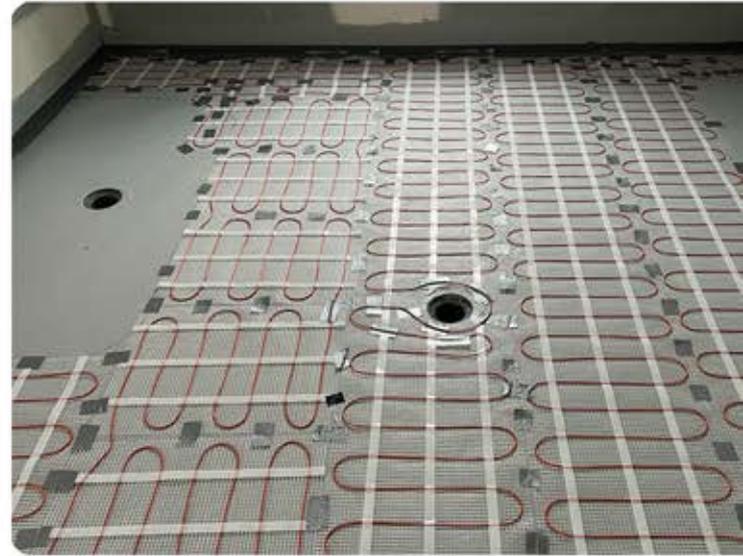


Send floor plan to info@prime21.com.au
We will provide the NSW best price And system drawings
We install by licensed Prime21.Electrician [Licence No. 388312C]

WHY CHOOSE OUR ELECTRIC HEATING MATS?

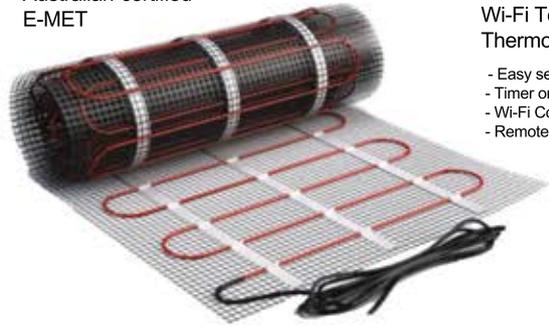
- Fast and Easy Installation – Single point connection for hassle-free setup
- Safe to Use – Twin conductor cable eliminates EMF concerns
- Moisture Resistant – Safe for use in bathrooms and kitchens
- Compatible with Various Floor Types – Suitable for tile, wood, and more
- Guaranteed Durability – Made from high-quality materials
- Maintenance-Free Convenience
- 15-Year Warranty – Use with peace of mind against manufacturing defects



PRIME21 PTY LTD ELECTRIC UF HETING ADVANTAGES

There are various types of heating including natural or propane gas and oil, but electric heat, though not always the most efficient cost-wise (depend on your electricity rates), is probably the most common, mainly because it is readily available in most areas. Compared to other heating systems the investment costs for electric under floor heating are extremely low. Customized installation of the heating elements means that only the selected areas are heated. This an added source of savings.

Australian-certified
E-MET



Wi-Fi Touch Screen
Thermostat offers connectivity with own App.

- Easy setup and operation
- Timer or Manual modes
- Wi-Fi Connectivity
- Remote sensor can be used



E-MAT PRODUCT SPECIFICATIONS

Heating Area (m ²)	Cable Length (m)	Power (W)	Voltage (V)	Current (A)	Resistance (Ω)
1.0	11.11	200W	230V	0.9	264.5
1.5	16.67	300W	230V	1.3	176.3
2.0	22.22	400W	230V	1.7	132.3
2.5	27.78	500W	230V	2.2	105.8
3.0	33.33	600W	230V	2.6	88.2
3.5	38.89	700W	230V	3.0	75.6
4.0	44.44	800W	230V	3.5	66.1
4.5	50.00	900W	230V	3.9	58.8
5.0	55.56	1000W	230V	4.3	52.9
6.0	66.67	1200W	230V	5.2	44.1
7.0	77.78	1400W	230V	6.1	37.7
8.0	88.89	1600W	230V	7.0	33.3
9.0	100.00	1800W	230V	7.8	29.4
10.0	111.11	2000W	230V	8.7	26.5
12.0	133.33	2400W	230V	10.4	22.04

How to choose the correct and needed heating mat for your house?
(The correct size is required as the wire CANNOT be reduced or extended)

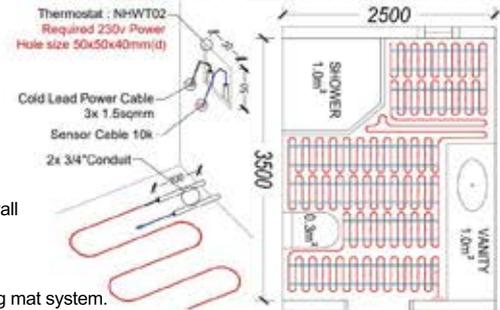
Step1: Measure the heated area
Determine the heated area of the floor where there are no permanent fixtures 4 or furniture such as showers toiletsvanities, or cabinets. Measure the heated area of the floor. (For example: the area of the bathroom is 8.75m². When you subtract the area of the vanity, shower and toilet, the total heated area is only 6.45m²)

Step2: Determine the power supply voltage
Make sure the supply voltage is the one you need. 230V

Step3: Plan the design
Determine the optimum floor heating mat layout for your heated area to ensure coverage. Select a spot for the thermostat in the wall above the heated area where it can be reached by the 2.5m cold lead on the heating mat, and the floor temperature sensor.

Step4: Confirm your product selection
Confirm that your heating mat is no larger than the heated area. For example, if the heated area is 6.45m² select the 6.0m² heating mat system.

PRIME21 INSTALLATION DRAWING



ELECTRIC HEATING CABLE (LIVING AND BEDROOM)

Cable Construction: Twin Pure Copper
Conductor Rated Voltage: AC: 230V
Ground wire: with ground wire
Heating Cable Outside Diameter: 3.5mm 6.0mm
Inner conductor: Double core heating elements
Inner power: 18.5w/m, 20w/m or can be customized
Material of Heating Cable's Inner Insulation: Fluoroplastic/silicone
Material of Heating Cable's Outer Jacket: PVC, XLPE
Max. Surface working Temperature: 65C



PRIME21 INSTALLATION DRAWING

E-CABLE PRODUCT SPECIFICATIONS

Item No.	HEATED AREA		MAT DIMENSIONS		WATTS 150W/m ²	AMPS	OHMS
	m ²	sq ft	m*m	in*ft			
NHM150-1.0	1.0	10.8	0.5*2	20*6.5	150	0.7	352.7
NHM225-1.5	1.5	16.1	0.5*3	20*9.7	225	1.0	235.1
NHM300-2.0	2.0	21.5	0.5*4	20*12.9	300	1.3	176.3
NHM375-2.5	2.5	26.9	0.5*5	20*16.1	375	1.6	141.1
NHM450-3.0	3.0	32.3	0.5*6	20*19.4	450	2.0	117.6
NHM525-3.5	3.5	37.7	0.5*7	20*22.6	525	2.3	100.8
NHM600-4.0	4.0	43.1	0.5*8	20*25.8	600	2.6	88.2
NHM675-4.5	4.5	48.4	0.5*9	20*29.5	675	3.0	76.7
NHM750-5.0	5.0	53.8	0.5*10	20*32.3	750	3.3	70.5
NHM900-6.0	6.0	64.6	0.5*12	20*38.8	900	3.9	58.8
NHM1050-7.0	7.0	75.3	0.5*14	20*45.2	1050	4.6	50.4
NHM1200-8.0	8.0	86.1	0.5*16	20*51.7	1200	5.2	44.1
NHM1350-9.0	9.0	96.9	0.5*18	20*59.1	1350	5.9	38.9
NHM1500-10.0	10.0	107.6	0.5*20	20*64.6	1500	6.5	35.3
NH1650-11.0	11.0	118.4	0.5*22	20*72.2	1650	7.2	32.0
NH1800-12.0	12.0	129.2	0.5*24	20*77.5	1800	7.8	29.4

