gaia
Underfloor Heating

Amber Mat 100W/m²

The Amber Mat is ideal for both residential and commercial properties. Easy to use and simple to install, it has a thickness of 4mm which makes it suitable for fitting beneath a range of floorings.

It is a strong, self-adhesive mat with 360° fully screened twin conductors encompassed in a tough yellow PVC outer sheath (non-UV stable).

This product conforms to all EU standards and comes complete with a SecureFloor 20 year warranty for peace of mind.



SecureFloor
20 Year Warranty

Benefits

- **Ideal for open, regular-shaped rooms**
- **Requires minimal floor build-up**
- **Simple to install**
- **2.3m cold tail**
- **100% earth shield**
- **SecureFloor 20 year warranty**

Type	Value
Supply voltage	220 - 240V~
Construction	Round, twin conductor with 360° screen, one cold lead
Width	500mm
Power output	100 W/m² @ 230V~
Max. ambient temperature	65°C
Cable thickness	4mm
Deformation strength	600N
Pulling strength	120N
Conductor insulation	FEP
Outer sheath	PVC
Screen	100% coverage; alu-foil; 0.5mm² tinned copper drain wire
Cold lead	2.3m DTWB, 2 x 1.0mm², earthed
Min. installation temperature	-5°C
Bending radius	6 x Ø
IP class	IPX7

Stock Code	Mat Area (m²)	Wattage	Resistance (Ohms)
A100010	1.0	100	529
A100015	1.5	150	353
A100020	2.0	200	265
A100025	2.5	250	212
A100030	3.0	300	176
A100035	3.5	350	151
A100040	4.0	400	132
A100050	5.0	500	106
A100060	6.0	600	88.2
A100070	7.0	700	75.6
A100080	8.0	800	66.1
A100090	9.0	900	58.8
A100100	10.0	1000	52.9
A100120	12.0	1200	44.1