

## Thin Cable Mat Under Tile Floor Heating

Amuheat's Thin Cable Mat under tile floor heating system is suitable for direct and background heating for both small and large areas.

### High Performance-Low Energy Design

Thin Cable Mat is installed above the slab or screed (or even existing tiles) directly under the new tile floor, safely & discretely in the tile glue. The thin floor heating systems high performance-low energy design offers an output of 60-80W/m<sup>2</sup> for living & bedrooms and 80-100W/m<sup>2</sup> for bathrooms.

### Automated Control & Responsive

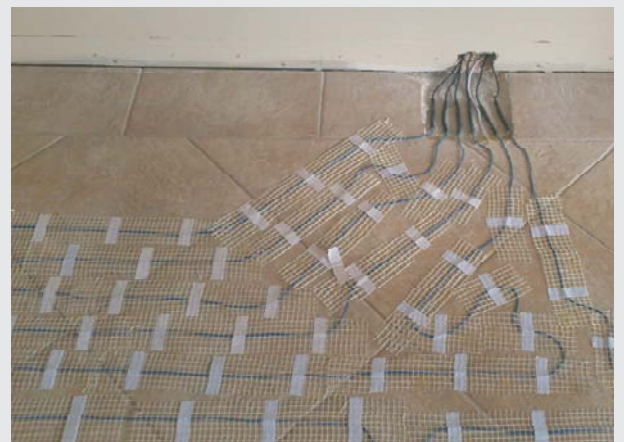
Amuheat is fully programmable via the stylish wall mount thermostat, offering an automated schedule to suit your lifestyle and routine, warming the floor within 30-60 minutes only when it's needed in the most energy efficient way.

### Safety & Construction

Manufactured using only the finest materials, the AS/NZS compliant single conductor heating cable with 3m long cold tail leads features a single conductor primary Fluoropolymer (Teflon) insulation layer around the heating conductor, a full earth braid and secondary PVC sheath, making it Australia's toughest double insulated under tile heating cable.

The heating cable is uniformly fixed to the underside of a fibreglass mat supplied with strips of adhesive tape for direct stick to the prepared floor. The 500mm wide mats are available in fixed lengths between 2 - 24m.

*Contact Amuheat for a complimentary design and quote for installation of Cable Mat or product selection for direct supply.*



## Technical Data

### Single Conductor Heating Cable

Diameter	2mm
Construction	Primary Fluoropolymer (Teflon) insulation, full earth screen and an secondary PVC sheath fixed to a robust fibreglass mesh
Cold Tail	3m
Voltage	230V
Output Power	From 150 to 200W/m <sup>2</sup>
Safety	IEC60335 compliant
Approvals	SEMKO & UL certified
Warranty	10 Years



## Thin Cable Mat 15 Range

For Living & Bed Rooms  
Multiple mats are used for larger areas

Code	Mat Size	Watt	Room Size @ 80W/m <sup>2</sup>
CM750-15	0.5 x 10m	750W	9.5m <sup>2</sup>
CM900-15	0.5 x 12m	900W	11m <sup>2</sup>
CM1200-15	0.5 x 16m	1200W	15m <sup>2</sup>
CM1500-15	0.5 x 20m	1500W	19m <sup>2</sup>
CM1800-15	0.5 x 24m	1800W	22.5m <sup>2</sup>

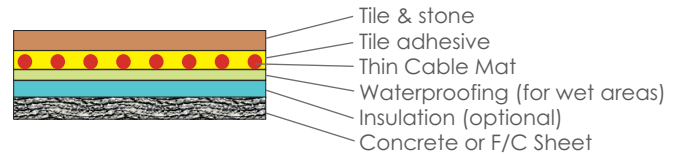
## Thin Cable Mat 20 Range

For Bathrooms & Other Wet Areas

Code	Mat Size	Watt	Floor Area
CM200-20	0.5 x 2m	200W	1m <sup>2</sup>
CM300-20	0.5 x 3m	300W	1.5m <sup>2</sup>
CM400-20	0.5 x 4m	400W	2m <sup>2</sup>
CM500-20	0.5 x 5m	500W	2.5m <sup>2</sup>
CM600-20	0.5 x 6m	600W	3m <sup>2</sup>
CM700-20	0.5 x 7m	700W	3.5m <sup>2</sup>
CM800-20	0.5 x 8m	800W	4m <sup>2</sup>
CM900-20	0.5 x 9m	900W	4.5m <sup>2</sup>
CM1000-20	0.5 x 10m	1000W	5m <sup>2</sup>
CM1200-20	0.5 x 12m	1200W	6m <sup>2</sup>

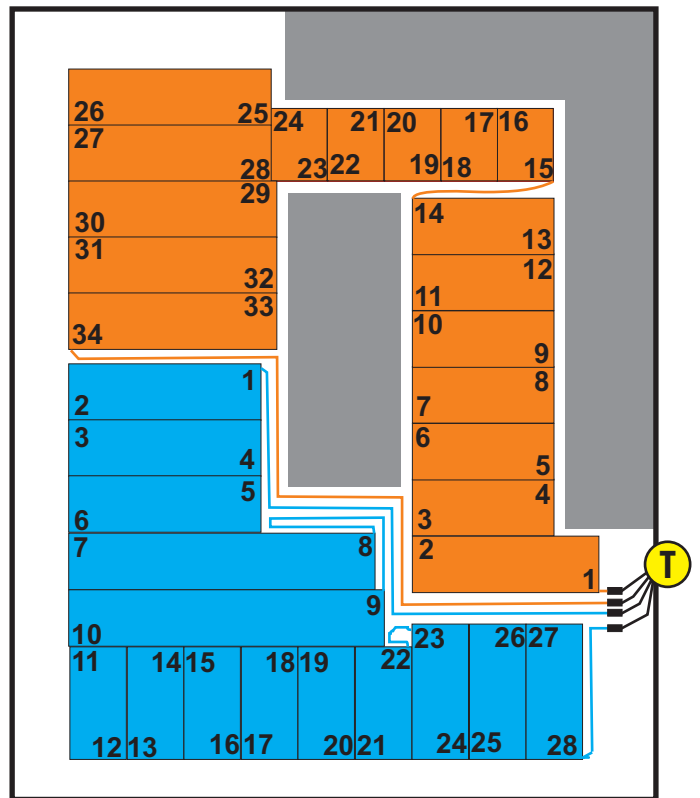
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## Application Profile



## Heater Layout

Multiple single conductor mat layout illustrated below



## Modifying Thin Cable Mat

