

## TileTherm Undertile Heating - Sizing Chart

Code	Area (m <sup>2</sup> )	Mat Size (cm)	Power (Watts)	Resistance (Ohms)
50000	0.75	50 x 150	96	551.0
50002	1.50	50 x 300	192	275.5
50004	2.25	50 x 450	288	183.6
50006	3.00	50 x 600	384	137.7
50007	3.75	50 x 750	480	110.2
50008	4.50	50 x 900	576	91.84
50009	5.25	50 x 1050	672	78.72
50010	6.00	50 x 1200	768	68.88
50012	7.50	50 x 1500	960	55.10
50014	1.50	90 x 150	192	275.5
50016	3.00	90 x 300	384	137.8
50018	4.50	90 x 450	576	91.84
50020	6.00	90 x 600	768	68.88
50022	9.00	90 x 900	1152	45.92
50024	12.0	90 x 1200	1536	34.44
50025	15.0	90 x 1500	1920	27.55
50026	18.0	90 x 1800	2304	22.96

### NOTES

- Measure the tiled area to be heated, ensuring you deduct any fitted furniture (baths, showers, WC, vanities, fitted cabinets, etc).
- From the look-up chart choose the TileTherm element that will best cover the corresponding area (m<sup>2</sup>) of tiles. As a general rule of thumb aim for 80% coverage.
- TileTherm is available in two widths; 50 and 90cm. Generally the 50cm is easier to work with. Only use the 90cm wide mat if the area is open and large.
- **Do not** attempt to 'strip heat' tiled areas. This will cause the tiles to expand at differing rates, causing thermal stress to the tiles and possible cracking. Coverage of 80% should be achieved to avoid stress.
- Wooden floors should be stabilised using Tile & Slate Underlay before laying the mat.
- All waterproofing should be completed before laying the TileTherm elements.

## OJ Electronic Controls for TileTherm - Options

Code	Model	Description
10076	MTC-1991-UCH/EZ	Thermostat with Floor Sensor
10077	MCC2-1991-UA/EZ	Thermostat / Time Clock with Floor Sensor

### NOTES

- Two options; Thermostat or Timer Thermostat.
- A time clock should be utilised. One hour of pre-warming is recommended.
- Do not use air-sensing thermostats.

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