



**ENGINEERED SOLUTIONS**  
**FOR HEATING & SENSING**

# FLOOR HEATING MATS



**MARATHON HEATER (I) PVT.**

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## Advantages

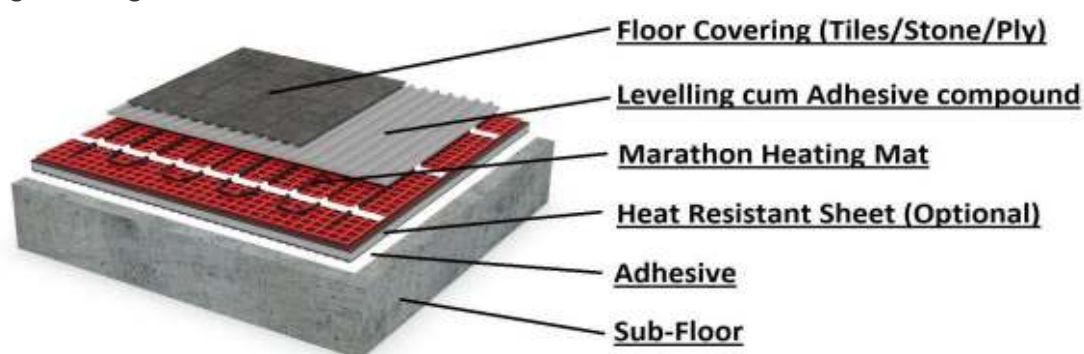
- Easy installation and can be installed in any area in the house and any type of flooring.
- Can be an excellent option for low-energy homes.
- Works quietly from beneath the tiles/plywood.
- Underfloor heating distributes heat where it is needed, resulting in maximum heat efficiency and only very little 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 FEP 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

<b>Shielding Coverage</b>	100% Coverage
<b>Bending Radius</b>	5 times of cable thickness
<b>Jacketing</b>	Heat Resistant and Flame Retardant Jacketing
<b>Flexibility of Cable</b>	Excellent Flexibility for easy installation
<b>Long Cold Lead</b>	3.5 meter cold tail (Can be customized as per requirement)
<b>Comfort</b>	Higher degrees of comfort can be achieved by using heating mats with close and consistent spacing, as well as thermostat to determine temperature needs.
<b>Range</b>	Standard heat loads are available in 150 watt to 2250 watt. As part of the offered product range, several sizes for various types / sizes of flooring are also available.
<b>Custom-Built</b>	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-DF-150)



- Heating Cable of 15.7 w/m
- FEP 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	15.7 watt / meter
Spacing	Sticky FG Mesh/ Non-Sticky FG Mesh/ Cross Filament Tape
Core Insulation	FEP
Shielding	Aluminium Foil For 100% Coverage
Earth Wire	Multi-strand 0.5mm <sup>2</sup>
Jacket	PVC (HR FR)
Power Output per Meter <sup>2</sup>	150 Watt / Meter <sup>2</sup>
Standard Voltage	230 Volt AC

### Range

Model	Watts	Mat Area (Meter <sup>2</sup> )
FHM-DF-150-150	150	1.00
FHM-DF-150-187.5	187.5	1.25
FHM-DF-150-225	225	1.50
FHM-DF-150-262.5	262.5	1.75
FHM-DF-150-300	300	2.00
FHM-DF-150-337.5	337.5	2.25
FHM-DF-150-375	375	2.50
FHM-DF-150-450	450	3.00
FHM-DF-150-525	525	3.50
FHM-DF-150-600	600	4.00
FHM-DF-150-675	675	4.50
FHM-DF-150-750	750	5.00
FHM-DF-150-900	900	6.00
FHM-DF-150-1050	1050	7.00
FHM-DF-150-1200	1200	8.00
FHM-DF-150-1350	1350	9.00
FHM-DF-150-1500	1500	10.00
FHM-DF-150-1650	1650	11.00
FHM-DF-150-1800	1800	12.00
FHM-DF-150-1950	1950	13.00
FHM-DF-150-2250	2250	15.00