



## UNDERFLOOR HEATING MAT 160 and 200 W/m<sup>2</sup>

Heat MyHome's electric underfloor heating mats are ideal for heating rooms and warming floors beneath virtually any floor covering. The 200W mats are designed for use with tile and stone floors and their high output ensures a speedy warm up time; when installed onto insulation boards they can provide sole source heating even in high heat loss rooms such as conservatories.

The 160W range can be used directly beneath tile and stone floors, and beneath virtually any other floor covering if first installed beneath a 12mm layer of flexible leveling compound. In reasonably well insulated rooms the system can be used to provide sole source heating as well as floor warming.

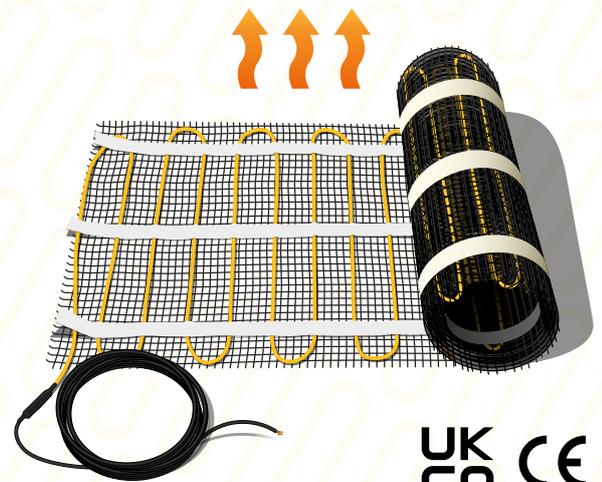
The mats are compatible with any mains-Voltage underfloor heating controlled and this allows the floor and air temperature to be independently controlled. Heating mats should not be placed under any furniture without a 50mm air-gap beneath it, and we recommend deducting roughly 10% from your free floor area to provide you with the mat coverage to order.

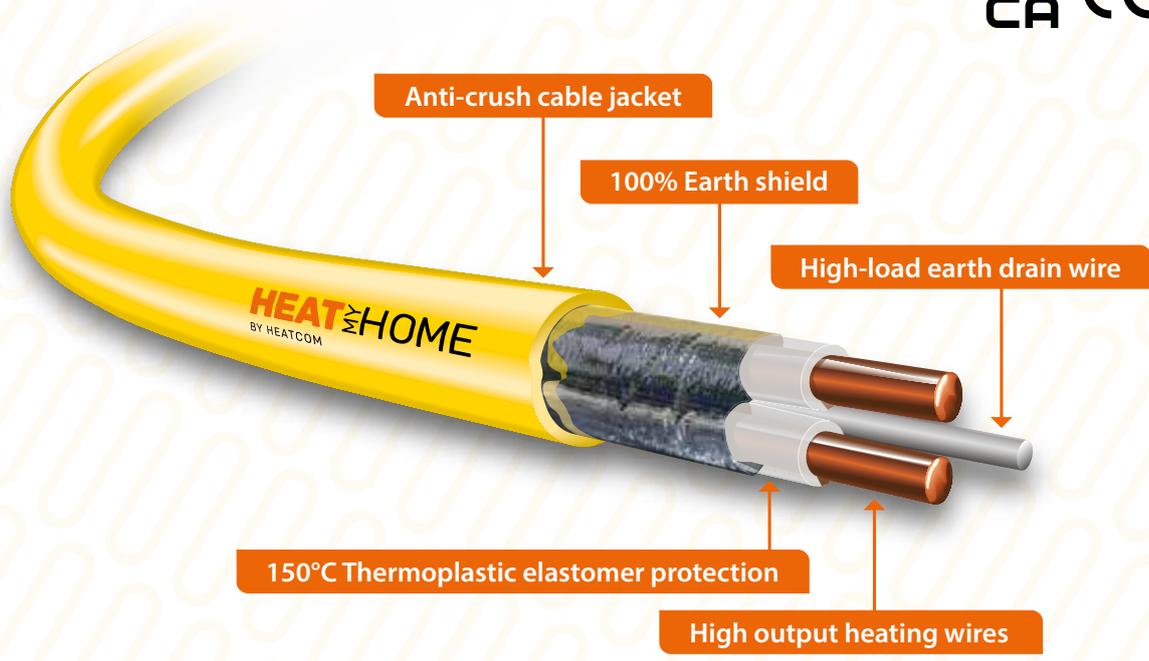


### FEATURES AND BENEFITS

- Provides sole source heating in reasonably well insulated rooms
- Suitable for use beneath virtually any floor covering
- Very quick to install with pre-spaced heating cable and cut and turn design
- Mix and match mat sizes to provide your desired coverage
- Particularly suited to large areas where loose heating cable can take up to three times as long to fit
- Safety guaranteed by anti-crush cable jacket and 100% earth shield
- 18th Edition compliant and UKCA marked
- Covered by a no-quibble 15 year warranty

Version 1-032021





## TECHNICAL DATA

Voltage	240 V – 50Hz
Cable diameter	Ø3.5 mm
Inner conductor, insulation	High-temperature TPE
Cold tail	2.5m
Approval	UKCA and CE
Cable type	2 wires + shield
Screen	Aluminium mylar tape and copper conductor
Outer sheath	Polyolefin
Maximum permissible cable temperature	90 °C
Overall height	4mm additional build height
Warranty	15 years
Standard	EN60335-2-96
Tolerance resistance	-5%/+10%
Tolerance length	+/- 2%

## APPLICATION

Beneath tiles	✓
Beneath carpet, vinyl and laminate*	✓
Installed beneath 55mm screed	X
Sole source heating	✓
In wet-rooms	✓

\*when covered with a suitable levelling compound



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## 160W /sqm Heating Mats

Product Code	Product Description	Wattage	Ampage (A)	Resistance (Ohms) +/- 10%
HMHMAT160W-1.0	160W/sqm 1sqm heating mat	160 W	0.70 A	346 Ω
HMHMAT160W-1.5	160W/sqm 1.5sqm heating mat	240 W	1.04 A	235 Ω
HMHMAT160W-2.0	160W/sqm 2sqm heating mat	320 W	1.39 A	178 Ω
HMHMAT160W-2.5	160W/sqm 2.5sqm heating mat	400 W	1.74 A	140 Ω
HMHMAT160W-3.0	160W/sqm 3sqm heating mat	480 W	2.09 A	117 Ω
HMHMAT160W-4.0	160W/sqm 4sqm heating mat	640W	2.78 A	88 Ω
HMHMAT160W-5.0	160W/sqm 5sqm heating mat	800 W	3.48 A	71 Ω
HMHMAT160W-6.0	160W/sqm 6sqm heating mat	960 W	4.17 A	59 Ω
HMHMAT160W-7.0	160W/sqm 7sqm heating mat	1120 W	4.87 A	50 Ω
HMHMAT160W-8.0	160W/sqm 8sqm heating mat	1280 W	5.57 A	44.2 Ω
HMHMAT160W-9.0	160W/sqm 9sqm heating mat	1440 W	6.26 A	39.2 Ω
HMHMAT160W-10.0	160W/sqm 10sqm heating mat	1600 W	6.96 A	35.3 Ω
HMHMAT160W-12.0	160W/sqm 12sqm heating mat	1920 W	8.35 A	29.4 Ω
HMHMAT160W-15.0	160W/sqm 15sqm heating mat	2400 W	10.43 A	23.5 Ω

## 200W /sqm Heating Mats

Resistance are 0.77 A and 299

Product Code	Product Description	Wattage	Ampage (A)	Resistance (Ohms) +/- 10%
HMHMAT200W-0.9	200W/sqm 0.9sqm heating mat	176W	0.77 A	299 Ω
HMHMAT200W-1.7	200W/sqm 1.7sqm heating mat	331 W	1.44 A	178 Ω
HMHMAT200W-2.5	200W/sqm 2.5sqm heating mat	487 W	2.12 A	117 Ω
HMHMAT200W-3.4	200W/sqm 3.4sqm heating mat	663 W	2.88 A	88 Ω
HMHMAT200W-4.2	200W/sqm 4.2sqm heating mat	819 W	3.56 A	71 Ω
HMHMAT200W-5.0	200W/sqm 5.0sqm heating mat	975 W	4.24 A	59 Ω
HMHMAT200W-5.9	200W/sqm 5.9sqm heating mat	1150 W	5.00 A	50 Ω
HMHMAT200W-6.7	200W/sqm 6.7sqm heating mat	1306 W	5.68 A	44.2 Ω
HMHMAT200W-7.5	200W/sqm 7.5sqm heating mat	1462 W	6.36 A	39.2 Ω
HMHMAT200W-8.4	200W/sqm 8.4sqm heating mat	1638 W	7.12 A	35.3 Ω
HMHMAT200W-10.0	200W/sqm 10sqm heating mat	1950 W	8.48 A	29.4 Ω