



## UNDERFLOOR HEATING MAT

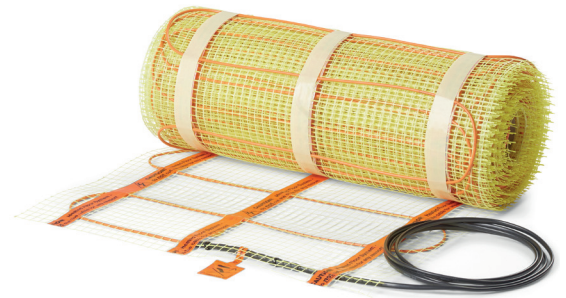
### 100, 150, 190 W/m<sup>2</sup>

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/m<sup>2</sup> for general room heating.
- 150 W/m<sup>2</sup> for bathrooms and rooms with “cool” floor coverings such as tiles.
- 190 W/m<sup>2</sup> 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 in the heating mat is an earthed dual conductor cable.



### TECHNICAL DATA

Voltage	230 V - 50 Hz
Cable diameter	Ø3 mm
Inner conductor, insulation	FEP
Cold cable	2,5 m
Cable type	2 wires + earth screen
Screen	Aluminium mylar tape and copper conductor
Outer sheath	PVC
Max. permissible cable temperature	90° C
Mesh	Coated fiberglass
Overall height	Min. 7 mm
Warranty	25 years
Approval	CE, SEMKO, BEAB
Standard	EN60335-2-96
Tolerance resistance	-5 %/+10 %
Tolerance length	+/- 2 %

### APPLICATION

Wet rooms	✓
Reg. housing	✓
Concrete	
Existing floor	✓
In screed	✓

### LINK TO OUR WEBSITE



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## HEATING MAT - 100 W/m<sup>2</sup>

PRODUCT DESCRIPTION	POWER	CURRENT	RESISTANCE
Heating Mat Ø3 mm 100 W/m <sup>2</sup> - 1,1 m <sup>2</sup> (0,5 x 2,2 m)	110 W	0,5 A	503 Ω
Heating Mat Ø3 mm 100 W/m <sup>2</sup> - 1,4 m <sup>2</sup> (0,5 x 2,8 m)	140 W	0,6 A	386 Ω
Heating Mat Ø3 mm 100 W/m <sup>2</sup> - 2,0 m <sup>2</sup> (0,5 x 4,0 m)	200 W	0,9 A	259 Ω
Heating Mat Ø3 mm 100 W/m <sup>2</sup> - 3,0 m <sup>2</sup> (0,5 x 6,0 m)	290 W	1,3 A	180 Ω
Heating Mat Ø3 mm 100 W/m <sup>2</sup> - 4,1 m <sup>2</sup> (0,5 x 8,2 m)	400 W	1,7 A	133 Ω
Heating Mat Ø3 mm 100 W/m <sup>2</sup> - 4,9 m <sup>2</sup> (0,5 x 9,8 m)	480 W	2,1 A	110 Ω
Heating Mat Ø3 mm 100 W/m <sup>2</sup> - 5,8 m <sup>2</sup> (0,5 x 11,6 m)	580 W	2,5 A	91 Ω
Heating Mat Ø3 mm 100 W/m <sup>2</sup> - 7,0 m <sup>2</sup> (0,5 x 14,0 m)	680 W	3,0 A	77 Ω
Heating Mat Ø3 mm 100 W/m <sup>2</sup> - 8,3 m <sup>2</sup> (0,5 x 16,6 m)	820 W	3,6 A	64 Ω
Heating Mat Ø3 mm 100 W/m <sup>2</sup> - 9,0 m <sup>2</sup> (0,5 x 18,0 m)	910 W	3,9 A	58 Ω
Heating Mat Ø3 mm 100 W/m <sup>2</sup> - 10,2 m <sup>2</sup> (0,5 x 20,4 m)	970 W	4,2 A	55 Ω
Heating Mat Ø3 mm 100 W/m <sup>2</sup> - 11,5 m <sup>2</sup> (0,5 x 23,0 m)	1100 W	4,8 A	48 Ω
Heating Mat Ø3 mm 100 W/m <sup>2</sup> - 13,0 m <sup>2</sup> (0,5 x 26,1 m)	1300 W	5,6 A	41 Ω
Heating Mat Ø3 mm 100 W/m <sup>2</sup> - 15,0 m <sup>2</sup> (0,5 x 30,1 m)	1500 W	6,6 A	35 Ω

## HEATING MAT - 150 W/m<sup>2</sup>

PRODUCT DESCRIPTION	POWER	CURRENT	RESISTANCE
Heating Mat Ø3 mm 150 W/m <sup>2</sup> - 0,8 m <sup>2</sup> (0,5 x 1,6 m)	130 W	0,6 A	397 Ω
Heating Mat Ø3 mm 150 W/m <sup>2</sup> - 1,2 m <sup>2</sup> (0,5 x 2,4 m)	180 W	0,8 A	301 Ω
Heating Mat Ø3 mm 150 W/m <sup>2</sup> - 1,4 m <sup>2</sup> (0,5 x 2,8 m)	210 W	0,9 A	250 Ω
Heating Mat Ø3 mm 150 W/m <sup>2</sup> - 1,9 m <sup>2</sup> (0,5 x 3,8 m)	290 W	1,2 A	186 Ω
Heating Mat Ø3 mm 150 W/m <sup>2</sup> - 2,2 m <sup>2</sup> (0,5 x 4,4 m)	320 W	1,4 A	165 Ω
Heating Mat Ø3 mm 150 W/m <sup>2</sup> - 2,5 m <sup>2</sup> (0,5 x 5,0 m)	370 W	1,6 A	145 Ω
Heating Mat Ø3 mm 150 W/m <sup>2</sup> - 3,0 m <sup>2</sup> (0,5 x 6,0 m)	450 W	2,0 A	118 Ω
Heating Mat Ø3 mm 150 W/m <sup>2</sup> - 3,4 m <sup>2</sup> (0,5 x 6,8 m)	490 W	2,1 A	107 Ω
Heating Mat Ø3 mm 150 W/m <sup>2</sup> - 4,0 m <sup>2</sup> (0,5 x 8,0 m)	590 W	2,6 A	90 Ω
Heating Mat Ø3 mm 150 W/m <sup>2</sup> - 5,0 m <sup>2</sup> (0,5 x 10,0 m)	710 W	3,1 A	74 Ω
Heating Mat Ø3 mm 150 W/m <sup>2</sup> - 6,0 m <sup>2</sup> (0,5 x 12,0 m)	860 W	3,7 A	62 Ω
Heating Mat Ø3 mm 150 W/m <sup>2</sup> - 6,8 m <sup>2</sup> (0,5 x 13,6 m)	980 W	4,3 A	54 Ω
Heating Mat Ø3 mm 150 W/m <sup>2</sup> - 7,4 m <sup>2</sup> (0,5 x 14,8 m)	1050 W	4,6 A	50 Ω
Heating Mat Ø3 mm 150 W/m <sup>2</sup> - 8,0 m <sup>2</sup> (0,5 x 16,0 m)	1170 W	5,1 A	45 Ω
Heating Mat Ø3 mm 150 W/m <sup>2</sup> - 9,0 m <sup>2</sup> (0,5 x 18,0 m)	1300 W	5,7 A	41 Ω
Heating Mat Ø3 mm 150 W/m <sup>2</sup> - 10,7 m <sup>2</sup> (0,5 x 21,4 m)	1530 W	6,7 A	35 Ω
Heating Mat Ø3 mm 150 W/m <sup>2</sup> - 11,3 m <sup>2</sup> (0,5 x 22,6 m)	1630 W	7,1 A	33 Ω
Heating Mat Ø3 mm 150 W/m <sup>2</sup> - 12,8 m <sup>2</sup> (0,5 x 25,6 m)	1850 W	8,0 A	29 Ω
Heating Mat Ø3 mm 150 W/m <sup>2</sup> - 14,7 m <sup>2</sup> (0,5 x 29,4 m)	2110 W	9,2 A	25 Ω

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## HEATING MAT - 190 W/m<sup>2</sup>

PRODUCT DESCRIPTION	POWER	CURRENT	RESISTANCE
Heating Mat Ø3 mm 190 W/m <sup>2</sup> - 0.6 m <sup>2</sup> (0.5 x 1.2 m)	110 W	0,5 A	490 Ω
Heating Mat Ø3 mm 190 W/m <sup>2</sup> - 1.0 m <sup>2</sup> (0.5 x 2.0 m)	190 W	0,8 A	282 Ω
Heating Mat Ø3 mm 190 W/m <sup>2</sup> - 1.6 m <sup>2</sup> (0.5 x 3.2 m)	300 W	1,3 A	179 Ω
Heating Mat Ø3 mm 190 W/m <sup>2</sup> - 2.0 m <sup>2</sup> (0.5 x 4.0 m)	370 W	1,6 A	144 Ω
Heating Mat Ø3 mm 190 W/m <sup>2</sup> - 2.6 m <sup>2</sup> (0.5 x 5.2 m)	480 W	2,1 A	111 Ω
Heating Mat Ø3 mm 190 W/m <sup>2</sup> - 2.8 m <sup>2</sup> (0.5 x 5.6 m)	510 W	2,2 A	103 Ω
Heating Mat Ø3 mm 190 W/m <sup>2</sup> - 3.5 m <sup>2</sup> (0.5 x 7.0 m)	640 W	2,8 A	83 Ω
Heating Mat Ø3 mm 190 W/m <sup>2</sup> - 4.2 m <sup>2</sup> (0.5 x 8.4 m)	760 W	3,3 A	69 Ω
Heating Mat Ø3 mm 190 W/m <sup>2</sup> - 5.4 m <sup>2</sup> (0.5 x 10.8 m)	970 W	4,2 A	54 Ω
Heating Mat Ø3 mm 190 W/m <sup>2</sup> - 6.0 m <sup>2</sup> (0.5 x 12.0 m)	1080 W	4,7 A	49 Ω
Heating Mat Ø3 mm 190 W/m <sup>2</sup> - 6.7 m <sup>2</sup> (0.5 x 13.4 m)	1210 W	5,3 A	44 Ω
Heating Mat Ø3 mm 190 W/m <sup>2</sup> - 7.5 m <sup>2</sup> (0.5 x 15.0 m)	1350 W	5,9 A	39 Ω
Heating Mat Ø3 mm 190 W/m <sup>2</sup> - 8.9 m <sup>2</sup> (0.5 x 17.8 m)	1590 W	6,9 A	33 Ω
Heating Mat Ø3 mm 190 W/m <sup>2</sup> - 9.9 m <sup>2</sup> (0.5 x 19.8 m)	1790 W	7,8 A	30 Ω

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