



Floor HEAT Mat

o800 Series

DS-605.0-0707



1. PRODUCT NAME

LATICRETE® Floor HEAT Mat

2. MANUFACTURER

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

Telephone: 203.393.0010, ext. 235
Toll Free: 800.243.4788, ext. 235
Fax: 203.393.1684
Internet: www.laticrete.com

3. PRODUCT DESCRIPTION

LATICRETE Floor HEAT Mat is a versatile floor warming mat designed to be installed underneath tile and stone floors to provide luxury and comfort. The product includes adhesive backing for easy installation.

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.

Advantages

- Component of LATICRETE 10 Year System Warranty, LATICRETE Lifetime Residential Warranty and LATICRETE 15 Year Residential Warranty
- Self-adhesive mesh backing
- Intertwined heating element and mesh construction
- UL approved

Suitable Substrates (Interior Dry Area Only)

- 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.

Limitations

- Interior floor installations only.
- Not for use in showers, tubs or steam rooms.
- 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**).
- **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

Consult MSDS for more safety information.

- Do not turn LATICRETE Floor HEAT on until entire installation of tile and grout has fully cured.
- During cold weather, protect finished work from traffic until fully cured.
- Keep out of reach of children.
- Do not staple heating elements directly.
- Do not allow LATICRETE Floor HEAT to come into contact with water or moisture.
- Use only appropriate size of LATICRETE Floor HEAT for specified area of floor to be heated. **DO NOT TUCK/INSTALL/FOLD EXCESS MAT INTO WALL CAVITY.**

4. TECHNICAL DATA

120 VAC Standard Mat Specifications (Mat Only)

Product (W x L)	Sq. Ft.	Model Number	Watts	Amps	Ohms
1' x 10'	10'	0800-1210-2	150	1.3	96
1' x 12'	12'	0800-1212-2	180	1.5	80
1' x 15'	15'	0800-1215-2	225	1.9	64
1' x 20'	20'	0800-1220-2	300	2.5	48
1' x 23'	23'	0800-1223-2	345	2.9	42
1' x 25'	25'	0800-1225-2	375	3.1	38
1' x 30'	30'	0800-1230-2	450	3.8	32
1' x 35'	35'	0800-1235-2	525	4.4	27
1' x 40'	40'	0800-1240-2	600	5.0	24
1' x 45'	45'	0800-1245-2	675	5.6	21
1' x 50'	50'	0800-1250-2	750	6.3	19
1.5' x 37'	55.5'	0800-1837-2	832.5	6.9	17

120 VAC Standard Mat Specifications (Mat Only) continued

Product (W x L)	Sq. Ft.	Model Number	Watts	Amps	Ohms
1.5' x 40'	60'	0800-1840-2	900	7.5	16
1.5' x 44'	66'	0800-1844-2	990	8.3	15
1.5' x 47'	70.5'	0800-1847-2	1057.5	8.8	14
1.5' x 50'	75'	0800-1850-2	1125	9.4	13
1.5' x 54'	81'	0800-1854-2	1215	10.1	12
3' x 2'	6'	0800-3602-2	90	0.8	160
3' x 5'	15'	0800-3605-2	225	1.9	64
3' x 7'	21'	0800-3607-2	315	2.6	46
3' x 30'	90'	0800-3630-2	1350	11.3	11

240 VAC Standard Mat Specifications (Mat Only)

Product (W x L)	Sq. Ft.	Model Number	Watts	Amps	Ohms
1.5' x 13'	19.5'	0800-1813-4	292.5	1.2	197
1.5' x 20'	30'	0800-1820-4	450	1.9	128
1.5' x 27'	40.5'	0800-1827-4	607.5	2.5	95
1.5' x 33'	49.5'	0800-1833-4	742.5	3.1	78
1.5' x 40'	60'	0800-1840-4	900	3.8	64
1.5' x 47'	70.5'	0800-1847-4	1057.5	4.4	54
1.5' x 53'	79.5'	0800-1853-4	1192.5	5.0	48
3' x 30'	90'	0800-3630-4	1350	5.6	43
3' x 35'	105'	0800-3635-4	1575	6.6	37
3' x 40'	120'	0800-3640-4	1800	7.5	32
3' x 45'	135'	0800-3645-4	2025	8.4	28
3' x 50'	150'	0800-3650-4	2250	9.4	26

5. INSTALLATION

Please refer to LATICRETE® Floor HEAT Installation Instructions DS 605.9.

6. AVAILABILITY AND COST

Availability

LATICRETE Floor Warming products are available in North America. For distributor information:

Toll Free: 800.235.4788
Telephone: 203.393.0010
Internet: www.laticrete.com

Cost

Contact a LATICRETE Distributor in your area.

7. WARRANTY

See 10. FILING SYSTEM

DS 230.13: LATICRETE Product Warranty

A component of:

DS 230.12: LATICRETE 10 Year System Warranty

DS 230.14: LATICRETE 15 Year Residential Warranty

DS 700.12: LATICRETE Lifetime Residential Warranty

8. MAINTENANCE

Following installation, the LATICRETE Floor HEAT Mat does not require any maintenance.

9. TECHNICAL SERVICES

Technical assistance

Information is available by calling:

Toll Free: 800.243.4788, ext. 235
Telephone: 203.393.0010, ext. 235
Fax: 203.393.1948

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

10. FILING SYSTEM

DS 230.13: LATICRETE Product Warranty
DS 230.12: LATICRETE 10 Year System Warranty
DS 230.14: LATICRETE 15 Year Residential Warranty
DS 700.12: LATICRETE Lifetime Residential Warranty
DS 604.0: LATICRETE Wire Eye™
DS 606.0: LATICRETE Floor Warming Thermostat
DS 606.6: LATICRETE Floor Warming Thermostat Installation Instructions
DS 236.0: LATICRETE 9235 Waterproofing Membrane
DS 605.9: LATICRETE Floor HEAT Installation Manual

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