



# STRATA\_HEAT™ Thermal Pack

DS-107.7-0324

**Globally Proven  
Construction Solutions**



- Minimizes cold spots between wires making floors more comfortable
- Lowers kilowatt usage – saves homeowner on electric bills

## Suitable Substrates

### 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 suitable substrates.

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

### Limitations

- LATICRETE recommends the STRATA\_HEAT THERMAL PACK to be used in these (3) thinsets: 253 Gold, 254 Platinum and 4XLT. 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

- Consult SDS for more safety information.

## 4. TECHNICAL DATA

### VOC/LEED Product Information

Approval

- In process

LEED/VOC Unused 0.00 lb/gal (0.00 g/l)

## 1. PRODUCT NAME

STRATA\_HEAT™ Thermal Pack

## 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](http://laticrete.com)

## 3. PRODUCT DESCRIPTION

By adding the STRATA\_HEAT™ THERMAL PACK additive to LATICRETE modified thinsets you get uniform heat diffusion throughout!

### Uses

- Heat Conductive Thinset Additive to be used exclusively with LATICRETE Thinsets (253, 254 and 4XLT).
- 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%
- Wires transfer heat quicker, shutting down the system sooner, reducing energy costs by 15%

## 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)

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

- **Please refer to the steps below when using the STRATA\_HEAT™ THERMAL PACK:**
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 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](http://laticrete.com)

### Cost

Contact a LATICRETE Distributor in your area.

## 7. WARRANTY

See 10. FILING SYSTEM:

- 1 Year Product Warranty (US - English)
- 5 Year System Warranty (US - English)

## 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](http://laticrete.com).

## 10. FILING SYSTEM

Additional product information is available on our website at [laticrete.com](http://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."

LATICRETE International, Inc.

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