

ELECTRIC UFH



ELECTRIC UNDERFLOOR HEATING



Use under tiles or Laminate and many more floor finishes!

ELECTRIC UFH

INTRODUCTION

The feeling of heat radiating from your floor.

INSTINCT UFH is a quality, no frills product designed for contractors who require a simple electric underfloor heating system at an extremely competitive price.

Electric underfloor heating (UFH) is inexpensive to install and run, and provides the ultimate feeling of comfort and luxury.

Our extensive range includes INSTINCT UFH matting, Cable kits, Touchscreen thermostat and insulation for a wide range of applications and floor finishes.

BENEFITS

A luxury product at an affordable price.

Underfloor heating is no longer an expensive luxury extra. INSTINCT UFH is the easy, affordable and economical way to add luxury to any room.

Standard radiator system

Heat rises from radiator to ceiling

Heat loss through roof

Creates draughts and uneven heat

Cold floors and hot heads

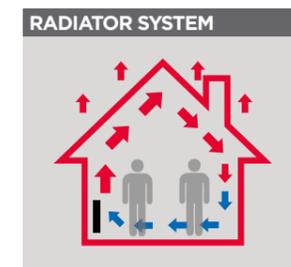
Underfloor heating system

Even heat spread

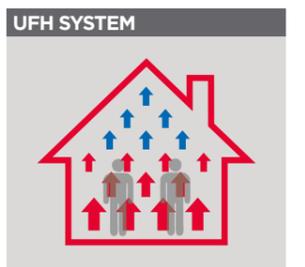
Comfortable room temperature

No draughts

Warm floors



Convection causes drafts and uneven heat spread



Even spread of heat for maximum comfort

RUNNING COSTS

It is a common assumption that running an electrical heating system will be more expensive than a gas equivalent. An electric underfloor heating system can have many benefits:

Rapid heat up times

Fully programmable touchscreen thermostat

Standard gas systems tend to heat the whole house. Our UFH can be programmed to allow for different times and temperatures in different rooms

Heat a 2m² area for less than 7p day*

RUNNING COSTS*							
Time (hours)	Heated Area 1m ²	2m ²	4m ²	5m ²	10m ²	15m ²	25m ²
1	1.8p	3.6p	7.2p	9p	18p	27p	45p
2	3.6p	7.2p	14.4p	18p	36p	54p	90p
3	5.4p	10.8p	21.6p	27p	54p	81p	135p
4	7.2p	14.4p	28.8p	36p	72p	108p	180p
5	9p	18p	36p	45p	90p	135p	225p
6	10.8p	21.6p	43.2p	54p	108p	162p	270p
7	12.6p	25.2p	50.4p	63p	126p	189p	315p
8	14.4p	28.8p	57.6p	72p	144p	216p	360p

*These running cost calculations assume an output of 150w/m² in a well insulated environment and an electricity tariff of 14p/kWh.

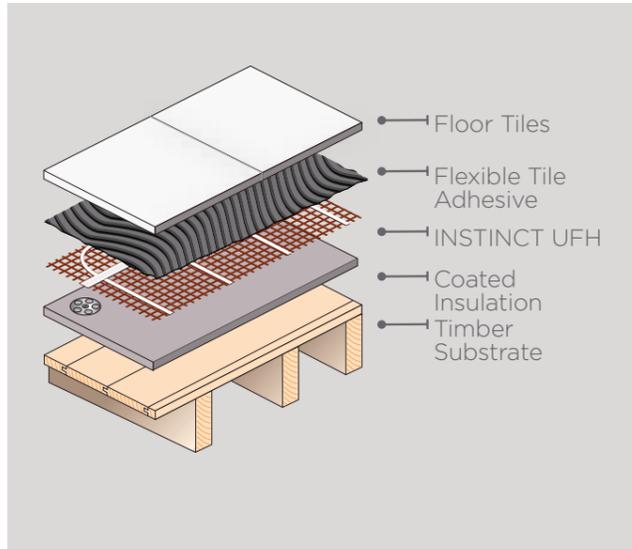
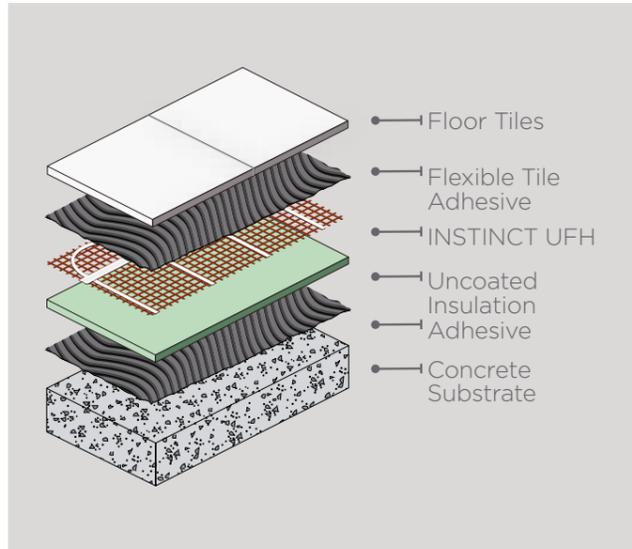
APPLICATIONS

INSTINCT UFH products have a wide range of applications and can be installed on timber and concrete substrates.

Suitable for almost all floor finishes; here are some examples. Always check with your flooring manufacturer before installing over an electric underfloor heating system.

WHAT TYPE OF UFH DO I REQUIRE?					
Product	Tiles	Stone	Laminate	Porcelain	Carpet
150w/m ² Mat	•	•	•	•	•
200w/m ² Mat	•	•	•	•	•
Cable Kit	•	•	•	•	•

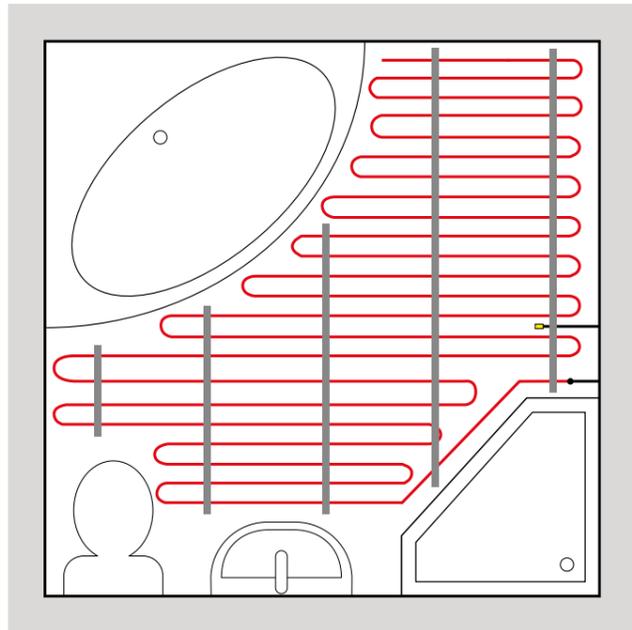
For small awkward areas use cable kit. For regular areas 1 - 24m² use 150w/m² mat. For high output 1 - 18m² use 200w/m² mat



CABLE KIT LAYOUT

Simple installation in irregular areas

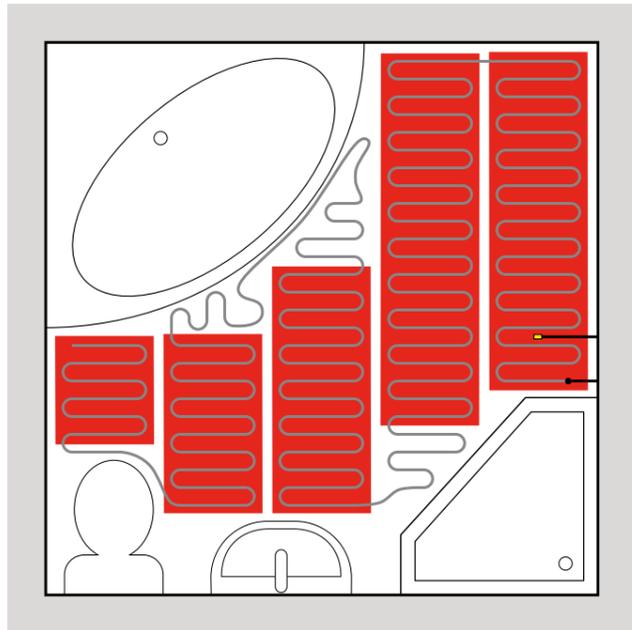
Diagram below shows a typical bathroom layout.



MAT SYSTEM LAYOUT

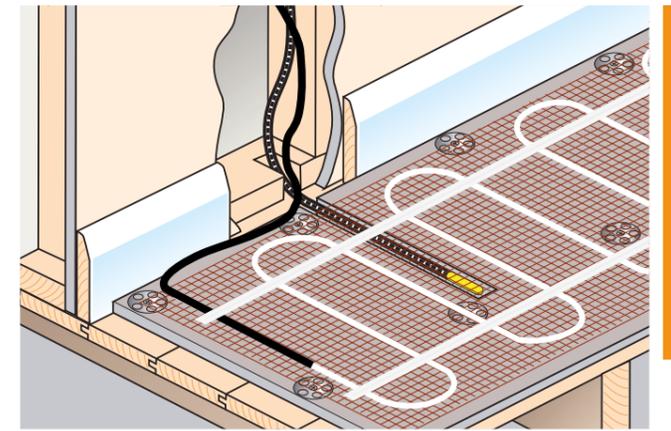
Simple, flexible installation

Diagram below shows a typical bathroom layout.



CONDUIT & SENSOR INSTALLATION

Diagram opposite shows an insulated timber substrate.



INSULATION

Efficient underfloor heating.

INSTINCT UFH mats can be laid onto any substrate and we always recommend that you lay them onto insulation board for maximum efficiency and potentially reduced running costs.

There are two types of insulation board - Coated and Uncoated.

Can make underfloor heating 50% more efficient

From just 6mm thick

Fast, simple installation

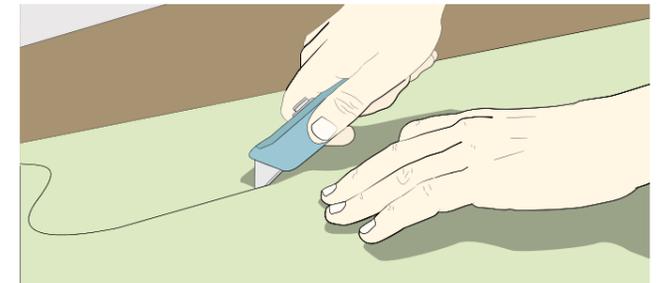
100% water and rot proof



For use with timber substrates



For use with concrete substrates



Cuts easily using a sharp blade

VASTLY REDUCE HEAT UP TIMES

Floor construction and finish will govern heat up times.

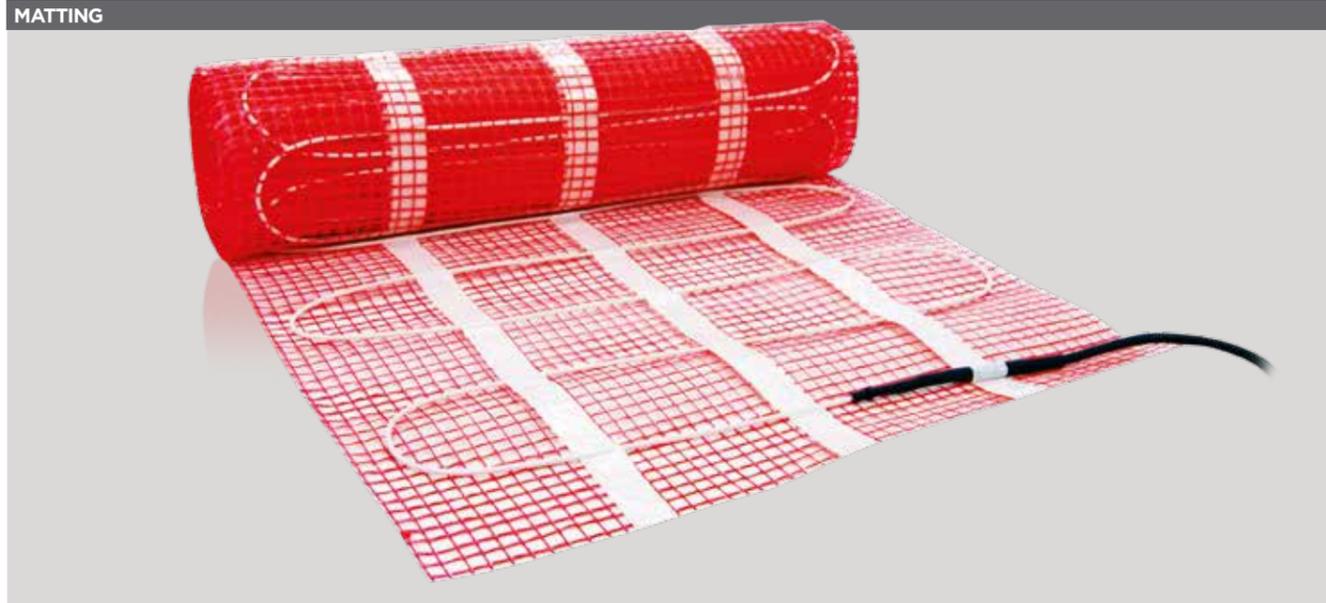
Sufficient insulation will greatly reduce heat up times and you will notice the difference in your energy bills. A well-insulated INSTINCT UFH system can be up to 50% more efficient. Average heat up times can be seen in the table below:

Concrete & 50mm Insulation board	0.5 hours
Concrete & 10mm Insulation board	1.0 hour
Un-insulated concrete	5.0 hours
Concrete & sub surface insulation	3.0 hours
Chipboard & 10mm Insulation Board	0.5 hours
Un-insulated chipboard	1.0 hour



Avoid heat loss and maximise the efficiency of your underfloor heating system

MATTING

150W/M² MATTING

Code	Description	RRP
8500	150W/m ² Matting 1m ²	£48.00
8503	150W/m ² Matting 1.5m ²	£73.00
8506	150W/m ² Matting 2m ²	£97.00
8509	150W/m ² Matting 2.5m ²	£121.00
8512	150W/m ² Matting 3m ²	£146.00
8515	150W/m ² Matting 4m ²	£194.00
8518	150W/m ² Matting 5m ²	£242.00
8521	150W/m ² Matting 6m ²	£290.00
8524	150W/m ² Matting 8m ²	£387.00
8527	150W/m ² Matting 10m ²	£484.00
8530	150W/m ² Matting 12m ²	£581.00

200W/M² MATTING

Code	Description	RRP
8550	200W/m ² Matting 1m ²	£54.00
8552	200W/m ² Matting 1.5m ²	£82.00
8554	200W/m ² Matting 2m ²	£109.00
8556	200W/m ² Matting 2.5m ²	£136.00
8558	200W/m ² Matting 3m ²	£163.00
8560	200W/m ² Matting 4m ²	£218.00
8562	200W/m ² Matting 5m ²	£272.00
8564	200W/m ² Matting 6m ²	£327.00
8566	200W/m ² Matting 8m ²	£436.00
8568	200W/m ² Matting 10m ²	£544.00
8570	200W/m ² Matting 12m ²	£653.00

TOUCHSCREEN THERMOSTATS

Heat your home efficiently.

Our Thermostats fit into any interior and provide ultimate control of your underfloor heating system.

Rising energy costs are forcing us to be more careful about our energy use and the 8259 features a 7 day, 6 event programmable heating schedule which can be set up to provide efficient heating that fits perfectly with your lifestyle.

Thermotouch 4.3iC™ features a 7 day (5+1+1) 6 event heating schedule and can control underfloor heating systems of up to 16 Amps.

The beautiful 4.3 inch colour touchscreen is LED backlit and makes controlling and programming your electric underfloor heating system intuitive and easy.

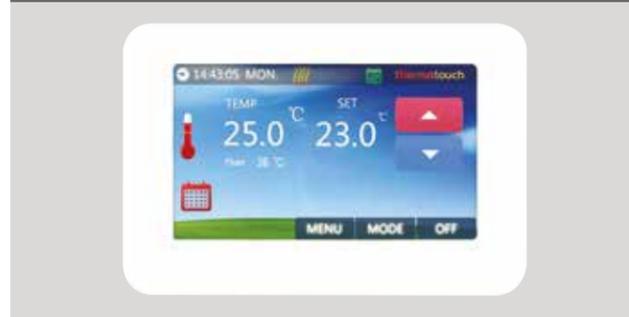
TOUCHSCREEN THERMOSTAT 8259



7 day programmable heating schedule. Heat your home simply and efficiently.

Code	Description	RRP
8259	Touchscreen Thermostat 8259	£108.00

THERMOTOUCH 4.3iC™



Code	Description	RRP
5240	Thermotouch 4.3iC colour touchscreen thermostat	£210.00

LOOSE WIRE CABLE



Code	Description	RRP
8602	Loose Wire Cable - 1 to 2m ²	£73.00
8604	Loose Wire Cable - 2 to 3m ²	£97.00
8606	Loose Wire Cable - 3 to 4m ²	£121.00
8612	Loose Wire Cable - 4 to 6m ²	£194.00
8616	Loose Wire Cable - 5 to 7m ²	£242.00
8620	Loose Wire Cable - 7 to 10m ²	£339.00

Cable Kit	Heating Mat	Thermostat	Insulation
6 Kit sizes available	Fully self adhesive	Touchscreen control	Coated or uncoated
Costs less than 3p/m ² per day	Adds only 3mm build up	LED backlit display	Makes UFH 50% more efficient
Zero maintenance	Efficient heating	7 day, 6 event program	From 6mm thick
Simple installation	100% safe	Comfort and Eco modes	Cost effective
Fully earthed	Costs less than 3p/m ² per day	Floor sensor included	Simple installation

DUAL CONTROL THERMOSTAT

New Dual Control thermostat allows control of undertile heating and towel rail to be controlled from a single unit, either together or independently.

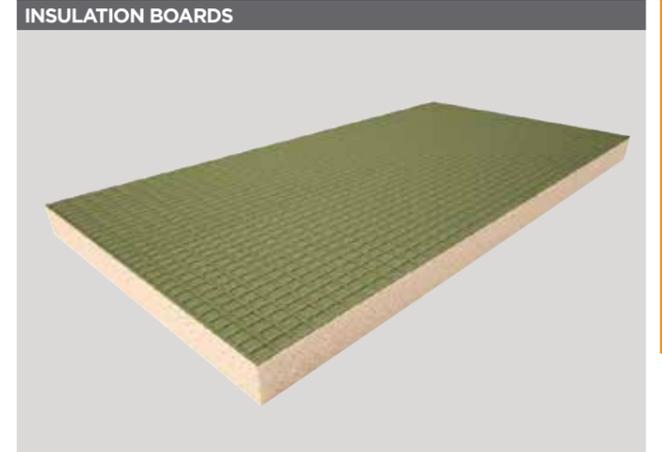
DUAL CONTROL THERMOSTAT



Dual floor heating and appliance controls. Compatible with popular sensor probes. Portrait and landscape screen modes. Energy saving preset heating modes. Available in Satin Black and Ice White

Code	Description	Colour	RRP
5245	Thermotouch 4.3dC Dual Control Thermostat	Ice White	£222.00
5246	Thermotouch 4.3dC Dual Control Thermostat	Satin Black	£220.00

INSULATION BOARDS



Code	Description	RRP
6106	Coated Insulation Board 6mm 1200 x 600	£28.00
6110	Coated Insulation Board 10mm 1200 x 600	£30.00
6112	Coated Insulation Board 12mm 1200 x 600	£31.00
6120	Coated Insulation Board 20mm 1200 x 600	£33.00
6130	Coated Insulation Board 30mm 1200 x 600	£38.00
6140	Coated Insulation Board 40mm 1200 x 600	£44.00
6150	Coated Insulation Board 50mm 1200 x 600	£46.00
6014	Uncoated Insulation Board 10.5mm 1300 x 600	£124.00 Pack 10

FIXING WASHERS

Code	Description	RRP
6016	Zinc Fixing washers pk 100	£21.00

MANUAL THERMOSTAT

A simple on/off switch and temperature control dial makes manual control of your underfloor heating system quick and easy.

MANUAL THERMOSTAT 8250



Manual thermostat with an on/off switch and temperature control dial

Code	Description	RRP
8250	Manual Thermostat	£60.00