

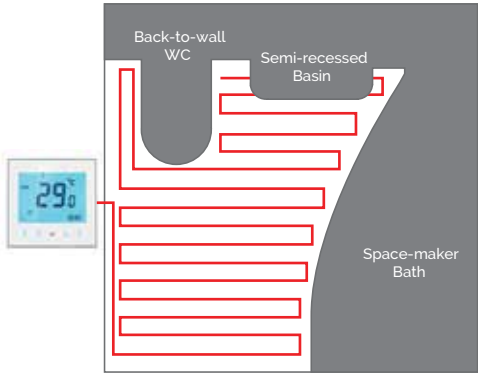
Recommendations and technical advice

What else do I need to install an underfloor heating system?

All you need is the correct heating system, a control (timer/thermostat), an RCD (if there is not already one on the mains), and the adhesives/leveller to stick the system onto the sub-floor.

What size heating system do I need?

Simply allow for an approximate 10cm margin around the full perimeter of the room and then calculate the remaining floor area in m². From this total you should deduct fixed furniture such as kitchen or bathroom units. The cable should only be laid in open areas so the floor can radiate heat.



What controls do I need?

We recommend installing a Wi-Fi timer/thermostat; this will allow you total control of your heating whilst ensuring maximum efficiency and economy.

What electrical/subfloor preparations do I need to make?

We recommend a qualified electrician carry out all electrical work. The electrician will need to provide the correct size spur and deep single back boxes for the control and Residual Current Device (RCD) Prepare the sub-floor ready for the final floor finish. An RCD is only required if you do not already have one on the mains.

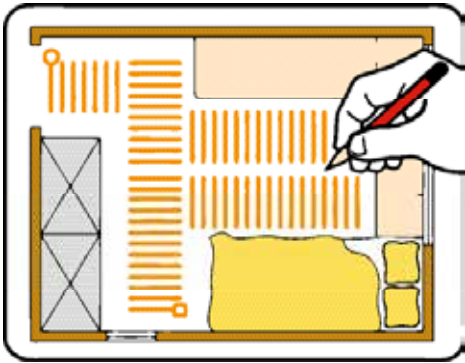
Electric underfloor heating & green energy

The energy generated from most solar panels can be paired with any electrical appliance, so works equally well with electric underfloor heating!

We also highly recommend that you install our insulation boards beneath our heating on uninsulated sub-floors to stop energy being wasted.

Installing your system

Step 1: To help you plan where to install your heating system it may be useful to sketch the layout of the room and mark the area to be heated. Ensure that the subfloor is prepared (smooth and flat) as required for the final floor finish.



Detailed installation instructions are included with all systems. Installation accessories are also available. Ask your retailer for more details.

Step 2: Cut the backing and bend the heating cable to fit the room layout.



Step 3: Stick your system to the prepared subfloor.



Step 4: Apply a thin layer of adhesive or levelling compound over the system.



Step 5: Apply the tile adhesive and tiles.



WARMTÖES
High quality electric underfloor heating systems

www.underfloorheatinghq.co.uk

Freephone: **0800 772 0752**

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Our Warmtoes HQ 2mm thin underfloor heating range

Underfloor heating is as old as the Romans, they realised that it was the most efficient and effective form of heating available. Our Warmtoes underfloor heating range sets new standards and takes the Roman genius into the modern era, creating beautifully warm floors.

The products

Warmtoes HQ Cable

This is an excellent high quality heating system for use in smaller rooms, including wet rooms.

- Installation kit included with each cable.
- An ultra-thin and waterproof connection cable that is ideal for bathrooms kitchens and wet rooms.
- Available in six sizes to cover up to 10m² – more than one system can be installed in a room. See the table below for cable spacing and warmth options.
- Our de-coupling membrane is recommended if installing on a wooden sub-floor.



Cable kits required	Length of cable	Area covered @200w (per m²)	Area covered @175w (per m²)	area covered @150w (per m²)
Cable kit sizes (watts)	Metres	Warmest <i>Can use as stand-alone heating*</i>	Warmer <i>Gives extra warmth, can use as stand-alone heating*</i>	Standard warmth <i>Great heat for tile warming</i>
300w	24m	1.5m²	1.7m²	2.0m²
450w	36m	2.3m²	2.6m²	3.0m²
600w	48m	3.0m²	3.4m²	4.0m²
750w	60m	3.8m²	4.3m²	5.0m²
1050w	84m	5.3m²	6.0m²	7.0m²
1500w	120m	7.5m²	8.6m²	10.0m²
Spacing between the cables		6cm spacing	7cm spacing	8cm spacing

All our underfloor heating systems are covered by our lifetime guarantee.

Warmtoes HQ mats (sticky backed)

Our High Quality mats have taken underfloor heating to the next level and are probably the best mat systems on the market. The Warmtoes HQ mats have been designed primarily as tile warming systems. However, in the correct circumstances, and especially if using the 200watt version, they can be used as the sole source of heating.*

- Available in 1 – 12m².
- Powerful 150 or 200watts/m² systems to heat any tile.
- Sticky backing for easy installation.
- Meet and surpass all international safety standards.
- Lifetime** guarantee

HQ Stealth 150watt mat

Our 3.5mm thin underfloor heating mats are powerful enough to warm the floor in any room and come with a **lifetime** guarantee**. There are many benefits of the HQ Stealth mat, the main one being its self-adhesive backing. If you're looking for an amazing value for money heating mat - Stealth is the answer.



Warmtoes HQ 200watt mat

Our 2mm thin underfloor heating mats are powerful enough to warm the floor in any room and in the correct circumstances can provide primary heat!

Warmtoes HQ 150 foil mat

Our foil mat is designed for use under soft floor finishes and is suitable for indoor use only.



* All of our systems can be used in almost any room on any prepared sub-floor. However, if you need advice, or if you intend to use our systems as the sole source of heating please call our technical help-line on 0800 772 0752 for advice.
** Lifetime of the floor covering.

Controlling your heating

The thermostat is essential as it controls when your heating will come on, go off and the exact temperature of the floor or air. This means you don't waste energy and the floor is at the perfect temperature when you want it to be. Each thermostat comes with a floor sensor that is installed in the adhesive layer. Thermostats come with full operating instructions.

Warmtoes Pro Wi-Fi thermostat

- Programmable (Wi-Fi) thermostat
- Control via app (IOS and Android)
- Echo voice control
- Manual setting
- Air and floor sensor included
- 2 year guarantee

Warmtoes programmable thermostat

- Programmable thermostat
- Manual setting
- Holiday setting
- Air and floor sensor included
- 2 year guarantee

Pro XL Wi-Fi thermostat

- Intelligent touch screen control
- Wi-Fi compatible
- Voice activated through compatible smart home devices
- 7 day programmable
- 3 year guarantee

