



STRATA_HEAT™ Wire

DS-026.2-0817

**Globally Proven
Construction Solutions**



1. PRODUCT NAME

STRATA_HEAT™ Wire

2. MANUFACTURER

LATICRETE International, Inc.
1 LATICRETE Park North
Bethany, CT 06524-3423 USA

Telephone: +1.203.393.0010, ext. 235
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3. PRODUCT DESCRIPTION

STRATA_HEAT Wire is a versatile floor warming wire system designed for use under many types of finished floor coverings to provide luxury and comfort. Designed for use with STRATA_HEAT Thermostat, STRATA_HEAT Mat and STRATA_HEAT Spacing Strips.

Advantages

- Component of LATICRETE Lifetime System Warranty.
- Multiple spacing options allow for variability in heat output.
- This appliance wiring material component is recognized by Underwriters Laboratories, Inc. (UL) Representative samples have been evaluated by UL and meet applicable UL requirements.

Suitable Substrates (Interior Horizontal Surfaces Only)

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

* Over TCNA approved constructs using plastic lath when using portland cement based self-leveling underlayments.

† Use 170 Sound & Crack Isolation Mat under STRATA_HEAT Wire as a thermal barrier to prevent heat loss.

Limitations

- Interior floor installations only.
- 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 9235 Waterproofing Membrane (see Section 10 FILING SYSTEMS).

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=length of span.

Cautions

- Do not turn STRATA_HEAT Wire on until entire installation of tile and grout has cured for a minimum of 72 hours at 70°F (21°C).
- Protect finished work from traffic until fully cured.
- Keep out of reach of children.
- Do not staple heating elements directly.
- Use only appropriate size of STRATA_HEAT Wire for specified area of floor to be heated. DO NOT TUCK/INSTALL/FOLD EXCESS WIRE INTO WALL CAVITY.
- All electrical connections must be made by a licensed electrician. Failure to do so will void all warranties and claims. Comply with all applicable building and electrical codes.

4. TECHNICAL DATA

120 Volt/120 volts/120 voltios			
Item Number Número d'articles/Número de artículo	Area ft ² (m ²) Área (pt.cu.) / Área (pies ²)	Amps Amperios/Amperios	Watts Watts/Voltios
0802-0017-2	5 (0.46)	0.5	65
0802-0034-2	10 (0.93)	1.1	130
0802-0050-2	15 (1.39)	1.6	195
0802-0067-2	20 (1.86)	2.2	260
0802-0084-2	25 (2.32)	2.7	325
0802-0100-2	30 (2.79)	3.3	390
0802-0133-2	40 (3.72)	4.4	525
0802-0166-2	50 (4.64)	5.5	655
0802-0200-2	60 (5.57)	6.5	785
0802-0233-2	70 (6.5)	7.7	920
0802-0266-2	80 (7.43)	8.8	1050
0802-0299-2	90 (8.36)	9.8	1180
0802-0332-2	100 (9.29)	11.0	1315
0802-0365-2	110 (10.22)	12.0	1445
0802-0398-2	120 (11.15)	13.1	1575

*At 3-1/2" or 90 mm spacing À un espacement de 90 mm (3 1/2 po) At 3-1/2 or 90 mm spacing

240 Volt/ 240 Volt/240 voltios			
Item Number Número d'articles/Número de artículo	Area ft ² (m ²) Área (pt.cu.) / Área (pies ²)	Amps Amperios/Amperios	Watts Watts/Voltios
0802-0083-4	25 (2.32)	1.4	325
0802-0100-4	30 (2.79)	1.6	390
0802-0133-4	40 (3.72)	2.2	525
0802-0166-4	50 (4.64)	2.7	655
0802-0200-4	60 (5.57)	3.3	785
0802-0233-4	70 (6.5)	3.8	920
0802-0266-4	80 (7.43)	4.4	1050
0802-0299-4	90 (8.36)	4.9	1180
0802-0332-4	100 (9.29)	5.5	1310
0802-0415-4	125 (11.61)	6.8	1640
0802-0498-4	150 (13.94)	8.2	1970
0802-0581-4	175 (16.26)	9.6	2300
0802-0664-4	200 (18.58)	11.0	2630
0802-0747-4	225 (20.90)	12.3	2955
0802-0830-4	250 (22.23)	13.5	3240

5. INSTALLATION

Please refer to STRATA_HEAT™ Wire Installation Manual DS-044.6 for complete installation instructions.

6. AVAILABILITY AND COST

Availability

STRATA_HEAT products are available in North America.

For Distributor Information Call:

Toll Free: 1.800.243.4788

Telephone: +1.203.393.0010

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

Cost

Contact a LATICRETE Distributor in your area.

7. WARRANTY

See 10. FILING SYSTEM

DS 230.13: LATICRETE Product Warranty (United States and Canada)

A component of:

DS 230.99: LATICRETE Lifetime Tile & Stone System Warranty (United States and Canada)

DS 230.05APD: LATICRETE 5 Year Tile & Stone System

Warranty (United States and Canada)

DS 230.10APD LATICRETE 10 Year Tile & Stone System Warranty (United States and Canada)

DS 025.0APD LATICRETE 25 Year Tile & Stone 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:

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 (United States and Canada)

DS 230.05APD: LATICRETE 5 Year Tile & Stone System Warranty (United States and Canada)

DS 230.10APD LATICRETE 10 Year Tile & Stone System Warranty (United States and Canada)

DS 025.0APD LATICRETE 25 Year Tile & Stone System Warranty (United States and Canada)

DS 230.99: LATICRETE Lifetime Tile & Stone System Warranty (United States and Canada)

DS 236.0: 9235 Waterproofing Membrane

DS 606.0: Floor Warming Thermostat

DS 663.0: HYDRO BAN®

DS 044.6: STRATA_HEAT Wire Installation Manual

DS-046.4 STRATA_HEAT Smart Wi-Fi Thermostat Easy Set Up Guide

DS-050.7 STRATA_HEAT Programmable Thermostat Easy Set Up Guide

DS-046.2 STRATA_HEAT Smart Wi-Fi Thermostat Operating Manual

DS-050.4 STRATA_HEAT Programmable Thermostat Operating Manual

DS-044.8 STRATA_HEAT Smart Wi-Fi Thermostat Troubleshooting guide

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