

# GaiaMat 100W/m<sup>2</sup>



The Gaia underfloor heating mats offer the perfect solution to a warmer home or commercial property. Simple to use and quick to install, the GaiaMat can be easily rolled out and is designed to fit under a range of floorings.

The GaiaMat is a strong self-adhesive mat, with 360° fully screened twin conductors encompassed within a tough yellow PVC outer sheath (non-UV stable). With just a 4mm thickness it can be easily and quickly fitted directly onto the existing floor, making it perfect for renovations.

Our high-quality underfloor heating mats are minutely inspected and manufactured to conform to all EU standards, enabling trouble free warm floors and providing complete peace of mind with their 12-year warranty.

## Benefits:

- Simple installation
- Minimal Installation Height
- 100% Earth Shield
- 2.3m Cold Tail
- 12 year warranty

Type	Value
Supply voltage	220 - 240V~
Construction	Round, twin conductor with 360° screen, one cold lead
Width	500mm
Power output	100 W/m <sup>2</sup> @ 230V~
Max. ambient temperature	65° C
Cable thickness	4 mm
Deformation strength	600N
Pulling strength	120N
Conductor insulation	FEP
Outer sheath	PVC
Screen	100% coverage; alu-foil; 0.5 mm <sup>2</sup> tinned copper drain wire
Cold lead	2.3m DTWB, 2 x 1.0 mm <sup>2</sup> , earthed
Min installation temperature	-5° C
Bending radius	6 x Ø
IP class:	IPX7

Stock Code	Mat Area (M <sup>2</sup> )	Wattage	Resistance (Ohms)
72100G010	1.0	100	529
72100G015	1.5	150	353
72100G020	2.0	200	265
72100G025	2.5	250	212
72100G030	3.0	300	176
72100G035	3.5	350	151
72100G040	4.0	400	132
72100G050	5.0	500	106
72100G060	6.0	600	88.2
72100G070	7.0	700	75.6
72100G080	8.0	800	66.1
72100G090	9.0	900	58.8
72100G100	10.0	1000	52.9
72100G120	12.0	1200	44.1

