1. PRODUCT NAME
LHT™

2. MANUFACTURER
LATICRETE International, Inc.
1 LATICRETE Park North
Bethany, CT 06524-3423 USA
Telephone: +1.203.393.0010, ext. 1235
Toll Free: 1.800.243.4788, ext. 1235
Fax: +1.203.393.1684
Website: laticrete.com

3. PRODUCT DESCRIPTION
A polymer modified large and heavy tile mortar specifically formulated to provide a one-step installation for large format ceramic tile, porcelain tile, marble and stone on floors. Approved for use over exterior glue plywood for interior installations.

Uses
- Large and Heavy Tile Mortar used as a bonding mortar from a minimum of 3/32" (2.4mm) up to a ¾" (19mm) thickness

Advantages
- Exceeds ANSI A118.4 and ANSI A118.11
- Supports heavy tile and stone
- For interior and exterior floor applications
- Build up to 3/4" (19 mm) without shrinkage or set-up time problems
- reducing lippage problems.

Suitable Substrates
- Concrete Masonry
- Cement Plaster
- Brick Masonry
- Cement Terrazzo
- Properly Prepared Vinyl Or Other Resilient Tile
- Non-Water Soluble Cut-Back Adhesive
- Exterior Glue Plywood

Packaging
- 50LB (22.7KG) BAG

Approximate Coverage

<table>
<thead>
<tr>
<th>Trowel Size</th>
<th>ft²</th>
<th>m²</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2&quot; x 1/2&quot; (12 mm x 12 mm) notched trowel</td>
<td>35 – 45</td>
<td>3.2 – 4.2</td>
</tr>
</tbody>
</table>

Limitations
- Do not install tile/stone when surface temperatures are below freezing (32°F [0°C]).
- Adhesives/mastics, mortars and grouts for ceramic tile, pavers brick and stone are not designed as replacements for waterproofing membrane; use a LATICRETE® Waterproofing Membrane (see Section 10 FILING SYSTEMS).
- DO NOT bond to particle board, luan, Masonite® or hardwood surfaces.
- Not a remedy to level or flatten substrates. Use a suitable LATICRETE Underlayment for this purpose.

Cautions
- Consult SDS for more safety information.
- Contains portland cement and silica sand. Causes skin irritation and serious eye damage. Wear protective gloves and eye protection. In case of contact, flush thoroughly with water.
- Do not take internally. Silica sand may cause cancer, respiratory irritation or serious lung problems. Do not breathe dust. Wear a respirator in dusty areas.
- Use LATAPOXY® 300 Adhesive for installing green marble, resin backed tile or stone or water sensitive natural stone and agglomerates.
- For light-colored marble and stone use LHT PLUS white.
- Keep out of reach of children.

4. TECHNICAL DATA
VOC/LEED Product Information
Total VOC Content pounds/gallon (grams/liter) of product in unused form is 0.00 g/L
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.

5. INSTALLATION

Surface Preparation All surfaces should be between 40°F (4°C) and 90°F (32°C) and structurally sound, clean and free of all dirt, oil, grease, paint, concrete sealers or curing compounds. Rough or uneven concrete surfaces should be made smooth with 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. New concrete slabs shall be damp cured and 28 days old before application. There is no minimum cure time for concrete slabs when mortar is mixed with latex additive. All slabs must be plumb and true to within 1/4" (6 mm) in 10 ft (3 m). Expansion joints shall be provided through the tile work from all construction or expansion joints in the substrate. Follow ANSI specification A108.11.2.5 “Requirements for Movement Joints: Preparations by Other Trades” or TCNA detail EJ-171 “Movement Joints—Vertical & Horizontal”. Do not cover expansion joints with mortar when installing in cold weather. Do not set tile when temperature is below freezing or when substrate is frozen. Hot Weather Note: The evaporation of moisture in portland cement mortars is accelerated by hot, dry conditions. Apply to dampened surfaces and protect freshly spread mortar and finished work for an extended period when installing in cold weather. Cleaning Clean tools and tile work with water while mortar is fresh.

6. AVAILABILITY AND COST

Availability
LATICRETE materials are available worldwide.

For Distributor Information, Call:
Toll Free: 1.800.243.4788
Telephone: +1.203.393.0010

For on-line distributor information, visit LATICRETE at laticrete.com

6. AVAILABILITY AND COST

Availability
LATICRETE materials are available worldwide.

For Distributor Information, Call:
Toll Free: 1.800.243.4788
Telephone: +1.203.393.0010

For on-line distributor information, visit LATICRETE at laticrete.com

Cost
Contact a LATICRETE Distributor in your area.

7. WARRANTY

See 10. FILING SYSTEM:

• LATICRETE 5 Year System Warranty (United States and Canada)
• LATICRETE Product Warranty

8. MAINTENANCE

LATICRETE and LATAPOXY grouts require routine cleaning with a neutral pH soap and water. All other LATICRETE and LATAPOXY materials require no maintenance but installation performance and durability may depend on properly maintaining products supplied by other manufacturers.
9. TECHNICAL SERVICES

Technical Assistance
Information is available by calling the LATICRETE Technical Service Hotline:
- Toll Free: 1.800.243.4788, ext. 1235
- Telephone: +1.203.393.0010, ext. 1235
- Fax: +1.203.393.1948

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

10. FILING SYSTEM

Additional product information is available on our website at laticrete.com. The following is a list of related documents:
- DS 230.13: LATICRETE Product Warranty
- DS 230.05: LATICRETE 5 Year System Warranty