

# Beautiful spaces deserve luxurious warmth.

**butech**

PORCELANOSA Grupo

By **Warmup**

Underfloor heating is an energy efficient  
and luxurious way to bring natural feeling  
warmth to your home.





**B**utech floor heating systems use a thin wire embedded in your floor to bring warmth to your space, with automatic heating control, no visible radiators and no stuffy environments.

Floor heating warms people and objects in the same way as the sun, using radiant heat, instead of just heating the air. The easiest way to think about how it works is by imagining a bright winter's day. When you're in the direct sunlight you still feel warm and comfortable without overheated or stuffy

air around you.

Butech floor heating systems, developed specifically for Butech by Warmup, the world's leading floor heating brand, use radiant heat to achieve a natural feeling and energy efficient warmth in your home.



# Bathrooms

## A place for luxury, indulgence and relaxation.

The bathroom is a personal sanctuary that sets the tone for both the beginning and end of your day. Floor heating will add luxury when you want to pamper yourself and take the chill off tiles on a cold morning.

With floor heating, a radiant warmth gently fills the room and makes tiled surfaces inviting and welcoming. The warm floors also naturally dry much faster than unheated surfaces.

Installing underfloor heating in a bathroom is far quicker than installing conventional heating systems such as radiators because the wire can be laid directly below the floor finish.

Only an electrician is needed and floor heating can be installed easily prior to the floor finish being laid.

### It costs less than £25 to heat a Porcelanosa bathroom for the winter.

A typical bathroom will need a 4m<sup>2</sup> heated area and be used for around two hours in the morning and one hour in the evening each day. Running this system through the winter will cost £22,75\*

\* Assumptions: 11.61p/kWh (Contracted Power 10kW - 15kW, taxes and other costs not included – system on 6 months (182 days) per year. System installed on 10mm insulation boards.







# Kitchens

The kitchen is a place to meet at the start of each day and where the whole family spends time together, cooking, chatting and relaxing.

Floor heating systems use radiant heat to warm people in the room instead of just warming the air, which helps to maintain a comfortable atmosphere in the space.

With floor heating there are no low level hot surfaces or hard metal edges that come with radiator systems, making it the perfect choice for a family-friendly environment.

**A Porcelanosa kitchen can be heated for less than the cost of a meal for two.**

With a 5m<sup>2</sup> heated area and used for one hour in the morning and two hours in the evening each day, a typical kitchen will cost just £27,81\* to run through the winter.

\* Assumptions: 11.61p/kWh (Contracted Power 10kW - 15kW, taxes and other costs not included – system on 6 months (182 days) per year. System installed on 10mm insulation boards.





# Multi-function rooms

Spaces to get together with family and friends.



Multi-function rooms are popular projects to create spaces that can be used to get together as a family or with friends. Underfloor heating allows you to have a comfortable and unstuffy environment to relax in. In most cases these rooms are on the main level of a home and see a lot of activity so it is important that this room is warm, comfortable

and inviting. With floor heating, the indoor air quality is improved by the reduced dust circulation achieved with radiant heat and no bulky radiators are needed so you'll have more living space to enjoy. You can also easily divide the space with individual heating zones using separate thermostats to tailor the environment for different uses.

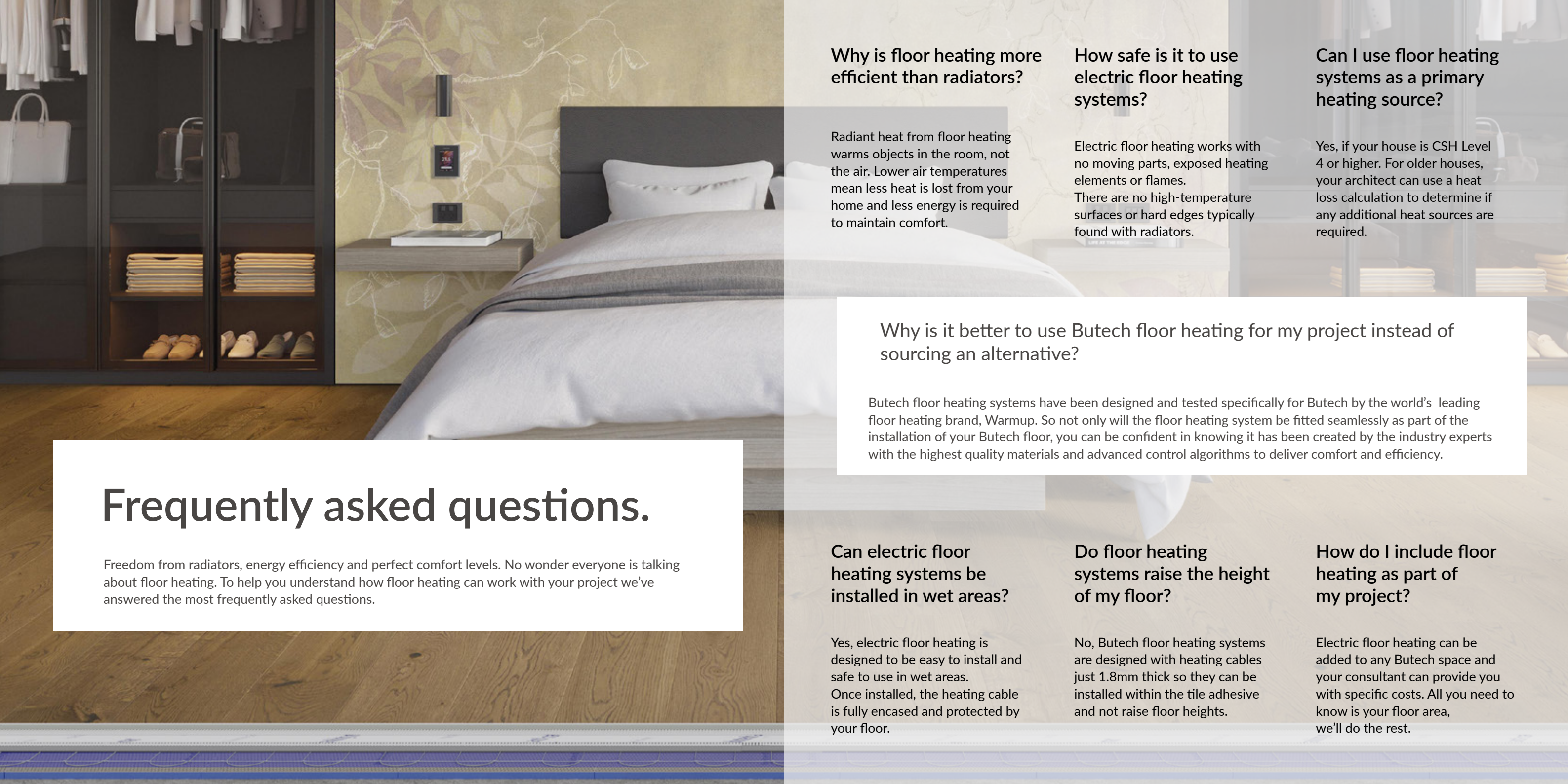


**Enjoy the feeling of natural warmth with friends and family for less than £80.**

A lounge or living room with a 15m<sup>2</sup> heated area costs £78,19\* to heat through the winter for three hours each day.

\* Assumptions: 11.61p/kWh (Contracted Power 10kW  
- 15kW, taxes and other costs not included – system on 6 months  
(182 days) per year. System installed on 10mm insulation boards.





# Frequently asked questions.

Freedom from radiators, energy efficiency and perfect comfort levels. No wonder everyone is talking about floor heating. To help you understand how floor heating can work with your project we've answered the most frequently asked questions.

**Why is floor heating more efficient than radiators?**

Radiant heat from floor heating warms objects in the room, not the air. Lower air temperatures mean less heat is lost from your home and less energy is required to maintain comfort.

**How safe is it to use electric floor heating systems?**

Electric floor heating works with no moving parts, exposed heating elements or flames. There are no high-temperature surfaces or hard edges typically found with radiators.

**Can I use floor heating systems as a primary heating source?**

Yes, if your house is CSH Level 4 or higher. For older houses, your architect can use a heat loss calculation to determine if any additional heat sources are required.

**Why is it better to use Butech floor heating for my project instead of sourcing an alternative?**

Butech floor heating systems have been designed and tested specifically for Butech by the world's leading floor heating brand, Warmup. So not only will the floor heating system be fitted seamlessly as part of the installation of your Butech floor, you can be confident in knowing it has been created by the industry experts with the highest quality materials and advanced control algorithms to deliver comfort and efficiency.

**Can electric floor heating systems be installed in wet areas?**

Yes, electric floor heating is designed to be easy to install and safe to use in wet areas. Once installed, the heating cable is fully encased and protected by your floor.

**Do floor heating systems raise the height of my floor?**

No, Butech floor heating systems are designed with heating cables just 1.8mm thick so they can be installed within the tile adhesive and not raise floor heights.

**How do I include floor heating as part of my project?**

Electric floor heating can be added to any Butech space and your consultant can provide you with specific costs. All you need to know is your floor area, we'll do the rest.





# Control. Simply and Beautifully.

Most smart thermostats let you control your heating from your phone, but ours go one step further. With automatic control of your heating system and energy bill reducing technology built-in, our smart thermostats make saving energy simple.

The Butech Smart Thermostat is designed to look great in both modern and traditionally styled homes,

with glass effect front faces and bevelled chrome edges to reflect wall colours.

The Butech Smart Thermostat works with the MyUFH by butech app available on the Google Play Store and the App Store. You can also use the [my.butech.net](http://my.butech.net) web app.



**Always at the right temperature.**

SmartGeo™ makes sure your home is automatically warm just as you arrive, and running efficiently when you're away, just like magic.



**Simple to set up and easy to use.**

The Butech Smart Thermostat is simple to set up, easy to use and doesn't require programming.

**Personalised for your décor.**

The large colour touchscreen can be customised with different themes and uploadable photo backgrounds.

# Lifetime warranties dedicated support.

Butech floor heating systems are backed up by industry leading lifetime warranties and supported by a dedicated technical helpline.

Butech systems have the most independent accreditations, which means more rigorous testing, security and peace of mind for you.



## Lifetime warranties

Butech floor heating systems are supplied with lifetime warranties and backed up by a European network of engineers. Should anything go wrong with your heating, our engineers are on hand to visit, review and even repair your system.

## Installation guarantee

Butech offers the installation guarantee to help during those times when accidents happen. If you damage the heater while installing the system, we will replace it free of charge. Just contact our 24 hour technical support line to organise the replacement to be sent out to you.



## Here to help

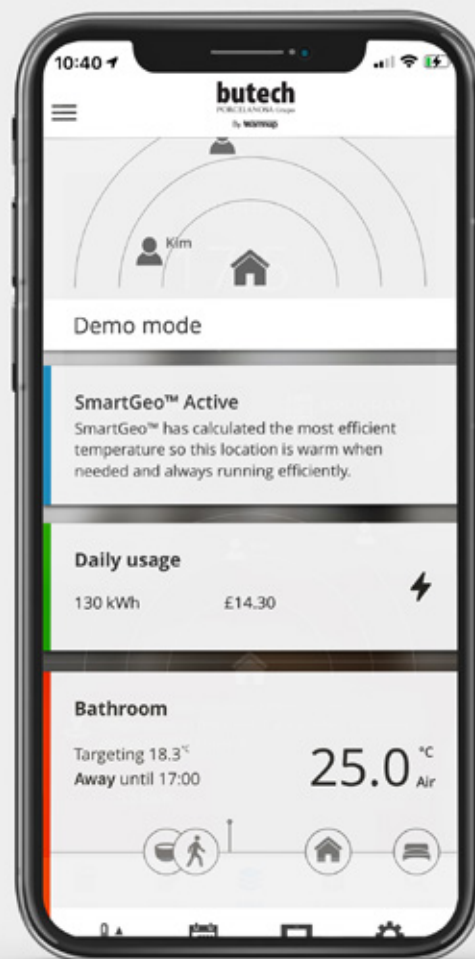
Butech floor heating systems have a technical support helpline for homeowners, installers and specifiers open on weekdays between 8am and 5pm to answer any questions from help setting up a thermostat to installation issues.



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