



Available in **3 different outputs** to create the perfect underfloor heating system in **every application**.

## Thermonet BASIC 100W/m<sup>2</sup>

Designed for use as **secondary heat source**.

## Thermonet EZ 150W/m<sup>2</sup>

Designed for use as a **primary heat source**.

## Thermonet EXTRA 200W/m<sup>2</sup>

Designed for use **in Conservatories**.

### Why Thermonet?

Thermonet is unique in the UK as it is the only underfloor heating product to use a unique twisted twin conductor cable. This greatly reduces the electro magnetic field produced, to what we know as Zero EMF.

Thermonet cable is stitched, instead of taped (common with most other systems), onto our fibre glass mesh so that it rolls out flat, allowing fast, flexible installation even in the most awkward shaped rooms.

Choose from over 40 sizes available in 3 power outputs to suit any application, using as either primary or secondary heat source.

### Thermonet BASIC 100 W/m<sup>2</sup>

STOCK NO	SIZE (M)	AREA (M2)	OUTPUT (W)	EX VAT (£)
5009	1.8 x 0.5	0.90	91	POA
5015	3.0 x 0.5	1.50	150	POA
5020	4.0 x 0.5	2.00	200	POA
5025	5.0 x 0.5	2.50	250	POA
5030	6.1 x 0.5	3.05	305	POA
5035	7.0 x 0.5	3.50	350	POA
5040	8.1 x 0.5	4.05	405	POA
5049	9.9 x 0.5	4.95	495	POA
5060	12.2 x 0.5	6.10	610	POA
5062	16.0 x 0.5	8.00	800	POA
5064	20.0 x 0.5	10.00	1000	POA



### Thermonet EZ 150 W/m<sup>2</sup>

STOCK NO	SIZE (M)	AREA (M <sup>2</sup> )	OUTPUT (W)	EX VAT (£)
5100	1.4 x 0.5	0.70	105	POA
5101	2.6 x 0.5	1.30	195	POA
5115	3.2 x 0.5	1.60	240	POA
5120	4.0 x 0.5	2.00	300	POA
5125	5.0 x 0.5	2.50	375	POA
5103	5.8 x 0.5	2.90	437	POA
5135	6.8 x 0.5	3.40	510	POA
5104	8.1 x 0.5	4.05	608	POA
5145	9.0 x 0.5	4.50	675	POA
5105	9.9 x 0.5	4.95	742	POA
5155	11.5 x 0.5	5.75	863	POA
5106	13.0 x 0.5	6.50	975	POA
5107	15.0 x 0.5	7.50	1125	POA
5108	17.0 x 0.5	8.50	1280	POA
5109	18.4 x 0.5	9.20	1380	POA
5110	20.0 x 0.5	10.00	1511	POA
5112	24.0 x 0.5	12.00	1814	POA
5114	28.0 x 0.5	14.00	2100	POA
5116	32.0 x 0.5	16.00	2400	POA

### Thermonet EXTRA 200 W/m<sup>2</sup>

STOCK NO	SIZE (M)	AREA (M <sup>2</sup> )	OUTPUT (W)	EX VAT (£)
5180	1.0 x 0.5	0.50	100	POA
5182	2.0 x 0.5	1.00	200	POA
5183	3.0 x 0.5	1.50	300	POA
5185	4.0 x 0.5	2.00	400	POA
5186	5.0 x 0.5	2.50	500	POA
5187	6.0 x 0.5	3.00	600	POA
5188	8.0 x 0.5	4.00	800	POA
5189	10.0 x 0.5	5.00	1000	POA
5190	11.0 x 0.5	5.50	1100	POA
5191	12.0 x 0.5	6.00	1200	POA
5192	14.0 x 0.5	7.00	1400	POA
5193	16.0 x 0.5	8.00	1600	POA
5194	18.0 x 0.5	9.00	1800	POA
5195	21.0 x 0.5	10.50	2100	POA
5196	24.0 x 0.5	12.00	2400	POA

## Thermonet EZ 150W/m<sup>2</sup>

BEST  
SELLER!

Thermonet EZ incorporates a single connection point for ease of design and installation. Incorporates 100% earth sheath for enhanced protection and safety. Very robust wire stitched to a fibreglass mesh for guaranteed output and ease of installation. Supplied with a 3m connection lead.

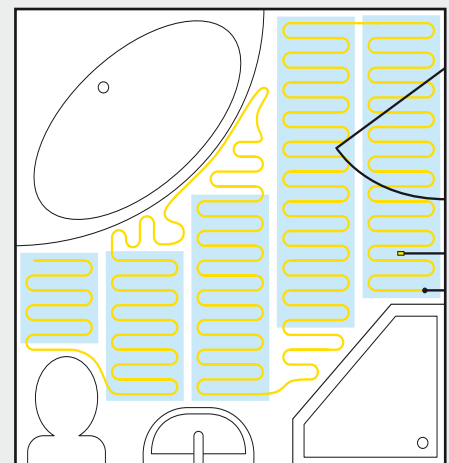
Thermonet EZ is designed for use as a **primary heat source** in a well insulated environment.

The mesh can be easily cut and returned in parallel runs and the cable can be released from the mesh for ultimate flexibility.

**Our 16A thermostat will control 24m<sup>2</sup> of Thermonet EZ.**

**Manufactured with our unique Twisted Twin Conductor, Zero EMF cable.**

### Typical Installation



This diagram shows a typical Thermonet installation in a bathroom, and as you can see, Thermonet matting is flexible enough to fit most spaces creating that little bit extra in comfort and luxury.

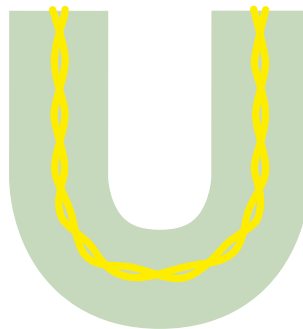


## Twisted Twin Cable

In accordance with our ethos of continuous improvement we developed a unique 'twisted twin' cable which has many significant benefits over standard twin cables commonly available today.

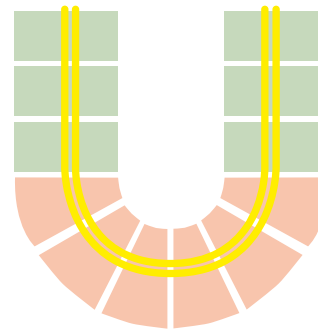
Tension free throughout the entire length and cancels out it's own EMF resulting in a very safe cable that lies flat and is suitable for use in special locations.

Thermonet



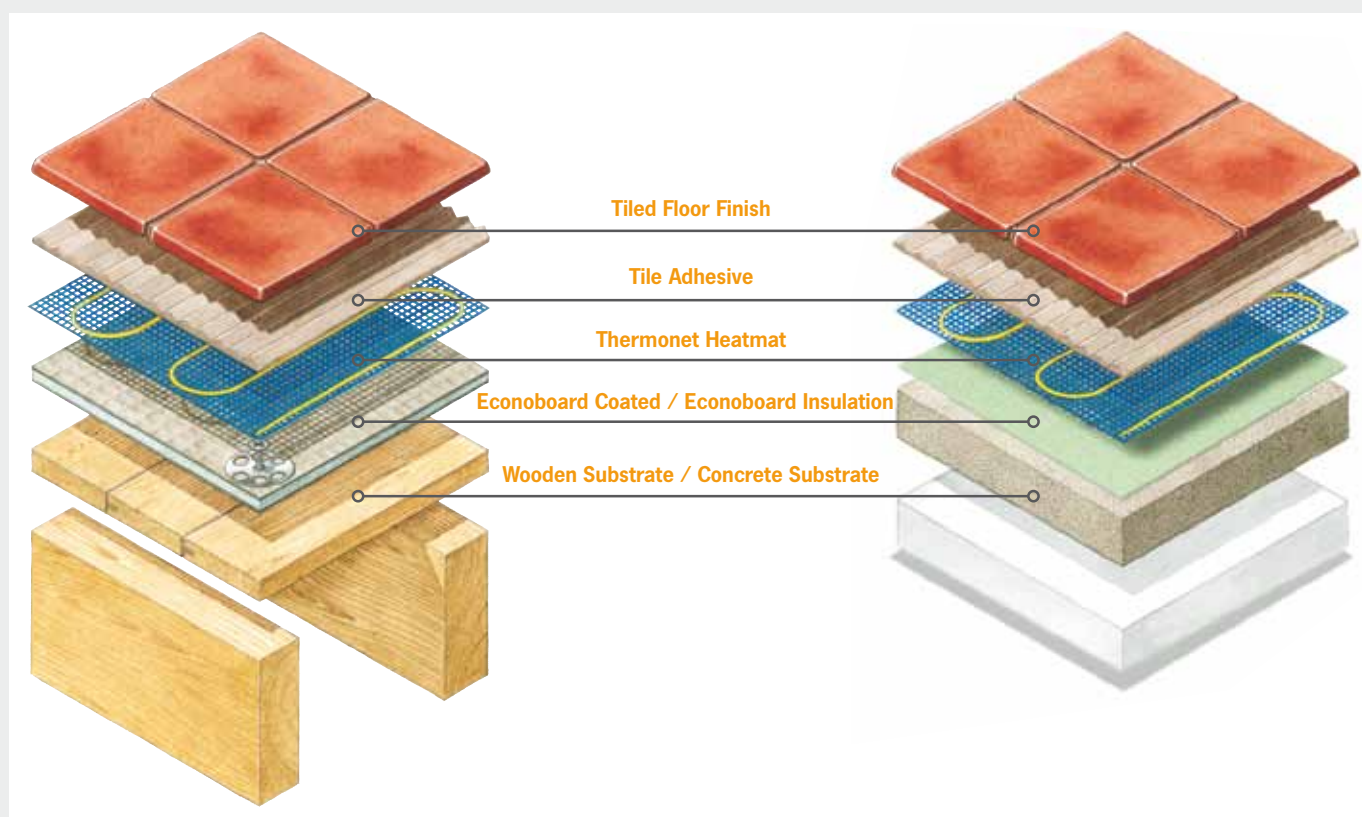
Equalised Cable Tension

Competitor Product



High Stress Zone

Thermonet is a **premium quality** electric underfloor heating mat, the only one in the UK to feature a **Twisted Twin conductor cable**.



For all ceramic tile, natural stone and porcelain floor finishes the adhesive should be polymer modified, flexible and cement based such as Econofix (6009). Other floor finishes such as carpet, vinyl and timber can be installed over a 10mm layer of cement based self levelling compound such as Econoplan (6004). All subsequent floor coverings should be installed in accordance with the manufacturers' guidelines.

### Thermonet Electric Underfloor Heating Mats



### Advantages

Optimum cable spacing for even spread of heat throughout the floor

High quality mesh that lays flat to the floor ready for tiling

Can be laid wire side down - provides an extra level of protection during installation that other systems cannot.

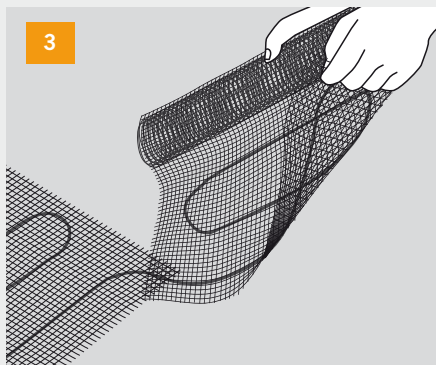
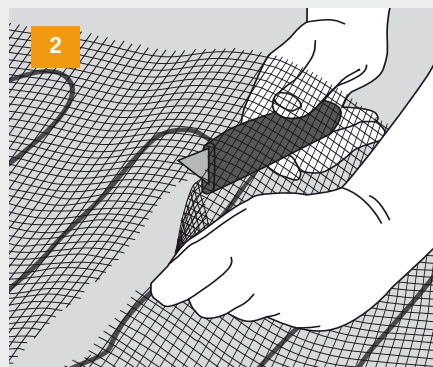
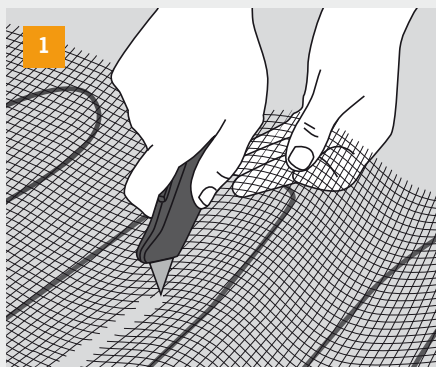
100% earth shield ensures electrical safety in special locations.

Easy installation - just roll it out

Easily adaptable for flexible installation

Less than 4mm thick - minimal height build up.

Covered by the Thermogroup UK Lifetime Warranty.



### Ease of Installation

Choose a heating mat slightly smaller than your available floor space.

Simply roll out the mat.

Use a sharp blade or our mat cutter (6001) to cut the mesh backing taking care not to snag the yellow wire (Fig. 1 & 2).

After cutting the mesh the next run can be laid at any angle between 1-180° (Fig. 3).

Long lengths of Thermonet can be cut and returned any number of times (Fig. 4).

Lay wire side down for optimum protection during installation process.

**Find out how to  
minimise heat loss  
and keep running  
costs down on p38**



### Affordable Luxury...

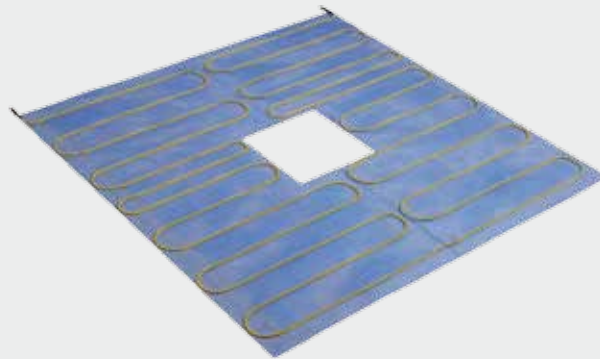
A 3m<sup>2</sup> bathroom floor heated for 4 hours, every day for a year can cost as little as 10p a day to run. (In a well insulated area using a fully programmable Thermostat set to 24°C).



### Shower Tray Heatmats

Built to the same quality standards as Thermonet, these shower tray heatmats are ideal for use in showers and wet areas. The selection of shower tray heatmats available are built to suit the most popular shower tray sizes, but if you have a bespoke project in mind we can provide made to measure units.

Thermonet shower tray heat mats are recommended for use in wet areas because the continuous metallic earth sheath protects the electric element and ensures complete electrical safety in wet areas. At less than 4mm thick, these heat mats will fit in any bathroom with minimum height build up and can be used in conjunction with regular Thermonet heatmats.



#### Thermonet Shower Tray Heatmats

STOCK NO	SIZE (M)	AREA (M2)	OUTPUT (W)	EX VAT (£)
5201	0.9 x 0.9	0.81	151	POA
5202	1.2 x 1.2	1.44	262	POA
5205	1.2 x 0.9	1.08	262	POA
Custom options available to order - Call 08700 41 21 41				POA

### Wall Heatmats

Simply adhere our specially designed heatmats to the wall and tile over. This provides the gentle warmth of electric underfloor heating around the walls of your shower, perfect for those frosty winter mornings. Also aids drying and prevents mould and mildew.

### Electrical Regulations

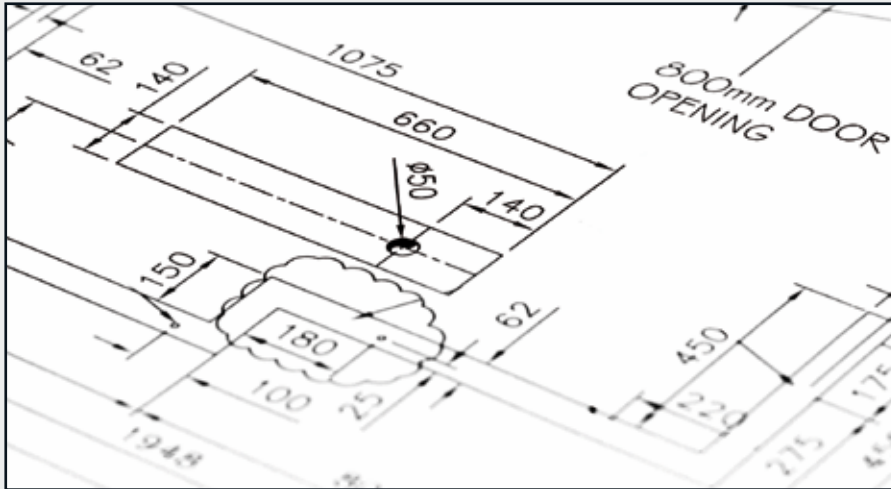
Any electrical installation in a bathroom or wet area should be carried out in accordance with current electrical regulations and performed by a Part P qualified electrician.



#### Thermonet Wall Heatmats

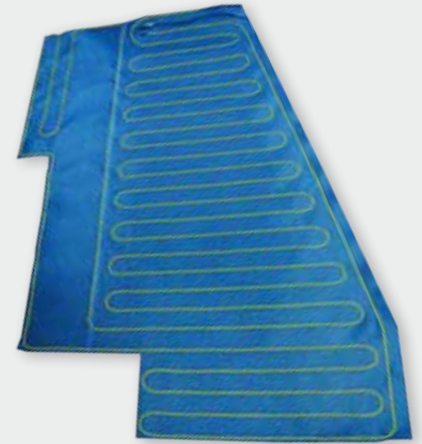
STOCK NO	SIZE (M)	AREA (M2)	OUTPUT (W)	EX VAT (£)
5208	1.4 x 0.5	0.70	105	POA
Custom options available to order - Call 08700 41 21 41				POA

Custom made to order - That little bit extra...

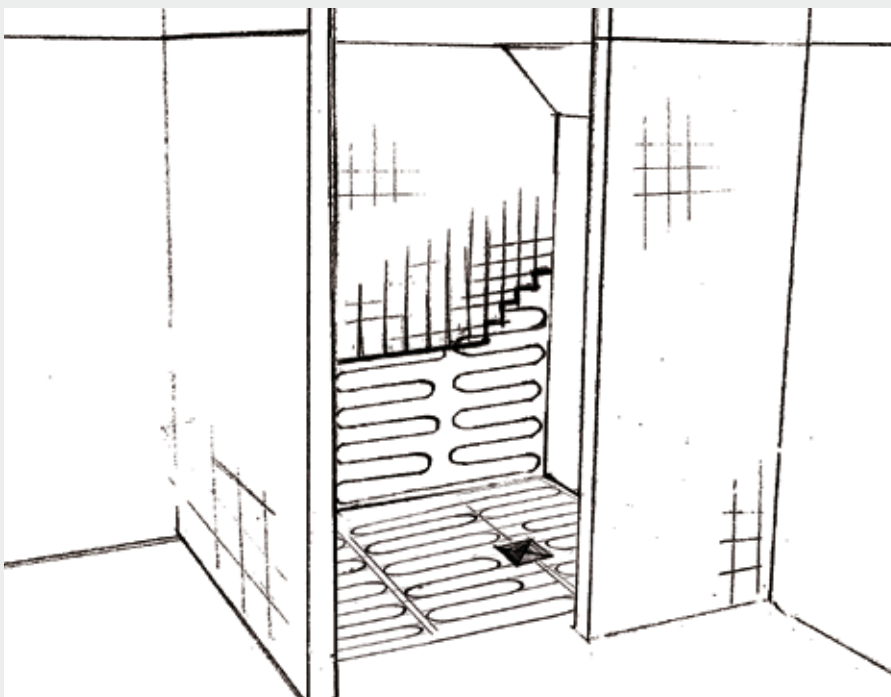


Working with your design we can produce bespoke Thermonet heatmats to fit your room exactly. This method can dramatically improve installation times for multiple room projects such as hotel refurbishments and apartment blocks.

Custom Thermonet Heatmat



This is an actual example of a custom Thermonet heatmat, produced for a client with bespoke requirements.



Features at a glance

- 17TH EDITION COMPLIANT
  - SUIT ALL FLOOR FINISHES\*
  - CONTINUOUS METALLIC EARTH SHEATH TO ENSURE ELECTRICAL SAFETY IN WET AREAS
  - LESS THAN 4MM THICK
  - LIES ABSOLUTELY FLAT
  - TESTED IN EXCESS OF 2500V
  - PRE-SPACED FOR GUARANTEED OUTPUT
  - SUITABLE FOR TIMBER AND SCREED SUBSTRATES
- \*Subject to floor finish manufacturers recommendations

For Thermostats see p30

