ROMANO
Indoor & Outdoor Solutions

SPEC SHEET

THERMOGROUP / FLOOR AND WALL HEATING

Thermonet 150W/m2 Undertile Heating Mat



RANGE
Thermonet
TYPE
Floor and wall heating
SIZES
1 m2 (2 x 0.5 m), 1.5 m2 (3 x 0.5 m), 2 m2 (4 x 0.5 m), 2.5 m2 (5 x 0.5 m)
POWER
150 watts
CONNECTION
Hardwired
CODE
111502 / 111503 / 111504 / 111505
MADE IN
United Kingdom

WARRANTY (DOMESTIC USE)

Thermostats and accessories: 3 years replacement (12 months parts and labour) / Underfloor heating systems (Thermonet, Thermowire, Thermoscreed, Thermofoil, Thermoslab): Lifetime parts and labour / Thermorad in-wall

Conditions: Proof of purchase showing product code and date is needed, and the claim must fall inside the warranty period; The product must be installed correctly to the instructions and local regulations and used normally; The fault must be confirmed as a manufacturing fault or defect. Summary of the Thermogroup Warranty Information, checked 7 November 2026. Full terms from Romano or the brand.

FEATURES

- 3.5 mm TwistedTwin cable on self-adhesive mesh
- 240 V, 150 W per m2, IP68, 5 m cold tail
- Low profile, sits in the tile adhesive
- Lifetime warranty on the heating system

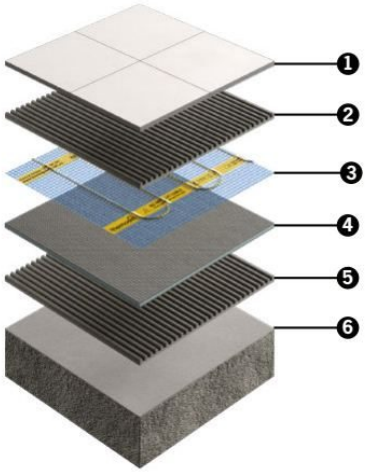
DIMENSIONS

The dimension drawing and full specifications from Thermogroup follow on the next page.

Specification Sheet **Thermonet 150W/m²**

Thermonet Mesh 150W/m²

For Installation Directly Under Tile



1. Tiled floor finish
2. Flexible tile adhesive
3. Thermonet 150W/m² heating mat
4. Optional Econoboard insulation board
5. Flexible tile adhesive (if insulation is installed)
6. Prepared concrete or timber substrate

Lifetime Warranty
We are so confident of the quality of our Thermonet, Underfloor Heating systems, made in the United Kingdom, that we give each system a warranty that lasts a Lifetime with 3 year warranty on our Thermostats.

TwistedTwin cable construction
The unique stress free cable construction creates a longer lasting heating cable with zero electromagnetic field (Zero EMF).

Fully self adhesive mesh
The self adhesive mesh speeds up installation by holding Thermonet matting to the substrate for easy self-levelling and tile fixing.

Heating cable protection
Thermonet is installed wire side down which means the heating cable is protected from damage during installation by the hard wearing mesh layer.

Minimal Height Build-up
Utilising innovative extrusion processes provides real 'lay flat' technology that makes installing Thermonet easy. The matting system is only 3.5mm thick with a low profile cold tail of only 4mm thick which is typically concealed within the tile adhesive layer.



Includes: Thermonet 150W/m² Mat, Fixing Tape, Installation Guide & Warranty Form.

Technical Data	
Width	500mm
Heated Width	430mm
Thickness	3.5mm*
Max. Temperature	28°C**
Protection Rating	IP68
Warranty	Lifetime on heating mat
Voltage	240Volt
Wattage	150W/m²
Conductor Type	Single Ended
Cold Tail Length	5m

*Cold tail is 4mm thick
**Regulated by floor sensing thermostat

Thermogroup
That little bit extra...

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www.thermogroup.com.au

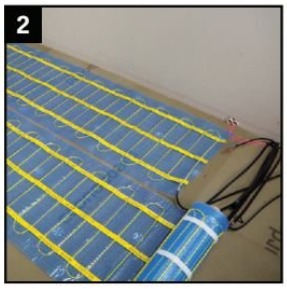
Specification Sheet **Thermonet 150W/m²**

Installation Overview

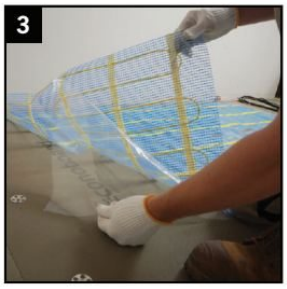
Thermonet electric underfloor heating mat is quick and easy to install. This overview gives a guide to the basics. Always read the instructions in full before attempting your own installation.



Plan out the installation
Determine the location of the Thermostat and floor sensor and work out the layout of the heating mat excluding areas under floor mounted fixtures.



Lay out the Thermonet mat
Starting at the Thermostat position, lay out the heating mat according to the plan.



Stick down the heating mat
Once the layout is finalised, peel off the clear plastic and stick down the heating mat.



Install floor finish
Cover the heating cables with self-levelling compound or tile directly on top using a full bed of tile adhesive.

Thermonet Mesh 150W/m²

Stock Code	Size (m)	Area (m²)	Output (W)	Amps (A)	Resistance (Ω)
111502	2 x 0.5	1.0	150	0.63	353
111503	3 x 0.5	1.5	225	0.94	235
111504	4 x 0.5	2.0	300	1.25	176
111505	5 x 0.5	2.5	375	1.56	141
111506	6 x 0.5	3.0	450	1.88	118
111507	7 x 0.5	3.5	525	2.19	101
111508	8 x 0.5	4.0	600	2.50	88
111509	9 x 0.5	4.5	675	2.81	78
111510	10 x 0.5	5.0	750	3.13	71
111511	11 x 0.5	5.5	825	3.44	65
111512	12 x 0.5	6.0	900	3.75	59
111513	13 x 0.5	6.5	975	4.06	56
111514	14 x 0.5	7.0	1050	4.38	50
111516	16 x 0.5	8.0	1200	5.00	44
111518	18 x 0.5	9.0	1350	5.63	39
111520	20 x 0.5	10.0	1500	6.25	35
111524	24 x 0.5	12.0	1800	7.50	29
111528	28 x 0.5	14.0	2100	8.75	25
111532	32 x 0.5	16.0	2400	10.00	22

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