



The world's **best-selling** electric floor heating brand™

# WSMM Snow Melting Mats

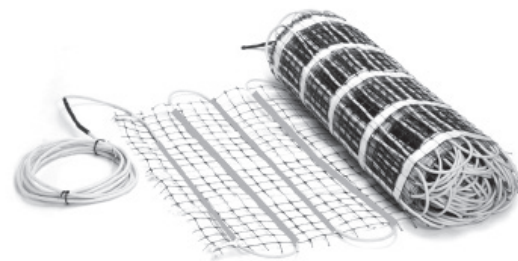
SPECIFICATION SHEET WSC-0729

## PRODUCT CODES

WSMM-240-XXXX [WSMM-Voltage-Wattage]

## PRODUCT DESCRIPTION

The WSMM (Warmup Snow Melting Mat) is commonly used in concrete pours, asphalt driveways and paved walkways. All Warmup Mats are rated for 240V applications. NOTE: 240V mats can be derated to 208V, but in doing so output also reduces to 38W/SF. Mats can be installed in three phase delta configuration. Mats are 2ft or 3ft wide and with a cable spacing providing 50w/sqft for optimum results under even the harshest conditions. Embed 1.5" to 3.0" from the finish surface. Install as simple tire-tracks or for full coverage designs.



## ADVANTAGES

- 16ft cold lead, single point connection
- Easy roll-out installation
- 3 mediums: Concrete, Ashpalt, Sand/Pavers

## LIMITATIONS

- Do not cut the cable or apply the cable with staples. Apply caution to avoid nailing through the cable and avoid installation under permanent fixtures.

## SPECIFICATIONS

|                     |                                                             |
|---------------------|-------------------------------------------------------------|
| Operating voltage   | 240V                                                        |
| Output rating       | ± 50 W/sq ft                                                |
| Mat width           | 2ft or 3ft wide                                             |
| Lengths             | Range from 5' (152cm) up to 60' (1828.8cm)                  |
| Construction        | Energy efficient twin-conductor heating cable of 1/4" (6mm) |
| Maximum temperature | 464°F (240°C)                                               |
| Cold tail length    | 16.4' (610cm)                                               |
| Warranty            | 10-Year                                                     |



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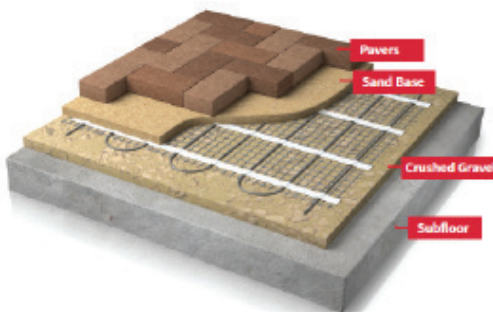
## TECHNICAL DATA

### Applications

|                            |                                              |
|----------------------------|----------------------------------------------|
| Suitable Coverings         | Paversand related masonry                    |
|                            | Asphalt (direct contact or indirect contact) |
|                            | Concrete (not lightweight)                   |
| Suitable Base              | Crushed gravel base                          |
|                            | Sand bed                                     |
|                            | Insulation sheets                            |
| Min. coverage above heater | 1.5"                                         |
| Max. coverage above heater | 3.0"                                         |

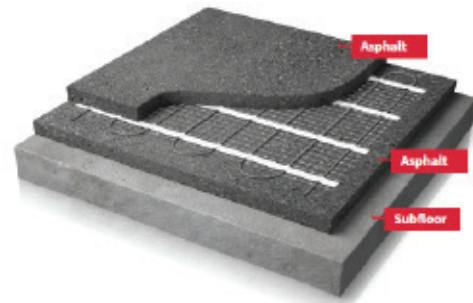
#### Installation under PAVERS

Mats should be covered with 1.5" of sand for paver application. Pavers to be maximum 1.5" thick.



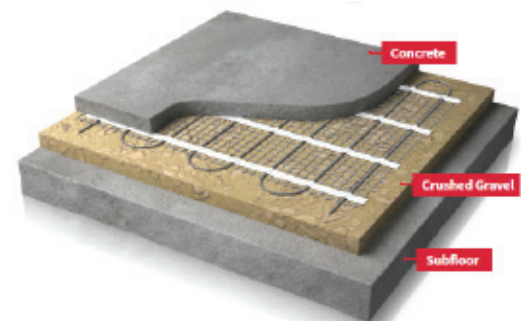
#### Installation under ASPHALT

Cable will withstand direct asphalt contact for limited time until asphalt cools. For pours hotter than 220F, apply a layer of 2" of sand over the cable prior to laying asphalt. Do not use rollers over 1 Ton. Hand-rolling highly recommended.



#### Installation under CONCRETE

Ensure the pour is 3" maximum over the cable. Use re-mesh or wire mesh to secure the cable in the middle of the pour for deeper pours. Cable/Mats can be zip tied to mesh and mesh can be raised with bricks or pulled during pour.



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## PRODUCT SIZE LISTING

| Voltage | Area (sqft) | Code (2ft wide) | Mat Length (ft) | Wattage | Amps | Resistance (Ω) |
|---------|-------------|-----------------|-----------------|---------|------|----------------|
| 240V    | 10          | WSMM-240/500    | 5               | 500     | 2.1  | 115.20         |
|         | 20          | WSMM-240/1000   | 10              | 1000    | 4.2  | 57.60          |
|         | 30          | WSMM-240/1500   | 15              | 1500    | 6.3  | 38.40          |
|         | 40          | WSMM-240/2000   | 20              | 2000    | 8.3  | 28.80          |
|         | 50          | WSMM-240/2500   | 25              | 2500    | 10.4 | 23.00          |
|         | 60          | WSMM-240/3000   | 30              | 3000    | 12.5 | 19.20          |
|         | 70          | WSMM-240/3500   | 35              | 3500    | 14.6 | 16.46          |
|         | 80          | WSMM-240/4000   | 40              | 4000    | 16.7 | 14.40          |
|         | 90          | WSMM-240/4500   | 45              | 4500    | 18.8 | 12.80          |
|         | 100         | WSMM-240/5000   | 50              | 5000    | 20.8 | 11.50          |
|         | 120         | WSMM-240/6000   | 60              | 6000    | 25.0 | 9.60           |

| Voltage | Area (sqft) | Code (3ft wide) | Mat Length (ft) | Wattage | Amps | Resistance (Ω) |
|---------|-------------|-----------------|-----------------|---------|------|----------------|
| 240V    | 30          | WSMM-240/3x10   | 10              | 1500    | 6.3  | 38.40          |
|         | 60          | WSMM-240/3x20   | 20              | 3000    | 12.5 | 19.20          |
|         | 75          | WSMM-240/3x25   | 25              | 3750    | 15.6 | 15.36          |
|         | 90          | WSMM-240/3x30   | 30              | 4500    | 18.8 | 12.80          |
|         | 120         | WSMM-240/3x40   | 40              | 6000    | 25.0 | 9.60           |

| Voltage | Area (sqft) | Code (2ft wide) | Mat Length (ft) | Wattage | Amps  | Resistance (Ω) |
|---------|-------------|-----------------|-----------------|---------|-------|----------------|
| 480V    | 30          | WSMM-480/1500   | 15              | 1500    | 3.12  | 153.84         |
|         | 40          | WSMM-480/2000   | 20              | 2000    | 4.16  | 115.38         |
|         | 60          | WSMM-480/3000   | 30              | 3000    | 6.25  | 76.8           |
|         | 80          | WSMM-480/4000   | 40              | 4000    | 8.33  | 57.62          |
|         | 120         | WSMM-480/6000   | 60              | 6000    | 12.50 | 38.40          |

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## WARRANTY & MAINTENANCE

When installed according to the installation manual and proper testing has been performed throughout, the system requires no maintenance for the duration of its warranted life.

The WSMM cable is warranted for 10 years against manufacturer's defects and is protected by Warmup's SAFETYnet guarantee. See [www.warmup.com](http://www.warmup.com) for full warranty details.

## TECHNICAL SUPPORT

Warmup is available 24/7/365 at (888) 927-6333.

For quotes, layouts and specific technical information, contact us at:

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