



# **MYSON FLOORTEC**

## Premium Underfloor Heating



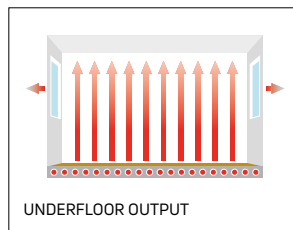
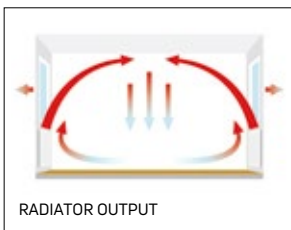
# UNDERFLOOR HEATING

## More Design. More Flexibility.

Underfloor heating has become the fastest growing market for both domestic and commercial heating sectors. MYSON FLOORTEC underfloor heating is at the forefront of this technology. In addition to our manufacturing and technical expertise, we provide full planning, design and supply services to help you achieve your perfect home.

### Natural, comfortable warmth

Underfloor heating works by heating your home from the floor upwards. This form of radiant heating is different to the convected heat provided by radiators. Radiant heat means that the warmth is concentrated where you need it most. You'll enjoy uniform heat, perfect for comfort - you won't get cold feet and you will keep a cool head.



It's highly controllable heat too. You can make each room a separate zone, varying heat output according to the time of day and location. It's even good for furniture, with its gentler, more even heat and smaller variations in humidity. Underfloor heating is also extremely discrete. With nothing showing above floor level, it does not interfere with either your living space or your décor. This leaves you free to make the most of every square foot of your floor and wall space.

## How a modern heating system with underfloor heating can save our climate!

A modern heating system can make a significant contribution to achieve national climate protection goals and stop the climate change. An underfloor heating system works with much lower system temperatures than other heating systems. This results in system-related energy savings. To achieve the greatest possible energy efficiency, it is necessary to reduce the system temperatures as much as possible. Conventional heating systems can often no longer be used here because of these low temperatures. This is precisely where there are great opportunities for underfloor heating.



**Sustainable (adj):** meeting your needs without compromising anyone or anything from meeting theirs, today or tomorrow.





# More Service. More Confidence.



Email [underfloor@myson.co.uk](mailto:underfloor@myson.co.uk), or call us on **0845 402 3434** for technical advice and support, or to discuss your project.



## FULL DESIGN SERVICE

Our experienced in-house design team are fully trained to find the best solution to meet your specific needs



## FAST QUOTE TURNAROUND

Our quoting process offers a 24hr turnaround service



## 10 YEAR COMPLETE SYSTEM GUARANTEE

We offer comprehensive warranty protection for added peace of mind



## BEAMA MEMBER

We are a proud BEAMA member



## TECHNICAL ADVICE AND SUPPORT

Our support team are fully trained to guide you through your project or help problem solve



## ONSITE SUPPORT

We offer onsite support from our experts\*



## MANUFACTURED IN-HOUSE

Our systems components are manufactured in our dedicated factories



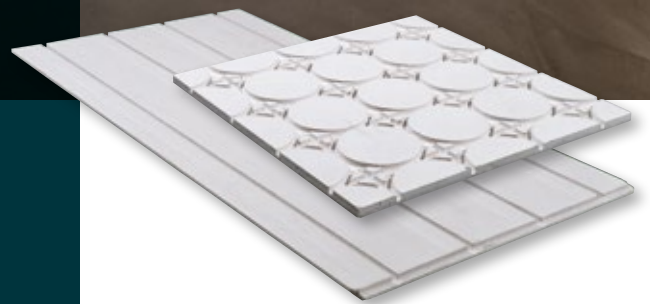
## DIRECT DELIVERY

Site delivery is available upon request

\*Upon special request



# HYDRONIC UNDERFLOOR HEATING



## **MICROBOARD**

MICROBOARD, from MYSON FLOORTEC, is a retrofit, low profile underfloor heating system. It can be installed over an existing floor, or be used as part of a new build project, making it our most flexible system yet.



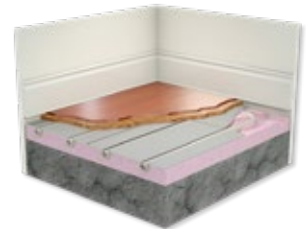
Hydronic underfloor heating works by circulating warm water through a series of continuous pipe loops fitted underneath your floor. The pipework creates a large radiant surface which heats your home from the floor upwards.

**Benefits of installing underfloor heating:**

- Cost effective method of heating, providing superior efficiency lowering running costs
- Easily installed to complete floors, partial areas or individual rooms
- Can be used as a complete system or combined with radiators
- Can be used with most types of floor coverings including carpet, tile, stone or wood flooring
- Suitable for mixed floor applications within the same level

**Floating floor**

Floating floors reduce the weight of the floor compared to other floor systems. Floating floors also exhibit very good acoustic properties, reducing sound transmission between floors of a building.



**Plated floor & SUBPLATE**

Suspended floor systems suit all types of joisted floors, including traditional, i-beam and eco joist. MYSON FLOORTEC manufacture a variety of superior grade Aluminium plates that diffuse heat efficiently.



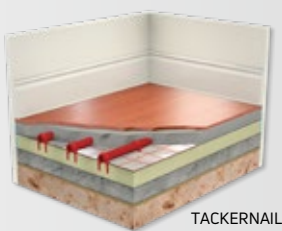
PLATED FLOOR



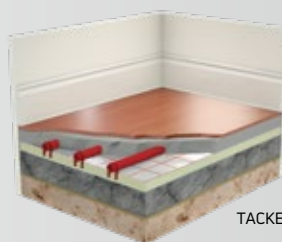
SUBPLATE

**Screeded floor**

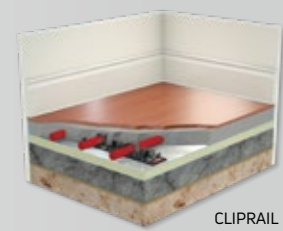
MYSON FLOORTEC offers a huge range of fixing systems for screeded floor applications.



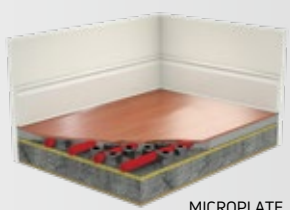
TACKERNAIL



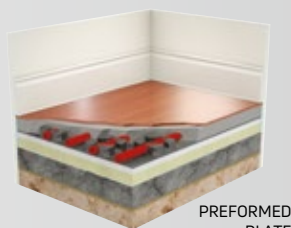
TACKER



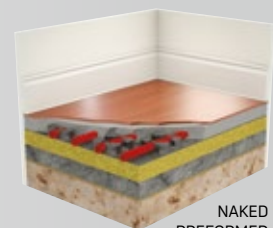
CLIPRAIL



MICROPLATE



PREFORMED PLATE

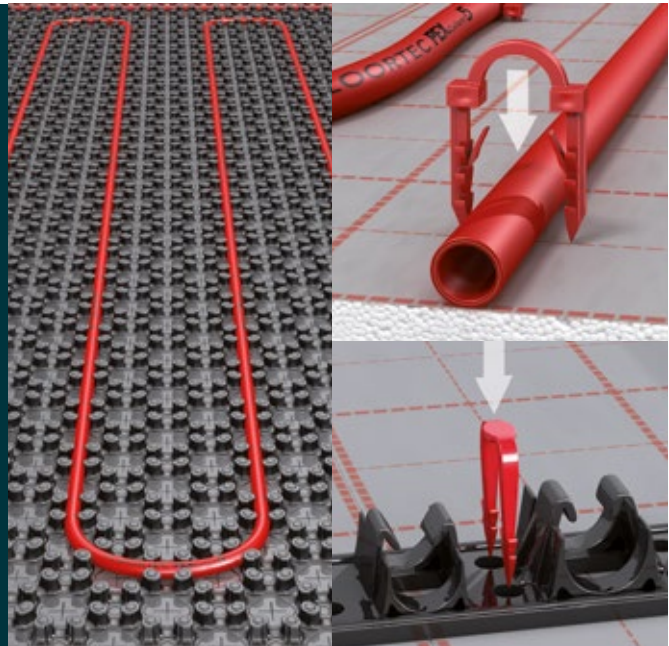


NAKED PREFORMED PLATE



# FIXING SYSTEMS

MYSON offer an extensive range of fixing systems to suit your project.



## Screeded

Applications	Tackernail	Cliprail	Preformed Plate	Naked Preformed Plate	MicroPlate
Solid Floor	✓	✓	✓	✓	✓
Specifications	Tackernail	Cliprail	Preformed Plate	Naked Preformed Plate	MicroPlate
Features and Benefits	Cost effective fixing method Quick & easy to install	Perfect for large open areas	Ideal for single person installation	Cost effective, streamlined version of PFP where space is a premium	Ultra-low profile with only 15mm total floor height
Pipe	16, 17 and 20mm	16, 17 & 20mm	16 & 17mm	16 & 17mm	12mm
Spacings	100, 150, 200, 250mm	150, 200mm	120, 180, 240mm	120, 180, 240mm	100, 150mm
Pattern	Spiral or Serpentine	Serpentine	Spiral or Serpentine	Spiral or Serpentine	Spiral or Serpentine

## Dry system

Applications	Plated 400mm Joist Centre	Plated 600mm Joist Centre	SUBPLATE 150mm	SUBPLATE 250mm	Floating	MICROBOARD
Solid Floor	✓	✓	-	-	✓	✓
Suspended Floor	✓	✓	✓	✓	✓	✓
Renovations	✓	✓	✓	✓	✓	✓
Specifications	Plated 400mm Joist Centre	Plated 600mm Joist Centre	SUBPLATE 150mm	SUBPLATE 250mm	Floating	MICROBOARD
Features and Benefits	No floor lift Fast response dry system	No floor lift Fast response dry system	Installed from below Fast response dry system	Installed from below Fast response dry system	Fast response dry system	Minimal floor lift Fast response dry system
Pipe	16mm MLP	16mm MLP			16mm MLP	12mm PEX
Spacings	150, 200mm	200mm	150mm	250mm	200mm	150mm
Pattern	Serpentine	Serpentine	Serpentine	Serpentine	Serpentine	Serpentine



# MANIFOLDS & PIPES

MYSON manufacture a wide range of premium high grade stainless steel manifolds.



## Underfloor heating manifold

### Features and benefits

- Pre-assembled stainless steel manifold
- Range includes 2-12 ports
- Automatic air vent and pressure gauge supplied as standard
- Easy to use flow meters with locking facility and cleaning
- Supplied with 17mm adapters, pipe bend supports, isolation valves and temperature gauges
- Manufactured in-house to highest quality standards

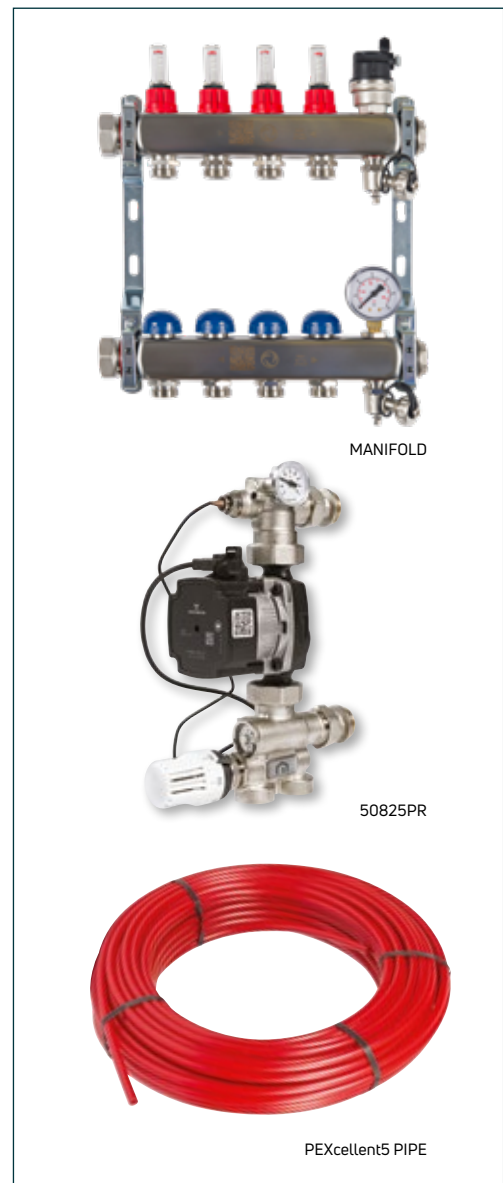
## Underfloor heating pump pack

### Features and benefits

- Supplied fully assembled
- Includes high efficiency circulating pump
- Integral non-return valve and flow regulating valve ideal for balancing large systems

## Underfloor heating pipe

	Pipe Type	Coil Sizes	Wall Thickness
12mm	Pex	80, 120, 240m	2mm
16mm	MLCP	100, 200, 400m	2mm
17mm	Pex	80, 120, 200, 600m	2mm
20mm	Pex	240, 500m	2mm



MANIFOLD

50825PR

PEXcellent5 PIPE



# CONTROLS & WIRING CENTRES

MYSON offer a range of easy to operate controls and wiring centres.



TOUCH2 WiFi



WiFi enabled when connected to Hub

## Control options



MRTE	MPRT	MPRT RF	TOUCH & TOUCH RS	TOUCH2 WiFi	MEP1C
Easy to use thermostat	Programmable thermostat	Programmable RF enabled thermostat	Programmable thermostat	WiFi enabled (when connected to Hub)	24hr, 5/2 day or 7 day operation
Clear LCD display	24hr/7day programming	24hr/7day programming	24hr, 5/2day or 7 day programming	24hr, 5/2day or 7 day programming	Single channel time switch
Surface mounted	3 temperature settings	3 temperature settings	Touch screen display	4 time and temperature settings per day	Pre-set clock
2 year warranty	4 programme settings	Optimum Start	Floor & Thimble air sensor available	Optimum Start	2 year warranty
24V & 230V	Optimum Start	2 year warranty	2 year warranty	Geo location	230V
	2 year warranty	24V + 230V	230V	2 year warranty	
	24V & 230V		Optimum Start	230V	
				Floor & Thimble air sensor available	

## Underfloor heating wiring centres

	24V	230V
Built-in Transformer	✓	-
4-Way	-	✓
8-Way	✓	✓







“

From its design to the end result it was essential that every bit of this house was the best quality that it could be. With MYSON I knew I was getting a fantastic product from a trusted manufacturer, as well as support in designing the best possible heating system. ”

Kevin Hutchinson of the Birches

“

We asked Fast Flow Plumbing for advice on heating a space made of wood, with ceilings up to 4 metres high, and they recommended MYSON FLOORTEC underfloor heating. When we looked into it for ourselves we had to agree. ”

Edward Dorrell of Hoo Farm Animal Kingdom

**WHAT OUR CUSTOMERS ARE SAYING**

“

MYSON is a trusted brand, with a solid reputation, and the FLOORTEC products met the needs of this one-off property perfectly. ”

Patrick Bradley of Patrick Bradley Architects

“

Underfloor heating is a must for high specification housing and the widely recognised quality of MYSON products led us to choose FLOORTEC underfloor heating for the ground floors. ”

Mark Philpotts of Court Property Developers Ltd.





## SINGLE ROOM PACKS



MYSON FLOORTEC offer a wide range of underfloor heating single room packs. These systems complement MYSON FLOORTEC's bespoke underfloor range. The single room packs are easy to install using a variety of our fixing methods. There are no design requirements and the packs are competitively priced.

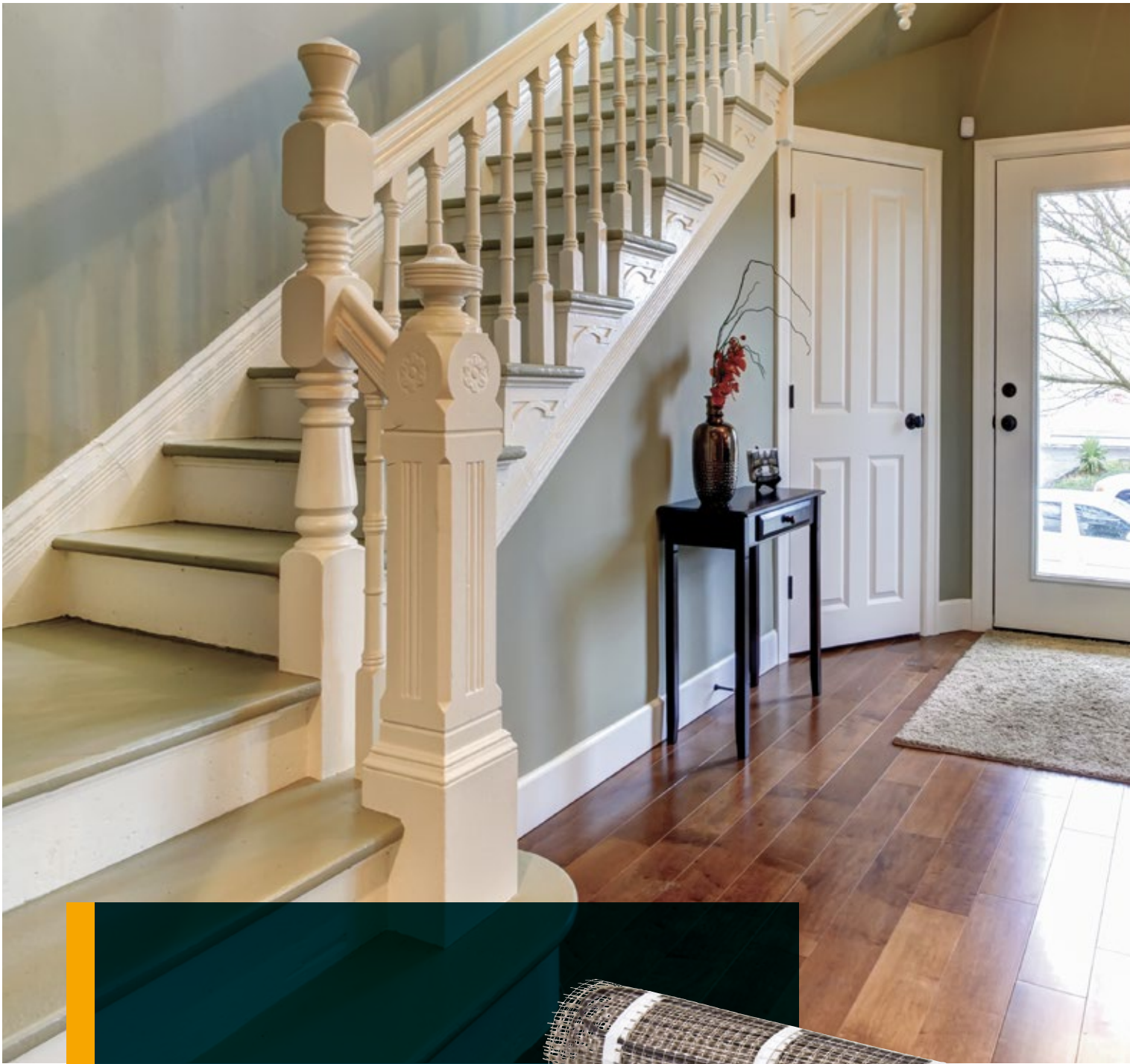
Please call **0845 402 3434** for further details.

### Punch Packs

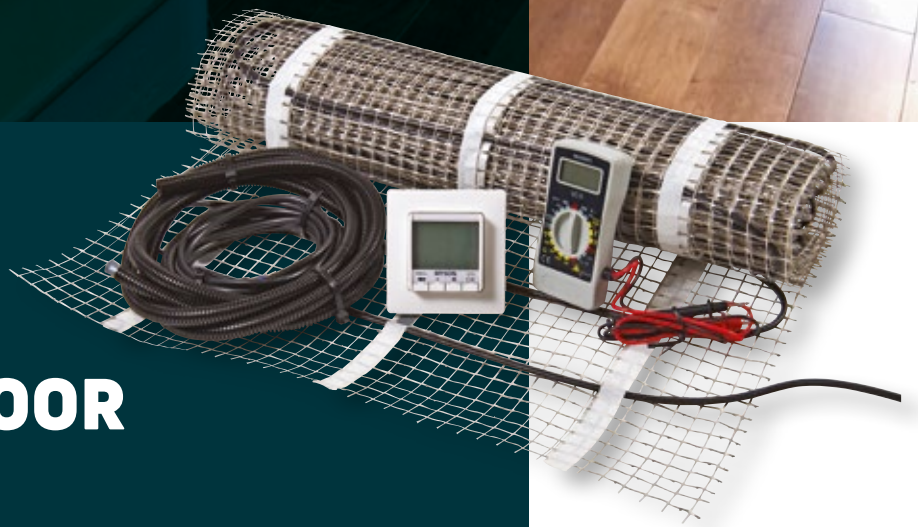
MYSON FLOORTEC's Punch Packs for single rooms are designed for a screeded floor. They include specially selected items to provide unbeatable quality and value.

They come with 16mm multi-layer pipe, our A-rated single zone control unit and a MYSON TOUCH Thermostat complete with floor sensor. They are available in 20m<sup>2</sup> and 40m<sup>2</sup> pack (based on 200mm spacings).





# ELECTRIC UNDERFLOOR HEATING





Electric underfloor heating can make a valuable addition to your heating system. It is simple, space saving and provides instant heat. It's an ideal choice for individual rooms that need independent heat, such as conservatories and extensions, or for use in small rooms with limited space, such as kitchens, bathrooms, cloakrooms or walk-in areas.

MYSON's electric underfloor heating range is easy to install making it a great choice for self-build. There is no need for specialist tools, skills or groundwork and everything is supplied in one handy box.

It can be easily installed throughout your house, on one level only or in individual rooms. It can be used alone or combined with radiators or other heating systems elsewhere in your home.

### A better form of heating

The MYSON electric underfloor heating mat is manufactured from high quality, durable materials. The installation of the electric mat must be performed by a qualified electrician and in accordance with the instructions that are supplied when the product is purchased.

Type M <sup>2</sup>	Wattage	Heat Outputs	
		Amps	Ohm
1	150W	0.65	353
1.5	225W	0.97	235
2	300W	1.30	176
2.5	375W	1.63	141
3	450W	1.95	117
3.5	525W	2.28	100
4	600W	2.61	88
4.5	675W	2.93	78
5	750W	3.26	70
6	900W	3.91	59
7	1050W	4.56	50
8	1200W	5.22	44
9	1350W	5.87	39
10	1500W	6.52	35

Electric underfloor heating can be used under tile, stone, or wood floorings\*

MYSON electric underfloor heating boxes contain the heating mat with connecting wire, a control card, the thermostat and floor sensor, a sensor pipe, multimeter and the installation manual. It comes with a 10 year warranty for the electric mat, and a 2 year warranty for the thermostat.

The MYSON Programmable Floor Temperature Controller allows programming to your personal needs.

#### Key features:

- One line text display for simplified operation
- Back light
- Real time clock (setting of year, month, day and time)
- Automatic Summer - Winter time change over
- Max 9 events per day (each day independently)
- Pre-set and adjustable programmes
- Optimum Start
- Holiday mode

\*Please check manufacturer's guidelines







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