

## Heat-Mat 30

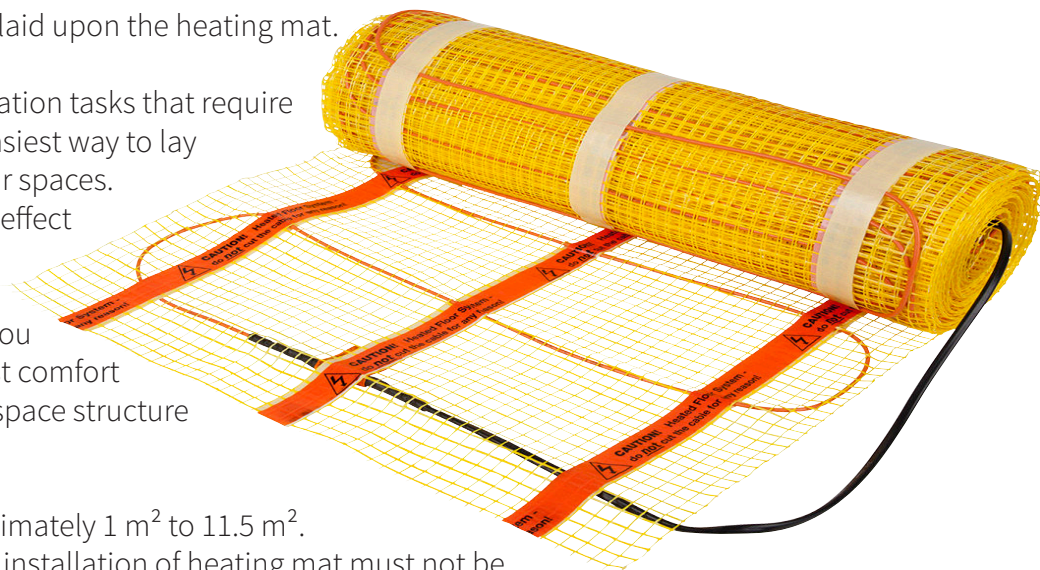
### Indoor heating mats - 100, 150 and 190 W/m<sup>2</sup>

Environmentally heating mat for low-built installation on existing stable floors. Heating mat is made by a 3 mm heating cable of top quality and the finished installation takes up only 5 mm, when the mat is covered with tile adhesive or filler - before the new flooring is laid upon the heating mat.

Heating mats are ideal for renovation tasks that require low building height and is the easiest way to lay underfloor heating in rectangular spaces. The heating mat gives the same effect over the entire mat. There is a choice of three performance classes depending on whether you want a total heating space or just comfort heating, insulation degree, and space structure in general.

Product sizes range from approximately 1 m<sup>2</sup> to 11.5 m<sup>2</sup>.

The ambient temperature in the installation of heating mat must not be below 5 °C. The cable is a 2-core shielded IPX7 heating cable with inner conductors of teflon. The screen is of tinned copper. The max. temperature of the cable is 90 °C. There is given extended warranty for a total of 15 years, when properly installed.



## Technical Data



Voltage	230 V ~ 50 Hz
Cable diameter	Ø3 mm
Insulation inner sheath	Teflon
Authorisation	CE, SEMKO, BEAB
Cable buildup	2 conductors + ground shield
Ground shield	Tinned Copper
Outer sheath	PVC
Max. temp. on cable	90 °C
Building height	min. 5mm
Warranty	15 years
Standard	EN60335-2-96
Resistance tolerance	-5 % / +10 %
Length tolerance	+/- 2 %

## Heat-Mat 30 • 100 W

Item	Type	Description	Power	Current	Resistance
32100150	HM30E100-011	3 mm Mat 100 W/m <sup>2</sup> 1.1 m <sup>2</sup> (0.5 x 2.20 m)	110 W	0,5 A	493 Ω
32101550	HM30E100-014	3 mm Mat 100 W/m <sup>2</sup> 1.4 m <sup>2</sup> (0.5 x 2.80 m)	140 W	0,6 A	374 Ω
32100250	HM30E100-020	3 mm Mat 100 W/m <sup>2</sup> 2.0 m <sup>2</sup> (0.5 x 4.00 m)	210 W	0,9 A	257 Ω
32100350	HM30E100-030	3 mm Mat 100 W/m <sup>2</sup> 3.0 m <sup>2</sup> (0.5 x 6.00 m)	300 W	1,3 A	176 Ω
32100450	HM30E100-041	3 mm Mat 100 W/m <sup>2</sup> 4.1 m <sup>2</sup> (0.5 x 8.12 m)	410 W	1,8 A	129 Ω
32100550	HM30E100-049	3 mm Mat 100 W/m <sup>2</sup> 4.9 m <sup>2</sup> (0.5 x 9.80 m)	500 W	2,2 A	106 Ω
32100650	HM30E100-058	3 mm Mat 100 W/m <sup>2</sup> 5.8 m <sup>2</sup> (0.5 x 11.60 m)	600 W	2,6 A	88 Ω
32100700	HM30E100-070	3 mm Mat 100 W/m <sup>2</sup> 7.0 m <sup>2</sup> (0.5 x 14.00 m)	720 W	3,1 A	75 Ω
32100850	HM30E100-083	3 mm Mat 100 W/m <sup>2</sup> 8.3 m <sup>2</sup> (0.5 x 16.60 m)	850 W	3,7 A	62 Ω
32100900	HM30E100-090	3 mm Mat 100 W/m <sup>2</sup> 9.0 m <sup>2</sup> (0.5 x 18.00 m)	940 W	4,1 A	56 Ω
32101050	HM30E100-102	3 mm Mat 100 W/m <sup>2</sup> 10.2 m <sup>2</sup> (0.5 x 20.40 m)	1030 W	4,4 A	53 Ω
32101150	HM30E100-115	3 mm Mat 100 W/m <sup>2</sup> 11.5 m <sup>2</sup> (0.5 x 23.0 m)	1150 W	5,0 A	46 Ω

## Heat-Mat 30 • 150 W

Item	Type	Description	Power	Current	Resistance
32150150	HM30E150-011	3 mm Mat 150 W/m <sup>2</sup> 1.1 m <sup>2</sup> (0.5 x 2.20m)	160 W	0,7 A	306 Ω
32151550	HM30E150-015	3 mm Mat 150 W/m <sup>2</sup> 1.5 m <sup>2</sup> (0.5 x 3.00 m)	230 W	1,0 A	223 Ω
32150230	HM30E150-020	3 mm Mat 150 W/m <sup>2</sup> 2.0 m <sup>2</sup> (0.5 x 4.00 m)	300 W	1,3 A	167 Ω
32150250	HM30E150-023	3 mm Mat 150 W/m <sup>2</sup> 2.3 m <sup>2</sup> (0.5 x 4.60 m)	350 W	1,5 A	144 Ω
32150280	HM30E150-028	3 mm Mat 150 W/m <sup>2</sup> 2.8 m <sup>2</sup> (0.5 x 5.60 m)	420 W	1,8 A	120 Ω
32150350	HM30E150-031	3 mm Mat 150 W/m <sup>2</sup> 3.1 m <sup>2</sup> (0.5 x 6.20 m)	470 W	2,0 A	108 Ω
32150450	HM30E150-037	3 mm Mat 150 W/m <sup>2</sup> 3.7 m <sup>2</sup> (0.5 x 7.40 m)	550 W	2,4 A	91 Ω
32150470	HM30E150-044	3 mm Mat 150 W/m <sup>2</sup> 4.4 m <sup>2</sup> (0.5 x 8.80 m)	660 W	2,9 A	76 Ω
32150550	HM30E150-052	3 mm Mat 150 W/m <sup>2</sup> 5.2 m <sup>2</sup> (0.5 x 10.40 m)	780 W	3,4 A	64 Ω
32150650	HM30E150-062	3 mm Mat 150 W/m <sup>2</sup> 6.2 m <sup>2</sup> (0.5 x 12.40 m)	960 W	4,2 A	53 Ω
32150680	HM30E150-068	3 mm Mat 150 W/m <sup>2</sup> 6.8 m <sup>2</sup> (0.5 x 13.60 m)	1020 W	4,4 A	49 Ω
32150850	HM30E150-077	3 mm Mat 150 W/m <sup>2</sup> 7.7 m <sup>2</sup> (0.5 x 15.40 m)	1170 W	5,1 A	43 Ω
32150890	HM30E150-087	3 mm Mat 150 W/m <sup>2</sup> 8.7 m <sup>2</sup> (0.5 x 17.40 m)	1320 W	5,7 A	38 Ω
32151050	HM30E150-104	3 mm Mat 150 W/m <sup>2</sup> 10.4 m <sup>2</sup> (0.5 x 20.80 m)	1560 W	6,8 A	32 Ω
32151160	HM30E150-116	3 mm Mat 150 W/m <sup>2</sup> 11.6 m <sup>2</sup> (0.5 x 23.20 m)	1720 W	7,6 A	30 Ω

## Heat-Mat 30 • 190 W

Item	Type	Description	Power	Current	Resistance
32200060	HM30E190-006	3 mm Mat 190 W/m <sup>2</sup> 0.6 m <sup>2</sup> (0.5 x 1.20 m)	110 W	0,5 A	493 Ω
32200080	HM30E190-010	3 mm Mat 190 W/m <sup>2</sup> 1.0 m <sup>2</sup> (0.5 x 2.00 m)	180 W	0,8 A	374 Ω
32200160	HM30E190-016	3 mm Mat 190 W/m <sup>2</sup> 1.6 m <sup>2</sup> (0.5 x 3.20 m)	300 W	1,3 A	257 Ω
32200220	HM30E190-020	3 mm Mat 190 W/m <sup>2</sup> 2.0 m <sup>2</sup> (0.5 x 4.00 m)	370 W	1,6 A	176 Ω
32200260	HM30E190-026	3 mm Mat 190 W/m <sup>2</sup> 2.6 m <sup>2</sup> (0.5 x 5.20 m)	480 W	1,8 A	129 Ω
32200290	HM30E190-028	3 mm Mat 190 W/m <sup>2</sup> 2.8 m <sup>2</sup> (0.5 x 5.60 m)	520 W	1,3 A	176 Ω
32200310	HM30E190-035	3 mm Mat 190 W/m <sup>2</sup> 3.5 m <sup>2</sup> (0.5 x 7.00 m)	650 W	1,8 A	129 Ω
32200440	HM30E190-042	3 mm Mat 190 W/m <sup>2</sup> 4.2 m <sup>2</sup> (0.5 x 8.40 m)	770 W	2,2 A	106 Ω
32200550	HM30E190-054	3 mm Mat 190 W/m <sup>2</sup> 5.4 m <sup>2</sup> (0.5 x 10.80 m)	990 W	2,6 A	88 Ω
32200610	HM30E190-060	3 mm Mat 190 W/m <sup>2</sup> 6.0 m <sup>2</sup> (0.5 x 12.00 m)	1100 W	3,1 A	75 Ω
32200670	HM30E190-067	3 mm Mat 190 W/m <sup>2</sup> 6.7 m <sup>2</sup> (0.5 x 13.40 m)	1230 W	3,7 A	62 Ω
32200790	HM30E190-075	3 mm Mat 190 W/m <sup>2</sup> 7.5 m <sup>2</sup> (0.5 x 15.00 m)	1370 W	4,1 A	56 Ω
32200890	HM30E190-089	3 mm Mat 190 W/m <sup>2</sup> 8.9 m <sup>2</sup> (0.5 x 17.80 m)	1650 W	4,1 A	56 Ω
32200960	HM30E190-099	3 mm Mat 190 W/m <sup>2</sup> 9.9 m <sup>2</sup> (0.5 x 19.80 m)	1830 W	4,1 A	56 Ω