



ENGINEERED SOLUTIONS
FOR HEATING & SENSING

FLOOR HEATING MATS



MARATHON HEATER (I) PVT.

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Advantages

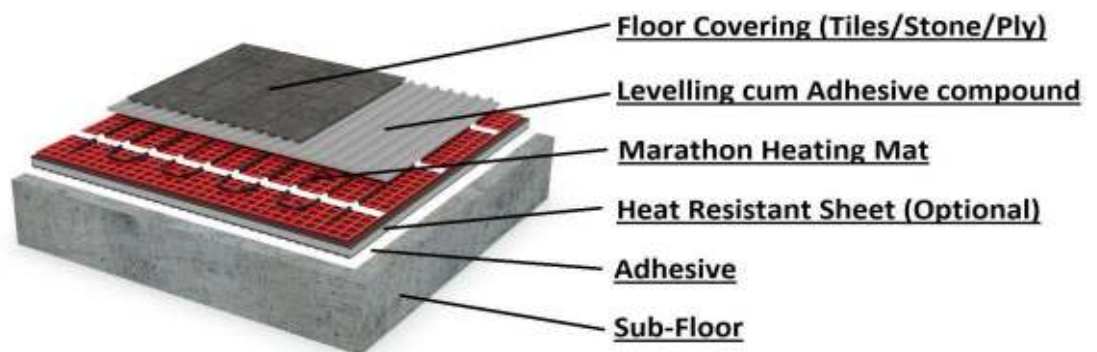
- Easy installation and can be installed in any area in the house and any type of flooring.
- Can be an excellent option for low-energy homes.
- Works quietly from beneath the tiles/plywood.
- Underfloor heating distributes heat where it is needed, resulting in maximum heat efficiency and only very little heat loss.
- Easy to control required temperature in all weather by digital temperature controller with thermostat.
- For optimal protection, Marathon floor heating cables are insulated using ETFE on both the conductors and PVC (HR-FR) on the outer jacket.
- Marathon floor heating cables have been developed particularly to deliver primary heating beneath a variety of flooring. To facilitate 'tape-down' installation, the cables are also available into the preassembled fiber glass mats.

Features

Shielding Coverage	100% Coverage
Bending Radius	5 times of cable thickness
Jacketing	Heat Resistant and Flame Retardant Jacketing
Flexibility of Cable	Excellent Flexibility for easy installation
Long Cold Lead	3.5 meter cold tail (Can be customized as per requirement)
Comfort	Higher degrees of comfort can be achieved by using heating mats with close and consistent spacing, as well as thermostat to determine temperature needs.
Range	Standard heat loads are available in 120 watt to 2400 watt. As part of the offered product range, several sizes for various types / sizes of flooring are also available.
Custom-Built	In addition to this broad range, mats can be customized to meet specific length requirements, as well as heat loads and voltage needs.

Application

- Remove any trash and sharp protrusions from the subfloor.
- Prior to installation, consider deflection and structural factors.
- Before installing the floor heating mat, check its applicability according to the instructions.
- Prior to putting floor coverings, consider using a scratch coat or a thin leveler.
- Install Heat Resistant Insulation Sheet if want to reduce heat loss (Optional).
- Install Marathon Floor Heating Mat according to the manufacturer's installation directions.
- Set up a digital temperature controller with thermostat for sensing the floor.
- Install the floor covering according to the manufacturer's directions.



Maintenance & Warranty

Marathon floor heating mat requires no maintenance for the remainder of its warranted life when installed according to the installation instructions and adequate testing has been completed throughout.

Marathon warranty protects the Marathon floor heating mat for a period of 30 years against manufacturer's faults.

FLOOR HEATING MAT (FHM-DE-240V-12)



- Heating Cable of 3 w/f
- ETFE Insulation on heating core
- Al Foil Shield with Multi-strand Earth Wire
- Sticky FG Mesh/Non-Sticky FG Mesh/Cross Filament Tape
- Double sided tissue tape / PP tape
- PVC Outer Jacket (Heat Resistance)
- Separate Cold Tail of 3.5 meter.

Construction

Heating Cable	3.0 watt / foot
Spacing	Sticky FG Mesh/ Non-Sticky FG Mesh/ Cross Filament Tape
Core Insulation	ETFE
Shielding	Aluminium Foil For 100% Coverage
Earth Wire	Multi-strand
Jacket	PVC (HR FR)
Power Output per Foot ²	12 Watt / Foot ²
Standard Voltage	240 Volt AC

Range

Model	Watts	Mat Area (Foot ²)
FHM-DE-240V-12-120	120	10
FHM-DE-240V-12-180	180	15
FHM-DE-240V-12-240	240	20
FHM-DE-240V-12-300	300	25
FHM-DE-240V-12-360	360	30
FHM-DE-240V-12-420	420	35
FHM-DE-240V-12-480	480	40
FHM-DE-240V-12-540	540	45
FHM-DE-240V-12-600	600	50
FHM-DE-240V-12-660	660	55
FHM-DE-240V-12-720	720	60
FHM-DE-240V-12-840	840	70
FHM-DE-240V-12-960	960	80
FHM-DE-240V-12-1080	1080	90
FHM-DE-240V-12-1200	1200	100
FHM-DE-240V-12-1320	1320	110
FHM-DE-240V-12-1440	1440	120
FHM-DE-240V-12-1680	1680	140
FHM-DE-240V-12-1920	1920	160
FHM-DE-240V-12-2160	2160	180
FHM-DE-240V-12-2400	2400	200