



STRATA_HEAT™ THERMAL PACK

DS-107.7-1217

**Globally Proven
Construction Solutions**



- Wires transfer heat quicker, shutting down the system sooner, reducing energy costs by 15%
- Lowers kilowatt usage – saves homeowner on electric bills

Suitable Substrates

Please refer to the appropriate Data Sheet for our recommended thinsets for suitable substrates.

- 253 Gold (DS-296.0)
- 254 Platinum (DS-677.0)
- 4-XLT (DS-080.0)

Packaging

Each 3 lb. (1.36 kg) bag contains (2) THERMAL PACKS

Approximate Coverage

Please refer to the appropriate Data Sheet for our recommended thinsets for coverage information.

- 253 Gold (DS-296.0)
- 254 Platinum (DS-677.0)
- 4-XLT (DS-080.0)

Shelf Life

Factory sealed containers of this product are guaranteed to be of first quality for five (5) years* if stored at temperatures >32°F (0°C) and <110°F (43°C).

Limitations

LATICRETE recommends STRATA_HEAT THERMAL PACKS to be used in these (3) thinsets: 253 Gold, 254 Platinum and 4-XLT. We do not recommend use in any of our lightweight thinsets.

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 and L/600 for all exterior veneer applications where L=span length

Adhesives/mastics, mortars and grouts for ceramic tile, pavers, brick and stone are not replacements for waterproofing membranes. When a waterproofing membrane is required, use a LATICRETE® Waterproofing Membrane (see Section 10 FILING SYSTEMS).

Cautions

1. PRODUCT NAME

STRATA_HEAT™ THERMAL PACK

2. MANUFACTURER

LATICRETE International, Inc.
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Bethany, CT 06524-3423 USA

Telephone: +1.203.393.0010, ext. 235
Toll Free: 1.800.243.4788, ext. 235
Fax: +1.203.393.1684
Internet: www.laticrete.com

3. PRODUCT DESCRIPTION

By adding the STRATA_HEAT THERMAL PACK additive to LATICRETE® modified thin-set, you get uniform heat diffusion throughout!

Uses

Heat Conductive Thinset Additive to be used exclusively with LATICRETE Thinsets (253, 254 and 4-XLT).

Mix (2) THERMAL PACKS for 50lb. (22.7 kg) of thinset and mix with the appropriate amount of water.

- Minimizes cold spots between wires making floors more comfortable
- Reduces thermostat cycle times
- Pays for itself in a matter of months

Advantages

- Increases thermal heat transfusion by 20%

- Consult SDS for more safety information.

4. TECHNICAL DATA

Approval

- In process

LEED/VOC

Unused

0.00 lb/gal (0.00 g/l)

Applicable Standard

Please refer to the LATICRETE Data Sheet for our recommended thinsets for the applicable standards. With the use of the STRATA_HEAT THERMAL PACK mixed into our thinsets they will still achieve the applicable standards that are listed for the appropriate LATICRETE thinset selected.

- 253 Gold (DS-296.0)
- 254 Platinum (DS-677.0)
- 4-XLT (DS-080.0)

Physical Properties

Refer to all appropriate Data Sheets for physical properties

Working Properties

5. INSTALLATION

Please refer to the steps below when using STRATA_HEAT™ THERMAL PACKS:

1. For 50lbs. of thinset: Use approximately 6.1-6.6 quarts (5.7-6.2L) of water for the selected LATICRETE thinset for (2) STRATA_HEAT THERMAL PACKS and 50 lbs (22.5 kg) of the selected thinset.

For 25lbs of thinset: Use approximately 3-3.3 quarts (2.9-3.1L) of water for the selected LATICRETE thinset for (1) STRATA_HEAT THERMAL PACK and 25 lbs (11.3 kg) of the selected thinset.

2. Remove the STRATA_HEAT THERMAL PACK(S) from the outer bag and then remove protective plastic sleeve to expose the water soluble THERMAL PACK. This THERMAL PACK is a water-dispersible pack and the outer bag should dissolve when in contact with the water.
3. When using 50 lbs. (22.5 kg) of LATICRETE thinset, drop two (2) THERMAL PACKS directly into the appropriate measured water content in a clean mixing container.

When using 25 lbs. (11.3 kg) of LATICRETE thinset, drop one (1) THERMAL PACKS directly into the appropriate measured water content in a clean mixing container.

4. Very slowly agitate the pack(s) and mix with a drill mixer until the THERMAL PACK contents are dispersed evenly throughout the container within the water. Then add your selected LATICRETE thinset and follow the standard instructions for your selected thinset.

Application

Apply the chosen LATICRETE thinset as you would normally following the selected thinset's set of instructions.

Surface Preparation

Please refer to the appropriate LATICRETE Data Sheet for the selected LATICRETE thinset for surface preparation.

6. AVAILABILITY AND COST

Availability

LATICRETE® and LATAPOXY® materials are available worldwide.

For Distributor Information, Call:

Toll Free: 1.800.243.4788

Telephone: +1.203.393.0010

For on-line Distribution information, visit LATICRETE at

www.laticrete.com

Cost

Contact a LATICRETE/LATAPOXY Distributor in your area.

7. WARRANTY

See 10. FILING SYSTEM

See 10. FILING SYSTEM.

DS 230.13: LATICRETE Product Warranty

A component of:

DS 230.05: LATICRETE 5 Year System

Warranty (United States and Canada)

8. MAINTENANCE

Non-finish LATICRETE and LATAPOXY installation 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. 235

Telephone: +1.203.393.0010, ext. 235

Fax: +1.203.393.1948

Technical and Safety Literature

To acquire technical and safety literature, please visit our website at www.laticrete.com.

10. FILING SYSTEM

Additional product information is available on our website at www.laticrete.com. The following is a list of related documents:

DS 230.13: LATICRETE Product Warranty

DS 230.05: LATICRETE 5 Year System Warranty

DS 230.15: LATICRETE 15 Year System Warranty for Steel or Wood Framed Exterior Facades

DS 025.0: LATICRETE 25 Year System Warranty

DS 230.99: LATICRETE Lifetime System Warranty

TDS 152: "Bonding Ceramic Tile, Stone or Brick Over Wood Floors"

TDS 157 "Exterior Installation of Tile and Stone Over Occupied Space."

Specifications are subject to change without notification.

Technical data shown in product data sheets are typical but reflect laboratory test procedures conducted in laboratory conditions. Actual field performance and test results will depend on installation methods and site conditions. Field test results will vary due to critical job site factors. All recommendations, statements and technical data contained in this data sheet are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty or guaranty of any kind. Satisfactory results depend upon many factors beyond the control of LATICRETE International, Inc. User shall rely on their own information and tests to determine suitability of the product for the intended use and user assumes all risk, loss, damage, expense and liability resulting from their direct use, indirect use or consequential to their use of the product. LATICRETE shall not be liable to the buyer or any third party for any injury, loss or damage directly or indirectly resulting from use or inability to use the product.

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