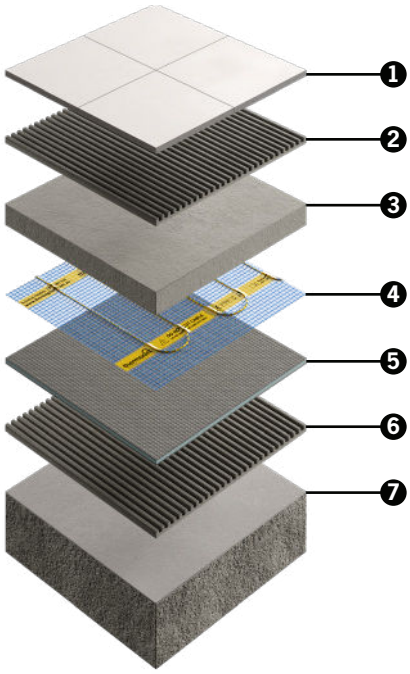
Thermonet Mesh 200W/m²

For Installation Under Tile and In Screed Up To 50mm Thick



1. Tiled floor finish
2. Flexible tile adhesive
3. Sand & cement screed
4. Thermonet 200W/m² heating mat
5. Optional Econoboard insulation board
6. Flexible tile adhesive (if insulation installed)
7. Prepared concrete or timber substrate

Includes: Thermonet 200W/m² Mat, Fixing Tape, Installation Guide & Warranty Form.

Lifetime Warranty

We are so confident of the quality of our German-made Thermonet Underfloor Heating that we give each system a warranty that lasts a Lifetime.

In Screed heating

Suitable for installation in screeds of 20mm to 50mm, and is recommended to be fixed to insulation boards.

Ideal for areas with limited floor space

Thermonet 200Watt mats are ideal for rooms with limited floor space for the heating mat. The 200Watt ensures a high heat output across the floor warming the entire room.

Perfect for high heat loss applications

The high heat output of the 200Watt mats makes them perfect for rooms which are prone to high heat loss. This can be further reduced by adding a layer of insulation below the heating.

TwistedTwin cable on fully self adhesive mesh

The unique stress free cable construction creates a longer lasting heating cable with zero electromagnetic field (Zero EMF). The self adhesive mesh speeds up installation by holding Thermonet matting to the substrate for easy self levelling and tile fixing.

Technical Data	
Width	500mm
Heated Width	430mm
Thickness	3.5mm*
Max. Temperature	28°C**
Protection Rating	IP68
Warranty	Lifetime on heating mat
Wattage	200W/m²
Conductor Type	Single Ended
Cold Tail Length	5m

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

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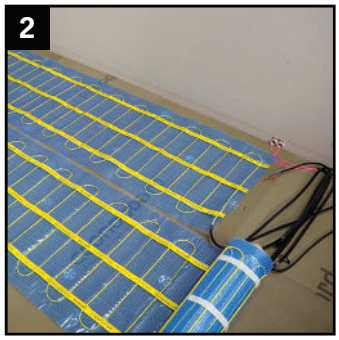
Installation Overview

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, sand and cement screed or tile directly on top using a full bed of tile adhesive.

Thermonet Mesh 200W/m²

Stock Code	Size (m)	Area (m²)	Output (W)	Amps (A)	Resistance (Ω)
112002	2 x 0.5	1.0	200	0.83	265
112003	3 x 0.5	1.5	300	1.25	176
112004	4 x 0.5	2.0	400	1.67	132
112005	5 x 0.5	2.5	500	2.08	106
112006	6 x 0.5	3.0	600	2.50	88
112007	7 x 0.5	3.5	700	2.92	76
112008	8 x 0.5	4.0	800	3.33	66
112009	9 x 0.5	4.5	900	3.75	59
112010	10 x 0.5	5.0	1000	4.17	53
112011	11 x 0.5	5.5	1100	4.58	48
112012	12 x 0.5	6.0	1200	5.00	44
112013	13 x 0.5	6.5	1300	5.42	41
112014	14 x 0.5	7.0	1400	5.83	38
112016	16 x 0.5	8.0	1600	6.67	33
112018	18 x 0.5	9.0	1800	7.50	29
112020	20 x 0.5	10.0	2000	8.33	26
112024	24 x 0.5	12.0	2400	10.00	22

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