



ENGINEERED SOLUTIONS
FOR HEATING & SENSING

FLOOR HEATING MATS



MARATHON HEATER (I) PVT.

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Advantages

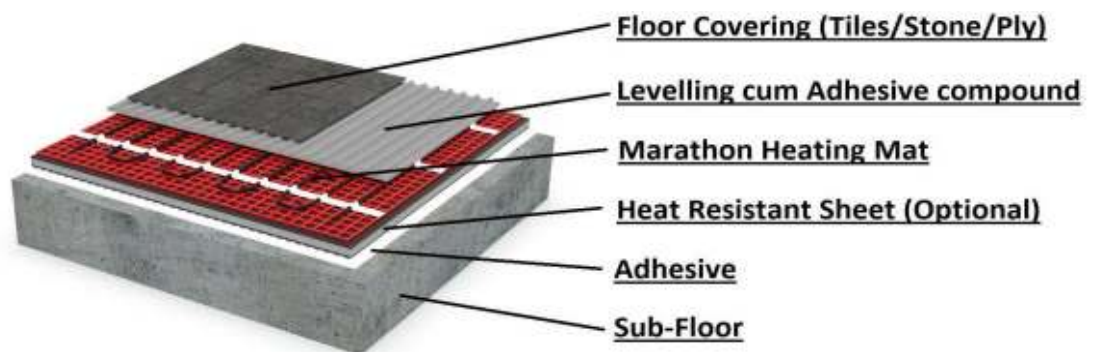
- Easy installation and can be installed in any area in the house and any type of flooring.
- Can be an excellent option for low-energy homes.
- Works quietly from beneath the tiles/plywood.
- Underfloor heating distributes heat where it is needed, resulting in maximum heat efficiency and only very little 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 XPLE 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 100 watt to 1900 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-SX-100)



- Heating Cable of 10 w/m
- XLPE Insulation on heating core
- Al Foil Shield With Solid 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	10 watt / meter
Spacing	Sticky FG Mesh/ Non-Sticky FG Mesh/ Cross Filament Tape
Core Insulation	XLPE
Shielding	Aluminium Foil For 100% Coverage
Earth Wire	TPC 1.0mm (Solid)
Jacket	PVC (HR FR)
Power Output per Meter ²	100 Watt / Meter ²
Standard Voltage	230 Volt AC

Range

Model	Watts	Mat Area (Meter ²)
FHM-SX-100-100	100	1.0
FHM-SX-100-200	200	2.0
FHM-SX-100-300	300	3.0
FHM-SX-100-400	400	4.0
FHM-SX-100-500	500	5.0
FHM-SX-100-600	600	6.0
FHM-SX-100-800	800	8.0
FHM-SX-100-1000	1000	10.0
FHM-SX-100-1200	1200	12.0
FHM-SX-100-1500	1500	15.0
FHM-SX-100-1900	1900	19.0