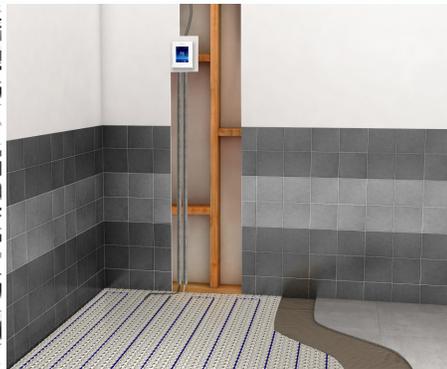
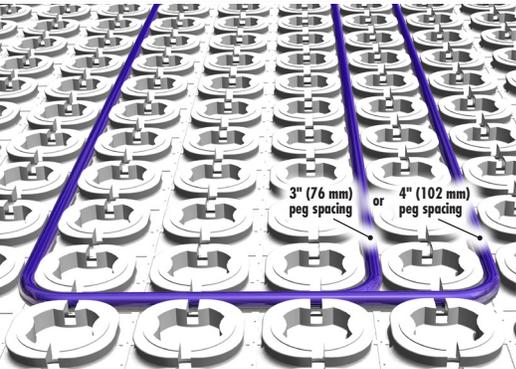




STRATA_HEAT™

The Next Generation in Floor Heating now has a UL system approval*



The STRATA_HEAT™ floor heating system is the most advanced radiant floor heating system available in the world. Consisting of a high performance floor heating wire, an uncoupling mat, a Wi-Fi enabled thermostat and the world’s first heat conductive thin-set additive – the system provides you with the most advanced and efficient floor heating system for your next installation.

STRATA_HEAT™ Wire

- Spliceless design with ETFE inner jacket for an easier installation
- Single diameter, burying the cold lead is no longer needed
- Heavy duty construction, outer jacket provides exceptional performance and durability
- No minimum on a straight run length like other systems – easier to layout
- Highly conductive copper wiring provides maximum heat transfer

STRATA_HEAT Mat±

- Mortar hydration vents accelerate thin-set curing for faster dry time of porcelain and larger format tiles – grout the next day
- STRATA_HEAT™ Mat design maximizes thin-set to wire contact producing a faster heat-up time with even heat distribution
- STRATA_HEAT Wire installs easily in mat – lays flat and secure
- Allows for multiple wire spacing combinations for design and heating flexibility
- Optical coverage verification – translucent features allows for easy determination of mortar coverage

Suitable Substrates (Interior Horizontal Dry and Intermittently Wet Surfaces Only)

- HYDRO BAN® Board
- HYDRO BAN Shower Pans
- Concrete†
- Mortar Beds
- Exterior Glue Plywood‡
- Existing Ceramic Tile and Stone
- Cement Terrazzo
- Cement Backer Board

Uses

Use in horizontal applications under tile and stone installations and other wear surfaces in dry and intermittently wet areas

Packaging

- STRATA_HEAT™ Spacing Strips per box, 40 x 12" (30.5 cm) long
- 120V and 240V wire length options ranging from 50 ft to 830 ft (5.2 m to 253 m) spools
- STRATA_HEAT Mat 161 ft² roll – 39" W x 49' 2" L (15 m² roll – 1 m W x 15 m L)
- STRATA_HEAT Mat 10 x 8.6 ft² sheets – 31" W x 39" L (10 x 0.8 m² sheet – 0.8 m W x 1 m L)



STRATA_HEAT™

The Next Generation in Floor Heating now has a UL system approval[†]



Data Sheet 026.3



STRATA_HEAT™ system is controlled by your choice of either an innovative smart Wi-Fi compatible version or a standard programmable option. Simple to use but offering advanced features, the Wi-Fi version can be controlled via a smartphone providing real-time information and optimal control! Available only from LATICRETE®, STRATA_HEAT Thermal Pack[§], a thin-set additive that uses thermal diffusion technology for more efficient distribution of heat.

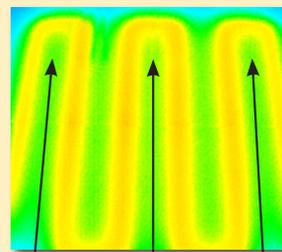
THERMOSTAT

- Simple STRATA_HEAT™ smartphone app[^]
- Uses smartphone GPS location services to learn heating routines[^]
- Home automation hub compatible[^]
- User friendly set-up
- Two versions available, Wi-Fi and Non- Wi-Fi Programmable

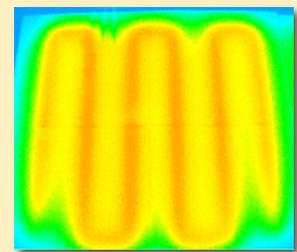
THERMAL PACK

- Eliminates cold spots between wires
- Reduces energy costs by 15%
- Economical and energy efficient
- Faster floor heat up

MODEL	TYPE	SUPPLY	MAX. LOAD	FLOOR SENSOR	GFCI
0802-0403-T	Programmable	120V/240V	15A, 60 Hz	NTC (10K)	5 mA
0802-0404-T	Wi-Fi Compatible	120V/240V	15A, 60 Hz	NTC (10K)	5 mA



Infrared image using standard tile adhesive shows cold spots between wires



Infrared image using STRATA_HEAT™ Thermal Pack diffuses heat uniformly throughout – no cold spots

[^] Wi-Fi Thermostat Only
^{*} See Data Sheet 230.99 for complete warranty information.
[†] Use 170 Sound & Crack Isolation Mat under STRATA_HEAT™ Wire as a thermal barrier to prevent heat loss.
[‡] Over TCNA approved constructs using plastic lath when using portland cement based self-leveling underlayments.
[§] United States Patent No.: US2019211248
[¶] 3 or 4 peg spacing only, 3-2-3 spacing is not UL approved.
[±] U.S. Patents Nos. 9,777,931; 10,006,644; 10,215,423; D806,280; and patents pending

