



UNDERFLOOR HEATING MAT

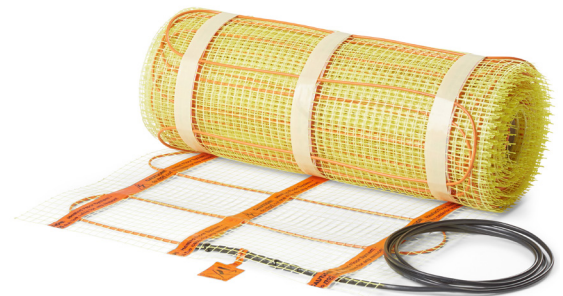
100 W/m², 150 W/m² & 190 W/m²

The heating mat has been developed for indoor use on all types of existing, stable flooring and is made with ultra-thin high-quality heating cable. The heating mat fixes to the floor with double-sided tape and must be fully embedded in a layer of screed, levelling compound or tile adhesive. Under good insulation conditions, use:

- 100 W/m² for secondary and primary room heating.
- 150 W/m² for bathrooms and rooms with "cool" floor coverings such as tiles.
- 190 W/m² where there is a need for extra high temperatures or where the insulation conditions mean that you need more output in the room in order to reach a comfortable room temperature.

Heating mats are available in many sizes, suitable for a wide range of applications.

The cable on the heating mat is an earthed dual conductor cable.



TECHNICAL DATA

Voltage	230 V
Cable diameter	Ø3,4 mm +/-0,2mm
Inner conductor, insulation	Fluoropolymer
Earth screen	Aluminum mylar tape and copper conductor
Cold cable	2 wires + earth screen, LSZH
Outer sheath	PVC
Max. permissible cable temperature	90° C
Mesh	Coated glass fibre
Fire class, CPR	E _{ca}
Build height	5mm above cable
Warranty	25 years
Approval	CE • UKCA • SEMKO • BEAB
Standard	EN60335-2-96
Tolerance resistance	-5 / +10 %
Tolerance lenght	+/- 2 %

APPLICATION

Wet rooms	✓
Regular housings	✓
In concrete	
Existing floor	✓
In screed	✓

ACCESSORIES

Thermostat	
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LINK TO OUR WEB SITE



Version 2-102023

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HEATING MAT - 100 W/m²

PRODUCT DESCRIPTION	POWER	CURRENT	RESISTANCE
Heating mat Ø3 mm 100 W/m ² - 1,1 m ² (0,5 x 2,2 m)	110 W	0,5 A	503 Ω
Heating mat Ø3 mm 100 W/m ² - 1,4 m ² (0,5 x 2,9 m)	150 W	0,6 A	358 Ω
Heating mat Ø3 mm 100 W/m ² - 2,0 m ² (0,5 x 4,0 m)	200 W	0,9 A	266 Ω
Heating mat Ø3 mm 100 W/m ² - 2,6 m ² (0,5 x 5,2 m)	260 W	1,1 A	201 Ω
Heating mat Ø3 mm 100 W/m ² - 3,0 m ² (0,5 x 6,0 m)	310 W	1,3 A	172 Ω
Heating mat Ø3 mm 100 W/m ² - 4,1 m ² (0,5 x 8,2 m)	410 W	1,8 A	130 Ω
Heating mat Ø3 mm 100 W/m ² - 4,9 m ² (0,5 x 9,8 m)	530 W	2,3 A	101 Ω
Heating mat Ø3 mm 100 W/m ² - 5,8 m ² (0,5 x 11,6 m)	580 W	2,5 A	92 Ω
Heating mat Ø3 mm 100 W/m ² - 7,0 m ² (0,5 x 14,0 m)	730 W	3,2 A	72 Ω
Heating mat Ø3 mm 100 W/m ² - 8,3 m ² (0,5 x 16,6 m)	810 W	3,5 A	65 Ω
Heating mat Ø3 mm 100 W/m ² - 9,0 m ² (0,5 x 18,0 m)	930 W	4,1 A	57 Ω
Heating mat Ø3 mm 100 W/m ² - 10,2 m ² (0,5 x 20,4 m)	1000 W	4,4 A	53 Ω
Heating mat Ø3 mm 100 W/m ² - 11,5 m ² (0,5 x 23,0 m)	1130 W	4,9 A	47 Ω
Heating mat Ø3 mm 100 W/m ² - 13,0 m ² (0,5 x 26,0 m)	1260 W	5,5 A	42 Ω
Heating mat Ø3 mm 100 W/m ² - 15,0 m ² (0,5 x 30,0 m)	1530 W	6,6 A	35 Ω

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HEATING MAT - 150 W/m²

PRODUCT DESCRIPTION	POWER	CURRENT	RESISTANCE
Heating mat Ø3 mm 150 W/m ² - 0,8 m ² (0,5 x 1,7 m)	130 W	0,6 A	397 Ω
Heating mat Ø3 mm 150 W/m ² - 1,2 m ² (0,5 x 2,4 m)	180 W	0,8 A	301 Ω
Heating mat Ø3 mm 150 W/m ² - 1,6 m ² (0,5 x 3,2 m)	240 W	1,0 A	219 Ω
Heating mat Ø3 mm 150 W/m ² - 2,2 m ² (0,5 x 4,3 m)	320 W	1,4 A	165 Ω
Heating mat Ø3 mm 150 W/m ² - 2,5 m ² (0,5 x 5,0 m)	370 W	1,6 A	145 Ω
Heating mat Ø3 mm 150 W/m ² - 3,0 m ² (0,5 x 6,0 m)	450 W	1,9 A	118 Ω
Heating mat Ø3 mm 150 W/m ² - 3,4 m ² (0,5 x 6,7 m)	490 W	2,1 A	107 Ω
Heating mat Ø3 mm 150 W/m ² - 3,6 m ² (0,5 x 7,2 m)	520 W	2,3 A	101 Ω
Heating mat Ø3 mm 150 W/m ² - 4,2 m ² (0,5 x 8,4 m)	610 W	2,7 A	86 Ω
Heating mat Ø3 mm 150 W/m ² - 4,8 m ² (0,5 x 9,6 m)	690 W	3,0 A	77 Ω
Heating mat Ø3 mm 150 W/m ² - 5,4 m ² (0,5 x 10,8 m)	780 W	3,4 A	68 Ω
Heating mat Ø3 mm 150 W/m ² - 6,0 m ² (0,5 x 12,0 m)	860 W	3,7 A	62 Ω
Heating mat Ø3 mm 150 W/m ² - 6,8 m ² (0,5 x 13,7 m)	980 W	4,3 A	54 Ω
Heating mat Ø3 mm 150 W/m ² - 7,2 m ² (0,5 x 14,4 m)	1040 W	4,5 A	51 Ω
Heating mat Ø3 mm 150 W/m ² - 8,0 m ² (0,5 x 16,1 m)	1170 W	5,1 A	45 Ω
Heating mat Ø3 mm 150 W/m ² - 8,4 m ² (0,5 x 16,8 m)	1220 W	5,3 A	44 Ω
Heating mat Ø3 mm 150 W/m ² - 9,5 m ² (0,5 x 19,0 m)	1370 W	6,0 A	39 Ω
Heating mat Ø3 mm 150 W/m ² - 10,5 m ² (0,5 x 21,0 m)	1560 W	6,8 A	34 Ω
Heating mat Ø3 mm 150 W/m ² - 11,3 m ² (0,5 x 22,6 m)	1630 W	7,1 A	33 Ω
Heating mat Ø3 mm 150 W/m ² - 12,4 m ² (0,5 x 24,8m)	1850 W	8,0 A	29 Ω
Heating mat Ø3 mm 150 W/m ² - 14,7 m ² (0,5 x 29,4 m)	2170 W	9,4 A	24 Ω

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HEATING MAT - 190 W/m²

PRODUCT DESCRIPTION	POWER	CURRENT	RESISTANCE
Heating mat Ø3 mm 190 W/m ² - 0,6 m ² (0,5 x 1,2 m)	120 W	0,5 A	455 Ω
Heating mat Ø3 mm 190 W/m ² - 1,0 m ² (0,5 x 2,0 m)	180 W	0,8 A	290 Ω
Heating mat Ø3 mm 190 W/m ² - 1,6 m ² (0,5 x 3,2 m)	300 W	1,3 A	179 Ω
Heating mat Ø3 mm 190 W/m ² - 2,0 m ² (0,5 x 4,0 m)	370 W	1,6 A	144 Ω
Heating mat Ø3 mm 190 W/m ² - 2,6 m ² (0,5 x 5,2 m)	490 W	2,1 A	109 Ω
Heating mat Ø3 mm 190 W/m ² - 2,8 m ² (0,5 x 5,6 m)	520 W	2,3 A	102 Ω
Heating mat Ø3 mm 190 W/m ² - 3,5 m ² (0,5 x 7,0 m)	650 W	2,8 A	82 Ω
Heating mat Ø3 mm 190 W/m ² - 4,1 m ² (0,5 x 8,2 m)	780 W	3,4 A	68 Ω
Heating mat Ø3 mm 190 W/m ² - 5,5 m ² (0,5 x 11,0 m)	1060 W	4,6 A	50 Ω
Heating mat Ø3 mm 190 W/m ² - 6,0 m ² (0,5 x 12,0 m)	1130 W	4,9 A	47 Ω
Heating mat Ø3 mm 190 W/m ² - 6,8 m ² (0,5 x 13,6 m)	1300 W	5,7 A	41 Ω
Heating mat Ø3 mm 190 W/m ² - 7,3 m ² (0,5 x 14,6 m)	1380 W	6,0 A	38 Ω
Heating mat Ø3 mm 190 W/m ² - 8,7 m ² (0,5 x 17,4 m)	1630 W	7,1 A	32 Ω
Heating mat Ø3 mm 190 W/m ² - 10,2 m ² (0,5 x 20,4 m)	1950 W	8,5 A	27 Ω
Heating mat Ø3 mm 190 W/m ² - 12,9 m ² (0,5 x 25,8 m)	2410 W	10,5 A	22 Ω

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