

# **THERMAL SURFACES**

Surface Heating & Cooling Specialists

## **ELECTRIC UNDERFLOOR HEATING SYSTEMS**

We can also offer electric underfloor heating solutions where the heating cables are embedded in to the floor structure. This can be a more suitable solution in bathrooms for example where there is limited floor space and the floor heating is required all year round when the main heating system is switched off. As the heating cable is only 4mm in diameter it can also be used where there is limited floor height available and can be retro installed to existing floors on refurbishment projects.

There are different categories to suit concrete, solid floor or timber bases / substrates that the heating cables are to be installed on with outputs ranging from 100 Watts/m<sup>2</sup> for heating cables installed on a timber base up to 200 Watts/m<sup>2</sup> for heating cables installed on a concrete base.

Our electric underfloor heating cables come with a 20 year warranty.

## **ELECTRIC UNDERFLOOR HEATING MAT INSTALLED BELOW TILED FLOOR**





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## ELECTRIC UNDERFLOOR HEATING TOUCH SCREEN PROGRAMMABLE ROOM THERMOSTAT



It is recommended that electric underfloor heating is controlled by a dual sensing room thermostat for each room or zone. The touch screen programmable room thermostat shown above that we offer can control electric underfloor heating in a room or zone up to a heat output of 3600 Watts. It has a floor sensor to limit the floor temperature and a built-in air sensor to control the room temperature. It is simple to use and can also be accessed remotely using a smart phone.

We also can offer a lower cost programmable room thermostat for electric underfloor heating, shown below. It is also dual sensing and can control electric underfloor heating in a room or zone up to a heat output of 3,400 Watts.

