>
</tr>
<tr>
<td>Good bond and durable.</td>
<td></td>
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</tbody>
</table>

## MANUFACTURER

**LATICRETE Middle East LLC.**  
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## PACKAGING/ COLOR

**Packaging:** 20 Kg bags / 63 bags per pallet  
**Colors:** Grey and White
Suitable Substrates
• Concrete masonry
• Cement mortar bed
• Brick Masonry

Coverage
Approximate coverage for per 20 kg bag.

<table>
<thead>
<tr>
<th>NOTCH TROWEL</th>
<th>COVERAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 mm x 6 mm</td>
<td>5.0–6.0 m²</td>
</tr>
<tr>
<td>6 mm x 9 mm</td>
<td>4.5–5.5 m²</td>
</tr>
<tr>
<td>12 mm x 12 mm</td>
<td>2.5–3.0 m²</td>
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</table>

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
- Adhesives/mastics, mortars and grouts for ceramic tile, pavers, brick and stone are not replacements for waterproof membranes. When a waterproof membrane is required, use a LATICRETE Waterproof Membrane.

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
Meets ANSI A118.1

Working Properties (At 23°C)

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wet density</td>
<td>1.70 gm/cm³</td>
</tr>
<tr>
<td>Open time</td>
<td>25 minutes</td>
</tr>
<tr>
<td>Pot life</td>
<td>2 Hrs.</td>
</tr>
<tr>
<td>Time to traffic</td>
<td>48 Hrs.</td>
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</tbody>
</table>

Note: Specifications 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 LATICRETE® Latex Portland 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 plum 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 mortars. Cement Backer Board; follow TCA installation detail W244.

Mixing
Place clean potable water into a clean pail. Add LATICRETE 305 powder. Use approximately 4.2 – 4.4 Liters of water for 20 Kg bag of powder. Mix by hand or with a slow speed mixer to a smooth, trowelable consistency. Allow mortar to slake for 5 – 10 minutes. Adjust consistency if necessary. Remix and apply with the proper sized notched trowel.

Application
Apply mortar to the substrate with the flat side of the trowel, pressing firmly to work into surface. Comb on additional mortar with the notched side. Note: Use the proper sized notched trowel to insure full bedding of the tile. Spread as much mortar as can be covered with tile in 15-20 minutes. Back butter large tiles (>8”x8”) to provide full bedding and firm support. Place tiles into wet, sticky mortar and beat in using a beating block and rubber mallet to imbed tile and adjust level. Check mortar for complete coverage by periodically removing a tile and inspecting bedding mortar transfer onto back of tile. If mortar is skinned over (not sticky), remove and replace with fresh mortar.

Cleaning
Clean tools and tile work with water while mortar is fresh.
AVAILABILITY AND COST

Availability
LATICRETE and LATAPOXY® materials are available worldwide.

For Distributor information, call: LATICRETE ME details

Cost
Contact a LATICRETE/LATAPOXY Distributor in your area.

WARRANTY

LATICRETE Middle East LLC warrants that LATICRETE 305 Tile Glue 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 subject to the terms and conditions stated.

TECHNICAL SERVICES

Information is available by calling the LATICRETE Technical Service

Telephone: + 971 7 244 6396

Technical and Safety Literature
To acquire technical and safety literature, please visit our website at: www.laticrete.me