

MapeheatTM Mat

Pre-wired, floor-heating fabric

Technology from


nVent
NUHEAT


www.mapei.com
MAPEI[®]
ADHESIVES · SEALANTS · CHEMICAL PRODUCTS FOR BUILDING





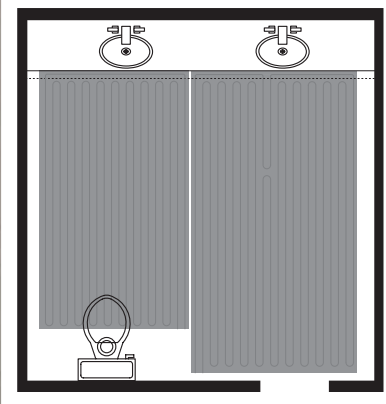
Treat your
feet to

Mapeheat[™]

Mapeheat Mat Systems are easy-to-install, electric floor-heating systems that combine installation versatility with advanced new technology.



Customized Mat



Standard Mat

Pre-built like an electric blanket, *Mapeheat Mat* is an electric floor-heating fabric that brings soothing heat to tile, stone, laminate, engineered wood floors and luxury vinyl floors.

A cost-effective heating solution, *Mapeheat Mat* is inexpensive to install and does not require ductwork or any additional equipment to operate.

Both the standard size and the custom-made version of *Mapeheat Mat* offer an entirely maintenance-free heating alternative – with no cold spots.

Visit www.mapei.com to find a distributor near you.

How to order and purchase *Mapeheat Mat*

1. Obtain an accurately measured floor plan indicating all floor penetrations (measuring instructions and grid paper available at www.mapei.com).
2. Determine whether a standard-sized or custom-sized *Mapeheat Mat* is required.
3. If unsure which floor-heating solution is best, e-mail your floor plan to the *Mapeheat* Customer Care Team at mapeheatusa@mapei.com (for U.S. customers) or mapeheatcanada@mapei.com (for Canadian customers). A representative will respond to recommend the appropriate *Mapeheat Mat* size(s) for your project.
4. Upon design confirmation, you will receive a quote for your project. Quote turnaround is typically 24 to 48 hours.

How to install *Mapeheat Mat*

1



Trowel polymer-modified mortar onto the subfloor.

2



Roll *Mapeheat Mat* into the fresh mortar.

3



Trowel over with mortar and install tile.

Note: A professional tile setter must install MapeheatMat onto the subfloor. Electrician connection must be made by a licensed electrician.

Mapeheat Mat | Fast Facts

- Heats tile, stone, marble, laminate, engineered wood and luxury vinyl floors
- Readily available in more than 70 standard off-the-shelf square and rectangular sizes
- Custom-made mats are made in only 3 days to custom-fit rooms with curves and angles
- Heats shower floors, shower benches and steam rooms
- Available in 120 V and 240 V
- Energy-efficient (12 W/ft²; 41 BTUs/ft²)
- 15 W/ft²; 51 BTUs/ft² also available upon request
- 25-year product warranty

Heat Output Comparison

MAPEHEAT MAT

41

BTUs per sq. ft.

BASEBOARD HEATER

34

BTUs per sq. ft.

Operating Cost Example

	Coverage	Time	Cost*
Bathroom	50 sq. ft. (4.65 m ²)	5.5 hours	\$0.18
Kitchen	150 sq. ft. (13.9 m ²)	7.5 hours	\$0.75
Living room	200 sq. ft. (18.6 m ²)	7.5 hours	\$1.01

* Average winter operating cost. Based on U.S. Energy Information Administration 2017 national average of \$0.1289/kWh and modern insulation standards.

FAQs about Mapeheat Mat

Q: Can Mapeheat Mat replace my electric baseboard heaters?

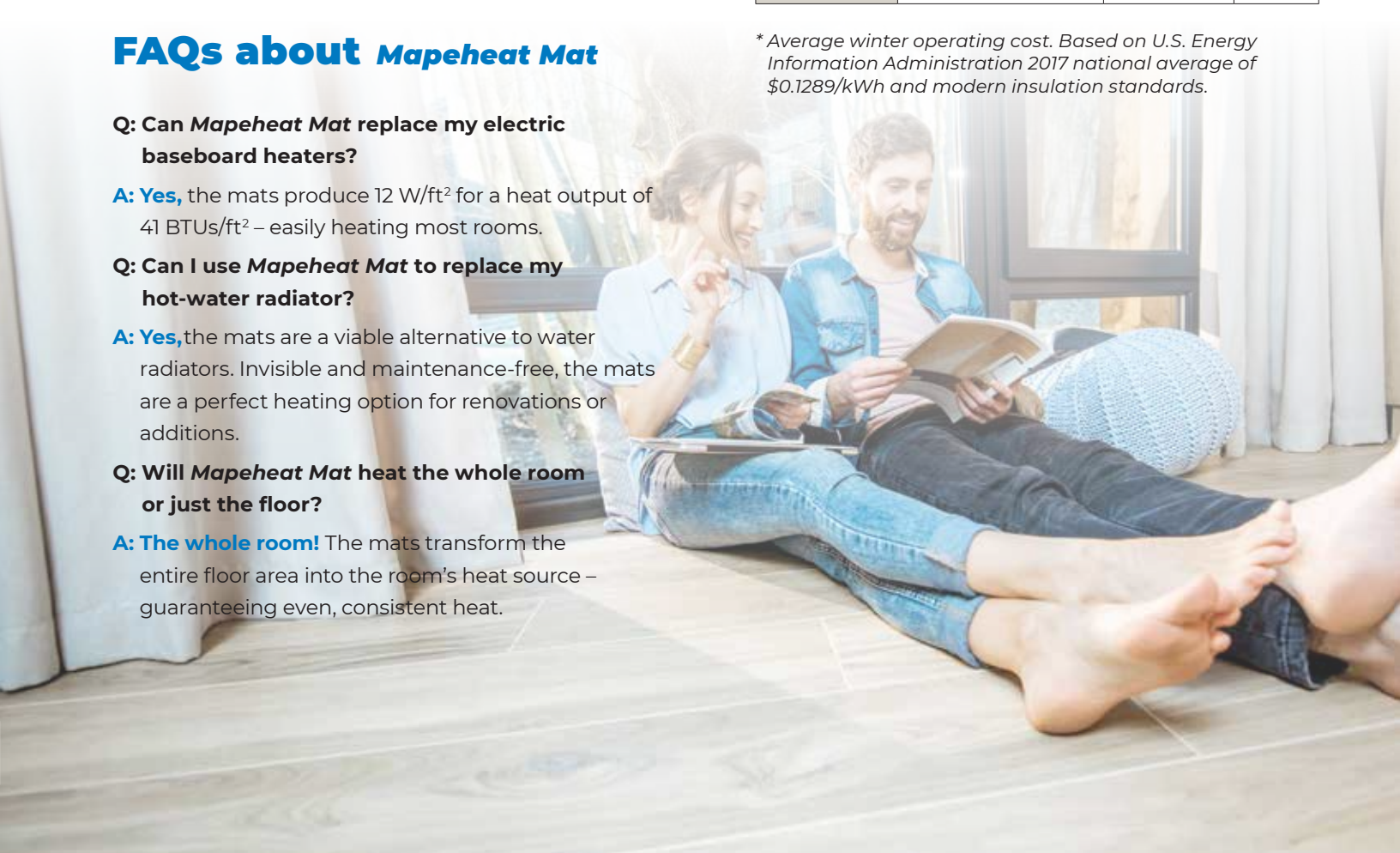
A: Yes, the mats produce 12 W/ft² for a heat output of 41 BTUs/ft² – easily heating most rooms.

Q: Can I use Mapeheat Mat to replace my hot-water radiator?

A: Yes, the mats are a viable alternative to water radiators. Invisible and maintenance-free, the mats are a perfect heating option for renovations or additions.

Q: Will Mapeheat Mat heat the whole room or just the floor?

A: The whole room! The mats transform the entire floor area into the room's heat source – guaranteeing even, consistent heat.



Sizes for Mapeheat Mat, 120 V

Product Size	Dimensions	Ohms	Amps	Watts	Product Code
Shower Mat*	32" x 32" (81 x 81 cm)	171	0.7	84	3202901
3.5 ft. series	40" x 27" (102 x 69 cm)	160	0.8	90	3203001
	40" x 32" (102 x 81 cm)	135	0.9	107	3203101
	40" x 48" (102 x 122 cm)	90	1.3	160	3203301
4 ft. series	48" x 24" (122 x 61 cm)	150	0.8	96	3203301
	48" x 30" (122 x 76 cm)	120	1.0	120	3203501
	48" x 36" (122 x 91 cm)	100	1.2	144	3203601
	48" x 48" (122 x 122 cm)	75	1.6	192	3203701
5 ft. series	60" x 24" (152 x 61 cm)	120	1.0	120	3203801
	60" x 30" (152 x 76 cm)	96	1.3	150	3203901
	60" x 36" (152 x 91 cm)	80	1.5	180	3204001
	60" x 42" (152 x 107 cm)	69	1.8	210	3204101
	60" x 48" (152 x 122 cm)	60	2.0	240	3204201
	60" x 60" (152 x 152 cm)	48	2.5	300	3204301
6 ft. series	72" x 24" (183 x 61 cm)	100	1.2	144	3204501
	72" x 30" (183 x 76 cm)	80	1.5	180	3204601
	72" x 36" (183 x 91 cm)	67	1.8	216	3204701
	72" x 42" (183 x 107 cm)	57	2.1	252	3204801
	72" x 48" (183 x 122 cm)	50	2.4	288	3204901
	72" x 60" (183 x 152 cm)	40	3.0	360	3204401
	72" x 72" (183 x 183 cm)	33	3.6	432	3205001
7 ft. series	84" x 24" (213 x 61 cm)	86	1.4	168	3205101
	84" x 30" (213 x 76 cm)	69	1.8	210	3205201
	84" x 36" (213 x 91 cm)	57	2.1	252	3205301
	84" x 42" (213 x 107 cm)	49	2.5	294	3205401
	84" x 48" (213 x 122 cm)	43	2.8	336	3205501
	84" x 60" (213 x 152 cm)	34	3.5	420	3205601
	84" x 72" (213 x 183 cm)	29	4.2	504	3205701
	84" x 84" (213 x 213 cm)	25	4.9	588	3205801

Product Size	Dimensions	Ohms	Amps	Watts	Product Code
8 ft. series	96" x 24" (243 x 61 cm)	75	1.6	192	3205901
	96" x 30" (243 x 76 cm)	60	2.0	240	3206001
	96" x 36" (243 x 91 cm)	50	2.4	288	3206101
	96" x 42" (243 x 107 cm)	43	2.8	336	3206201
	96" x 48" (243 x 122 cm)	38	3.2	384	3206301
	96" x 60" (243 x 152 cm)	30	4.0	480	3206401
	96" x 72" (243 x 183 cm)	25	4.8	576	3206501
	96" x 84" (243 x 213 cm)	21	5.6	672	3206601
	96" x 96" (243 x 243 cm)	19	6.4	768	3206701
9 ft. series	108" x 30" (274 x 76 cm)	53	2.3	270	3201201
	108" x 36" (274 x 91 cm)	44	2.7	324	3201301
	108" x 42" (274 x 107 cm)	38	3.2	378	3201401
	108" x 48" (274 x 122 cm)	33	3.6	432	3201501
	108" x 60" (274 x 152 cm)	27	4.5	540	3201601
	108" x 72" (274 x 183 cm)	22	5.4	648	3206801
	108" x 84" (274 x 213 cm)	19	6.3	756	3206901
108" x 108" (274 x 274 cm)	15	8.1	972	3201101	
10 ft. series	118" x 30" (300 x 76 cm)	49	2.5	295	3202101
	118" x 36" (300 x 91 cm)	41	3.0	354	3202201
	118" x 48" (300 x 122 cm)	31	3.9	472	3202401
	118" x 60" (300 x 152 cm)	24	4.9	590	3202501
	118" x 72" (300 x 183 cm)	20	5.9	708	3202601
	118" x 84" (300 x 213 cm)	17	6.9	826	3202701
	118" x 96" (300 x 243 cm)	15	7.9	944	3202801
	118" x 116" (300 x 295 cm)	13	9.5	1141	3201901

* The shower mat size has a 5" (7.5 cm) center drain hole and exterior dimensions of 32" x 32" (81 x 81 cm).

Electrical details about Mapeheat Mat

- 150 sq. ft. (13.9 m²) can be installed on a single 120 V circuit.
- 300 sq. ft. (27.9 m²) can be installed on a single 240 V circuit.
- 300 sq. ft. (27.9 m²) can be installed on a single thermostat.
- Mapeheat controls are equipped with ground fault circuit interrupter (GFCI) protection.
- All Mapeheat thermostats come with a floor-sensing probe.
- Electrical installation instructions are available at www.mapei.com.



Sizes for Mapeheat Mat, 240 V

Product Size	Dimensions	Ohms	Amps	Watts	Product Code
5 ft. series	60" x 36" (152 x 91 cm)	320	0.8	180	3210401
	60" x 42" (152 x 107 cm)	274	0.9	210	3210501
	60" x 48" (152 x 122 cm)	240	1.0	240	3210601
	60" x 60" (152 x 152 cm)	192	1.3	300	3210701
6 ft. series	72" x 30" (183 x 76 cm)	320	0.8	180	3210801
	72" x 36" (183 x 91 cm)	267	0.9	216	3210901
	72" x 42" (183 x 107 cm)	229	1.1	252	3211001
7 ft. series	84" x 36" (213 x 91 cm)	229	1.1	252	3211601
	84" x 48" (213 x 122 cm)	171	1.4	336	3211801
8 ft. series	96" x 48" (243 x 122 cm)	150	1.6	384	3212601
10 ft. series	118" x 42" (300 x 107 cm)	140	1.7	413	3208601
	118" x 48" (300 x 122 cm)	122	2.0	472	3208701
	118" x 60" (300 x 152 cm)	98	2.5	590	3208801
	118" x 116" (300 x 295 cm)	51	4.8	1141	3208201
12 ft. series	144" x 36" (366 x 91 cm)	133	1.8	432	3209501
	144" x 60" (366 x 152 cm)	80	3.0	720	3209601
	144" x 120" (366 x 304 cm)	40	6.0	1440	3209301
20 ft. series	240" x 120" (610 x 304 cm)	24	10.0	2400	3210301

Warranty information

MAPEI offers a 25-Year Product Warranty. When installed with a MAPEI or nVent Nuheat Certified Pro Installer, MAPEI will undertake to restore the floor to its original state, or, if not possible, to an equivalent standard, at no cost to the Buyer. Otherwise, if installed with a non-MAPEI or non-Certified Pro Installer, only the product is covered under the limited warranty.

The online warranty registration form must be completed at www.mapeheatwarranties.com within thirty (30) days from the date of installation and kept by the homeowner, together with a copy of the test logs, proof of purchase, and photographs showing the product(s) in their entirety after installation but before the installation of the flooring material.

In order to remedy the defect, MAPEI must have access to 10 sq. ft. (0.93 m²) of the floor-covering material.

For more information, please visit www.mapeheatwarranties.com.



Mapeheat Thermo Connect

Programmable, WiFi floor-heating thermostat

- WiFi-enabled
- Works with Amazon Alexa®, Google Assistant®, IFTTT®, Nest®
- 3.5" (9 cm) color touchscreen
- Energy usage monitor
- 7-day programmability
- Dual-voltage (120 V and 240 V)



Mapeheat Thermo Touch

Programmable floor-heating thermostat

- 3.5" (9 cm) color touchscreen
- Energy usage monitor
- 7-day programmability
- Dual-voltage (120 V and 240 V)



Mapeheat Thermo Basic

Non-programmable floor-heating thermostat

- Manual temperature control
- Dual-voltage (120 V and 240 V)





MAPEI USA
MAPEI Canada

MAPEI Headquarters of North America

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Deerfield Beach, Florida 33442
1-888-US-MAPEI (1-888-876-2734) /
(954) 246-8888

Technical Services

1-800-992-6273 (U.S. and Puerto Rico)
1-800-361-9309 (Canada)

Customer Service

1-800-42-MAPEI (1-800-426-2734)

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