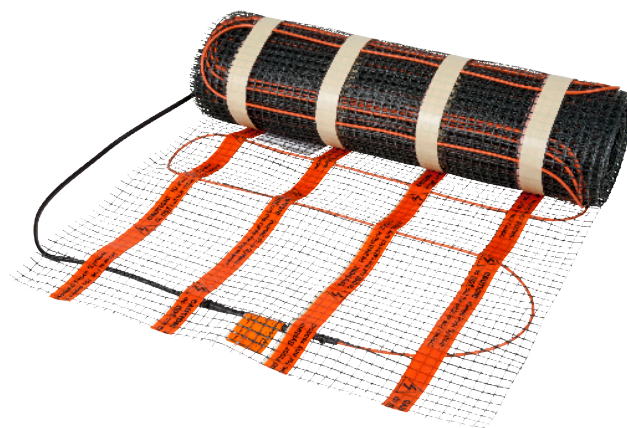


FLXMAT 3

100 and 150 W/m²

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. 5 mm
Warranty	15 years
Standard	EN60335-2-96
Resistance tolerance	-5 %/+10 %
Length tolerance	+/- 2 %



Description

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 m² to 11.5 m².

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.

Flxmat 3 - 100 W

Item	Type	Description	Power	Current	Resistance
50100010	FLX30E100-011	Flxmat3 100 W/m ² 1.1 m ² (0.5 x 2.2 m)	110 W	0.5 A	493 Ω
50100015	FLX30E100-014	Flxmat3 100 W/m ² 1.4 m ² (0.5 x 2.8 m)	140 W	0.6 A	374 Ω
50100020	FLX30E100-020	Flxmat3 100 W/m ² 2.0 m ² (0.5 x 4.0 m)	210 W	0.9 A	257 Ω
50100031	FLX30E100-030	Flxmat3 100 W/m ² 3.1 m ² (0.5 x 6.0 m)	300 W	1.3 A	176 Ω
50100041	FLX30E100-041	Flxmat3 100 W/m ² 4.1 m ² (0.5 x 8.12 m)	410 W	1.8 A	129 Ω
50100049	FLX30E100-049	Flxmat3 100 W/m ² 4.9 m ² (0.5 x 9.8 m)	500 W	2.2 A	106 Ω
50100058	FLX30E100-058	Flxmat3 100 W/m ² 5.8 m ² (0.5 x 11.6 m)	600 W	2.6 A	88 Ω
50100070	FLX30E100-070	Flxmat3 100 W/m ² 7.0 m ² (0.5 x 14.0 m)	720 W	3.1 A	75 Ω
50100083	FLX30E100-083	Flxmat3 100 W/m ² 8.3 m ² (0.5 x 16.6 m)	850 W	3.7 A	62 Ω
50100090	FLX30E100-090	Flxmat3 100 W/m ² 9.0 m ² (0.5 x 18.0 m)	940 W	4.1 A	56 Ω
50100103	FLX30E100-102	Flxmat3 100 W/m ² 10.2 m ² (0.5 x 20.4 m)	1000 W	4.4 A	53 Ω
50100115	FLX30E100-115	Flxmat3 100 W/m ² 11.5 m ² (0.5 x 23.0 m)	1150 W	5.0 A	46 Ω

Flxmat 3 - 150 W

Item	Type	Description	Power	Current	Resistance
50150011	FLX30E150-011	Flxmat3 150 W/m ² - 1.1 m ² (0.5 x 2.2 m)	160 W	0.7 A	306 Ω
50150015	FLX30E150-015	Flxmat3 150 W/m ² - 1.5 m ² (0.5 x 3.0 m)	230 W	1.0 A	223 Ω
50150020	FLX30E150-020	Flxmat3 150 W/m ² - 2.0 m ² (0.5 x 4.0 m)	300 W	1.3 A	167 Ω
50150023	FLX30E150-023	Flxmat3 150 W/m ² - 2.3 m ² (0.5 x 4.6 m)	350 W	1.5 A	144 Ω
50150028	FLX30E150-028	Flxmat3 150 W/m ² - 2.8 m ² (0.5 x 5.6 m)	420 W	1.8 A	120 Ω
50150031	FLX30E150-031	Flxmat3 150 W/m ² - 3.1 m ² (0.5 x 6.2 m)	470 W	2.0 A	108 Ω
50150037	FLX30E150-037	Flxmat3 150 W/m ² - 3.7 m ² (0.5 x 7.4 m)	550 W	2.4 A	91 Ω
50150044	FLX30E150-044	Flxmat3 150 W/m ² - 4.4 m ² (0.5 x 8.8 m)	660 W	2.9 A	76 Ω
50150052	FLX30E150-052	Flxmat3 150 W/m ² - 5.2 m ² (0.5 x 10.4 m)	780 W	3.4 A	64 Ω
50150062	FLX30E150-062	Flxmat3 150 W/m ² - 6.2 m ² (0.5 x 12.4 m)	960 W	4.2 A	53 Ω
50150068	FLX30E150-068	Flxmat3 150 W/m ² - 6.8 m ² (0.5 x 13.6 m)	1020 W	4.4 A	49 Ω
50150077	FLX30E150-077	Flxmat3 150 W/m ² - 7.7 m ² (0.5 x 15.4 m)	1170 W	5.1 A	43 Ω
50150087	FLX30E150-087	Flxmat3 150 W/m ² - 8.7 m ² (0.5 x 17.4 m)	1320 W	5.7 A	38 Ω
50150104	FLX30E150-104	Flxmat3 150 W/m ² - 10.4 m ² (0.5 x 20.8 m)	1560 W	6.8 A	32 Ω
50150116	FLX30E150-116	Flxmat3 150 W/m ² - 11.6 m ² (0.5 x 23.2 m)	1720 W	7.6 A	30 Ω