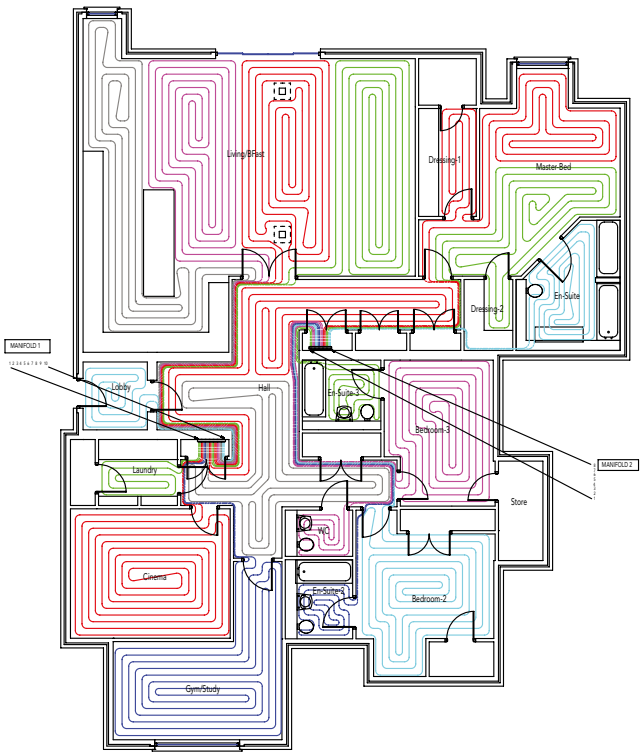




Underfloor heating

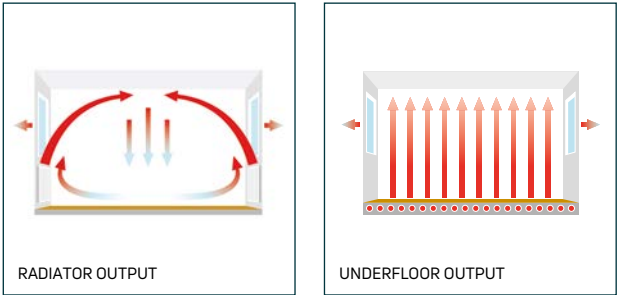
Underfloor heating has been gaining popularity and is widely acknowledged as one of the most effective and efficient methods of heating. It has become the fastest growing market for both domestic and commercial heating sectors. As one of Europe's leading names in heating technology, MYSON FLOORTEC underfloor heating is at the forefront of the underfloor revolution. In addition to our manufacturing and technical expertise, we provide full planning, design and supply services to help you achieve your perfect home.



How it works

MYSON FLOORTEC 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, which works by drawing cold air across your floor, heating it and then convecting it upwards.

The main advantage of MYSON FLOORTEC underfloor heating is its high level of performance. Radiant heat means that the warmth is concentrated where you need it most. You'll enjoy uniform heat, with no cold spots or draughts, and it's perfect for comfort - you won't get cold feet and you will keep a cool head.



Quotation service

MYSON FLOORTEC underfloor heating pride ourselves on our market leading service. We offer a free 48hr quotation service that couldn't be easier. We do all the calculations for you and prepare a detailed quotation. All you need to do is send us your architect's floor plans or measurements and we'll take care of the rest.

E-mail your drawings to: underfloor@myson.co.uk

Post your drawings to:

Myson FLOORTEC Underfloor Heating
Eastern Avenue
Team Valley
Gateshead
Tyne & Wear
NE11 0PG

Alternatively you can call us on **0330 041 5474**

Design service

MYSON FLOORTEC underfloor heating provide a full design service, tailored to individual requirements. Our unique design will relate to your project, however large or small, and will make the installation of our underfloor heating even easier.

Our complete design service starts with an assessment of the customer's needs. We use architects plans to assess heat loss requirements and produce a computerised design of the most efficient layout.

This design service is completely free and carried out by our technical experts, who have years of experience in designing underfloor heating systems. As we are the only

total solutions provider, we can also offer unbiased advice about other forms of heating. For example, it may be more effective to combine underfloor heating with radiators or other heat emitters. If this is the case, then we will provide you with a fully integrated design that includes both underfloor heating and radiators.

All we need to produce your designs are the full architectural drawings. All our drawings are advisory only based on our years of heating expertise.



Quality guaranteed

Every component of a MYSON FLOORTEC Complete Underfloor Heating System has undergone thousands of test cycles. Our underfloor heating systems are regularly assessed for quality by independent international institutions and consistently achieve top marks and quality certificates.

- Guaranteed for all operating conditions
- MYSON is a Member of BEAMA
- All electrical components carry a 2 year warranty from date of installation
- MYSON FLOORTEC offer a comprehensive 10 year pipe warranty
- The Premium Pump Pack comes complete with a 2 year warranty

*Terms and conditions apply. Contact our Underfloor Heating Team for further information.

**MYSON FLOORTEC cannot be held responsible for problems arising from poorly installed systems. All installations must be fitted in accordance with the CIBSE Underfloor Heating Design and Installation Guide 2004.

Complete System Guarantee*

MYSON FLOORTEC underfloor heating also offer a 10 year Complete System Guarantee* that promotes the advantages of both tried and tested component compatibility and correct system design. We are confident that, when installed correctly**, our systems will perform to the highest standards, so eliminating unnecessary problems. Buy a bespoke system from MYSON and our Complete System Guarantee means you will benefit from complete peace of mind.



Training

MYSON FLOORTEC underfloor heating offers free training workshops for installers or developers to show how easy it is to install our underfloor heating systems.

Training takes place at our head office in Gateshead and is carried out by our technical experts, who have years of experience designing and installing underfloor heating systems.

To find out when the next training session is, call **0330 041 5474** or e-mail underfloor@myson.co.uk

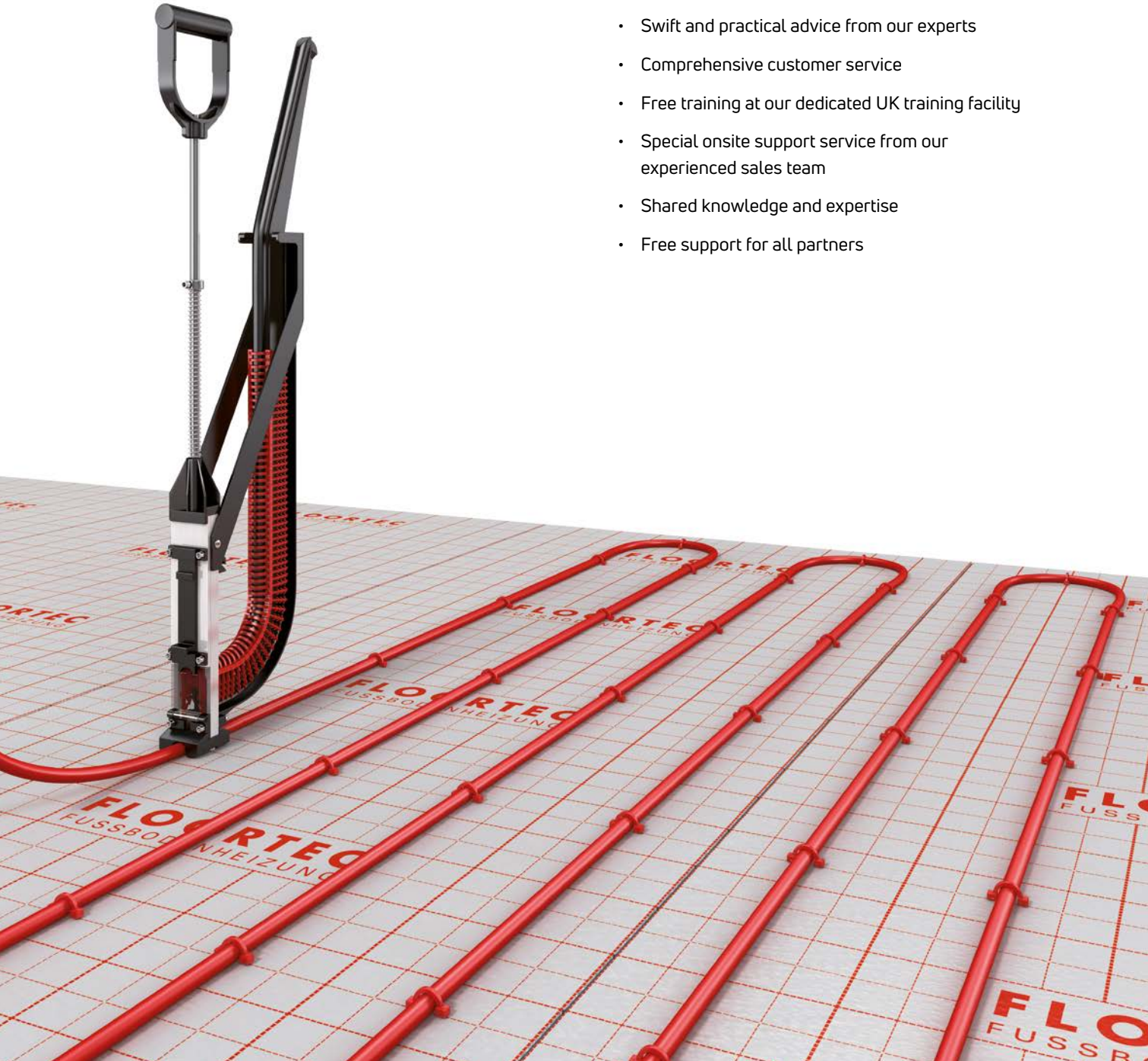
After sales service

Our first class service doesn't stop once we've sold our systems. We want our customers to enjoy the benefits of our systems to the full, and as such we offer a special ServicePlus after sales service.

Our ServicePlus technical support team are available to help you get the most out of our products. Our helpful team of technical advisors are always on hand to answer any questions regarding MYSON FLOORTEC underfloor heating.

We offer:

- Swift and practical advice from our experts
- Comprehensive customer service
- Free training at our dedicated UK training facility
- Special onsite support service from our experienced sales team
- Shared knowledge and expertise
- Free support for all partners





FIXING SYSTEMS

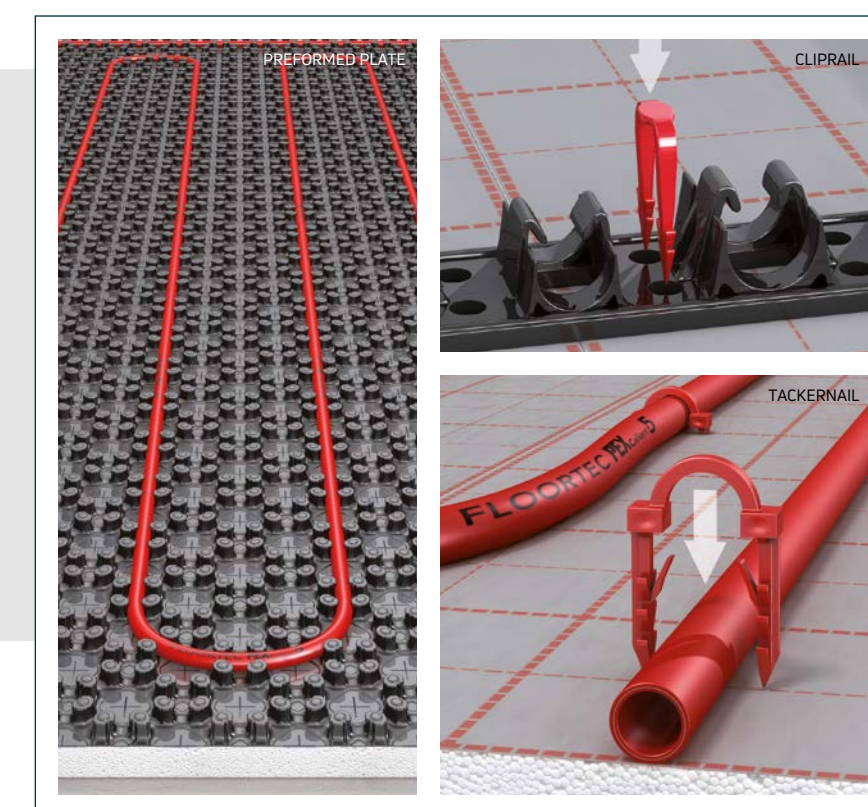
MYSON FLOORTEC underfloor heating offer a full and comprehensive range of fixing systems for all floor types. Our systems are suitable for any project, and include solutions for solid, suspended, floating and retrofit floors.

SOLID FLOORS are a common type of floor system and are cost effective for underfloor heating. Underfloor heating pipes are embedded into concrete or screed.

SUSPENDED FLOORS include joisted floors with conventional joists supported on end walls of sleeper walls as well as solid floors with battens fixed to the floor.

FLOATING FLOOR structures are ideal for underfloor heating as they have a low thermal mass and therefore a rapid response to changes in temperature.

RETROFIT FLOORS allow you to install underfloor heating in older and existing properties without the need for expensive excavation.



UNDERFLOOR HEATING



TACKERNAIL

MYSON FLOORTEC underfloor heating Tackernails are exclusive to MYSON, and are the strongest nail solution available. The Tackernail system is suitable for solid floor types.



The Tackernail is made entirely out of plastic so there is no clogging from sticking tape. It also has more barbs, so there is no worry about nails lifting. The pipe is positioned in place and the Tackernail is fixed over the pipe using a MYSON FLOORTEC Tackertool. The Tackertool is specifically designed to work with our Tackernails for easy and efficient operation. It can be purchased or rented from MYSON FLOORTEC.

Tackernail and Tackertool have been designed with the installer in mind, as it is a fast and effective method of anchoring the MYSON FLOORTEC underfloor heating pipework. It is also very flexible allowing both spiral and serpentine laying patterns.

Please note: No floor insulation is supplied with this fixing system.



 **DELIVERY**
2 - 5 working days.

Description	Order Code
3D Medium (42mm) Tackernail* (Box of 400)	50251
3D Long (58mm) Tackernail* (Box of 400)	50252
3D Tackertool UNI	50253
Red Insulated Pipe Sleeve (20m Roll)	50069
Flexible Pipe Cover (400mm Length)	50078
Expansion Profile (2m)	50076
Expansion Joint Strip (2m)	50077
Border Insulation (30m Roll)	50220
Screed Tape (75m Roll)	50226
25mm PS20 Flatpack Insulation (10m²)	50325

*Tackernails are only compatible with the 3D Tackertool UNI.



CLIPRAIL

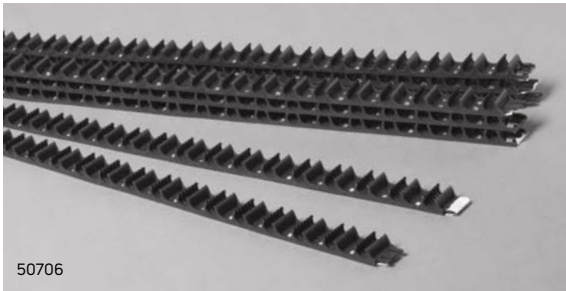
Cliprail systems are for use on solid floor types. The Cliprails are designed to attach the MYSON FLOORTEC underfloor heating pipework to floor insulation (supplied by others) using the adhesive and Cliprail pins supplied.



The Cliprail consists of a robust, u-shaped channel that is 1m in length, with fixing positions every 50mm.

This is a fast and cost effective method of installing underfloor heating and is suitable for both traditional and liquid screeds. The pipe is installed in a serpentine laying pattern.

Please note: No floor insulation is supplied with this fixing system.



 **DELIVERY**
2 - 5 working days.

Description	Order Code
17mm Black Cliprail (1m length)	50706
50mm Red Cliprail Pins (Pack of 500)	50710
Anchor Clips	50228
Red Insulated Pipe Sleeve (10m Roll)	50069
Flexible Pipe Cover (400mm Length)	50078
Expansion Profile (2m)	50076
Expansion Joint Strip (2m)	50077
Border Insulation (30m Roll)	50220
Screed Tape (75m Roll)	50226

UNDERFLOOR HEATING



PREFORMED PLATE

Preformed Plate is a fast and effective fixing system and is ideal for single person installations. It is suitable for solid floor types.



It is a castellated fixing system that comprises of an expanded 11mm polystyrene insulation base with raised burls that are designed to firmly grip the MYSON FLOORTEC underfloor heating pipe. The pipe is fixed easily into the desired pattern by lightly pressing with your foot.

It is suitable for 14 - 17mm pipework and is very flexible, allowing both spiral and serpentine laying patterns.



 **DELIVERY**
2 - 5 working days.

Description	Order Code
Preformed Plate 14 to 17mm Pipe (1500 x 800mm)	50236
Foam Perimeter Tube (100m)	50237
Red Insulated Pipe Sleeve (10m Roll)	50069
Flexible Pipe Cover (400mm Length)	50078
Expansion Profile (2m)	50076
Expansion Joint Strip (2m)	50077
Border Insulation (30m Roll)	50220



NAKED PREFORMED PLATE

Naked Preformed Plate is a fast and effective fixing system and is ideal for single person installations. It is suitable for solid floor types.



It excludes the 11mm polystyrene insulation that comes with Preformed Plate and is a cost-effective alternative. It is more streamlined and therefore ideal for areas where space is critical. It is a castellated fixing system with raised burls that are designed to firmly grip the MYSON FLOORTEC underfloor heating pipe. The pipe is fixed easily into the desired pattern by lightly pressing with your foot.

It is suitable for 14 - 17mm pipework and is very flexible, allowing both spiral and serpentine laying patterns.




 **DELIVERY**
2 - 5 working days.

Description	Order Code
Naked Preformed Plate 14 to 17mm Pipe (1440 x 840mm)	50537
Fixing Dowel	50538
Red Insulated Pipe Sleeve (20m Roll)	50069
Flexible Pipe Cover (400mm Length)	50078
Expansion Profile (2m)	50076
Expansion Joint Strip (2m)	50077
Border Insulation (30m Roll)	50220
Foam Perimeter Tube (100m)	50237



MICROPLATE

Suitable for multiple build types, achieving the appearance, functionality and performance of a solid floor.

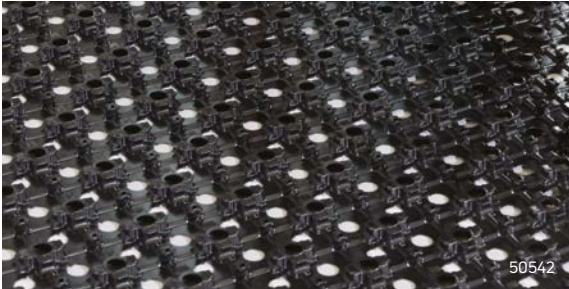


MICROPLATE WITH INSULATION ABOVE SLAB

The MicroPlate panel can easily be installed by a single person. MicroPlate is a secure pipe holder and becomes an integral part of the floor structure once latex screed has been applied, making the plate resistant to impact. Ultra low lift system at only 15mm utilising a 12mm pipe.




MICROPLATE WITH INSULATION BELOW SLAB




 **DELIVERY**
2 - 5 working days.

Description	Order Code
15mm MicroPlate panel with adhesive (1000 x 600mm)	50542



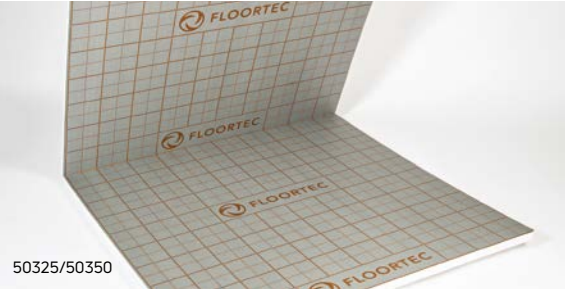
TACKER

Tacker fixing system is suitable for solid floor types and incorporates all the advantages of our Tackernail fixing system.



It is supplied with 25mm insulation with a webbing foil bonded to the surface. This foil acts as a protective layer, but also helps to assist the positioning of the pipework with a handy 50mm grid marked on. The pipe is then positioned in place using our exclusive Tackernails and Tackertool. It is also very flexible allowing both spiral and serpentine laying patterns.

The Tackernail is made entirely out of plastic so there is no clogging from sticking tape. It also has more barbs, so there is no worry about nails lifting. The Tackertool is specifically designed to work with our Tackernails for easy and efficient operation. It can be purchased or rented from MYSON FLOORTEC.



 **DELIVERY**
2 - 5 working days.

Description	Order Code
25mm PS20 Flatpack Insulation (10m ²)	50325
3D Medium (42mm) Tackernail* (Box of 400)	50251
3D Long (58mm) Tackernail* (Box of 400)	50252
3D Tackertool UNI	50253
Red Insulated Pipe Sleeve (20m Roll)	50069
Flexible Pipe Cover (400mm Length)	50078
Expansion Profile (2m)	50076
Expansion Joint Strip (2m)	50077
Border Insulation (30m Roll)	50220
Screed Tape (75m Roll)	50226

*Tackernails are only compatible with the 3D Tackertool UNI.



PLATED

Suspended floor systems include both joisted floors with conventional joists supported on end walls of sleeper walls, as well as solid floors with battens fixed to the floor.



50550



SUBPLATE

MYSON SUBPLATE is suitable for use on both traditional and composite joists and is ideal for situations where the floor coverings are already in place.



50555

The underfloor heating system consists of aluminium diffusion plates fitted between joists or battens. These are grooved to accept the underfloor heating pipework. The aluminium plate is used for its excellent thermal conduction as well as its low weight. It is suitable for 16 and 17mm pipework.



50548

50548

This system consists of an aluminium diffusion plate, fitted on the underside of the floor between the joists.

SUBPLATE is available in two width sizes, 150mm and 250mm, giving pipe centre flexibility depending on your joist configuration. For advice on using this system in alternative configurations, please speak with our technical department on **0330 041 5474**.



50555



50556



DELIVERY
2 - 5 working days.

Description	Order Code
Double Floor Plate (1000 x 388mm)	50550
3 Channel Floor Plate (1000 x 388mm)	50548
3 Channel Floor Plate (1000 x 588mm)	50553



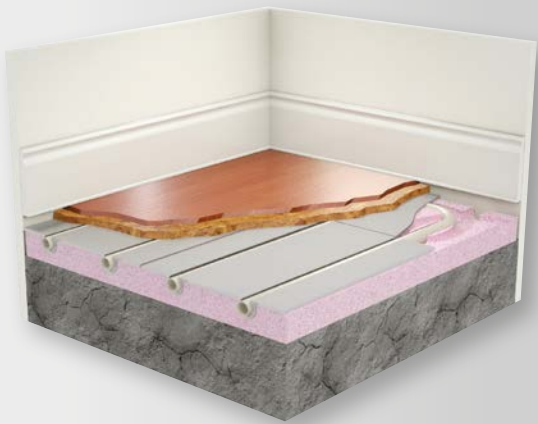
DELIVERY
2 - 5 working days.

Description	Order Code
SUBPLATE (250 x 1000mm)	50555
SUBPLATE (150 x 1000mm)	50556

UNDERFLOOR HEATING

FLOATING FLOOR

The MYSON FLOORTEC floating floor system has been uniquely developed to meet the increasing demand for this type of flooring structure.



Floating floor systems have a low thermal mass and consequently have a swift response time to changes in temperature. Floating floors also reduce the overall load on the building, minimising the weight of the floor compared to the other floor systems. It is suitable for 16mm multi-layer pipework only.

The grooves are designed to accept MYSON FLOORTEC preformed aluminium diffusion plates, which spread the heat laterally across the floor from the heating pipework.

Technical data

	30/40/50mm Panel
Nominal Density (Kg/m³)	30
Thermal Conductivity (W/mK)	0.029
Minimum Compressive Strength (kPa)	200
Long Term Static Load (kPa)	Design Loads*
Occasional Loading (kPa)	Design Loads*
Water Vapour Resistance (MNs/gm)	480
Moisture Absorption (by vol.)	0.3%
Continuous Service Temp Limits (°C)	-50 to +75

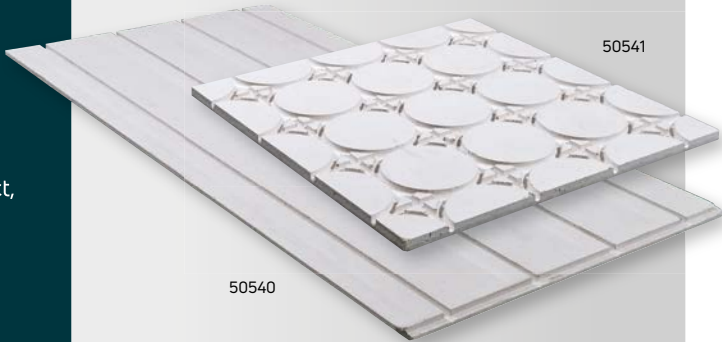
*Design loads by calculated methods (BBA)

DELIVERY
2 - 5 working days.

Description	Order Code
30mm XPS Floating Floor Panel (2400 x 1200mm)	50545
40mm XPS Floating Floor Panel (2400 x 1200mm)	50546
50mm XPS Floating Floor Panel (2400 x 1200mm)	50547
Flat Floor Plate (1000 x 400mm)	50552
Double Floor Plate (1000 x 388mm)	50550
Compact Pipe De-Coiler	50018
Hot Cutter	50008

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.



At only 18mm in depth it allows for underfloor heating to be easily installed into older and existing properties without the need for expensive and disruptive excavation.

It is available in two panel types, straight and return, and our 12mm PEXcellent5 pipe is easily laid into the panels.

Technical data

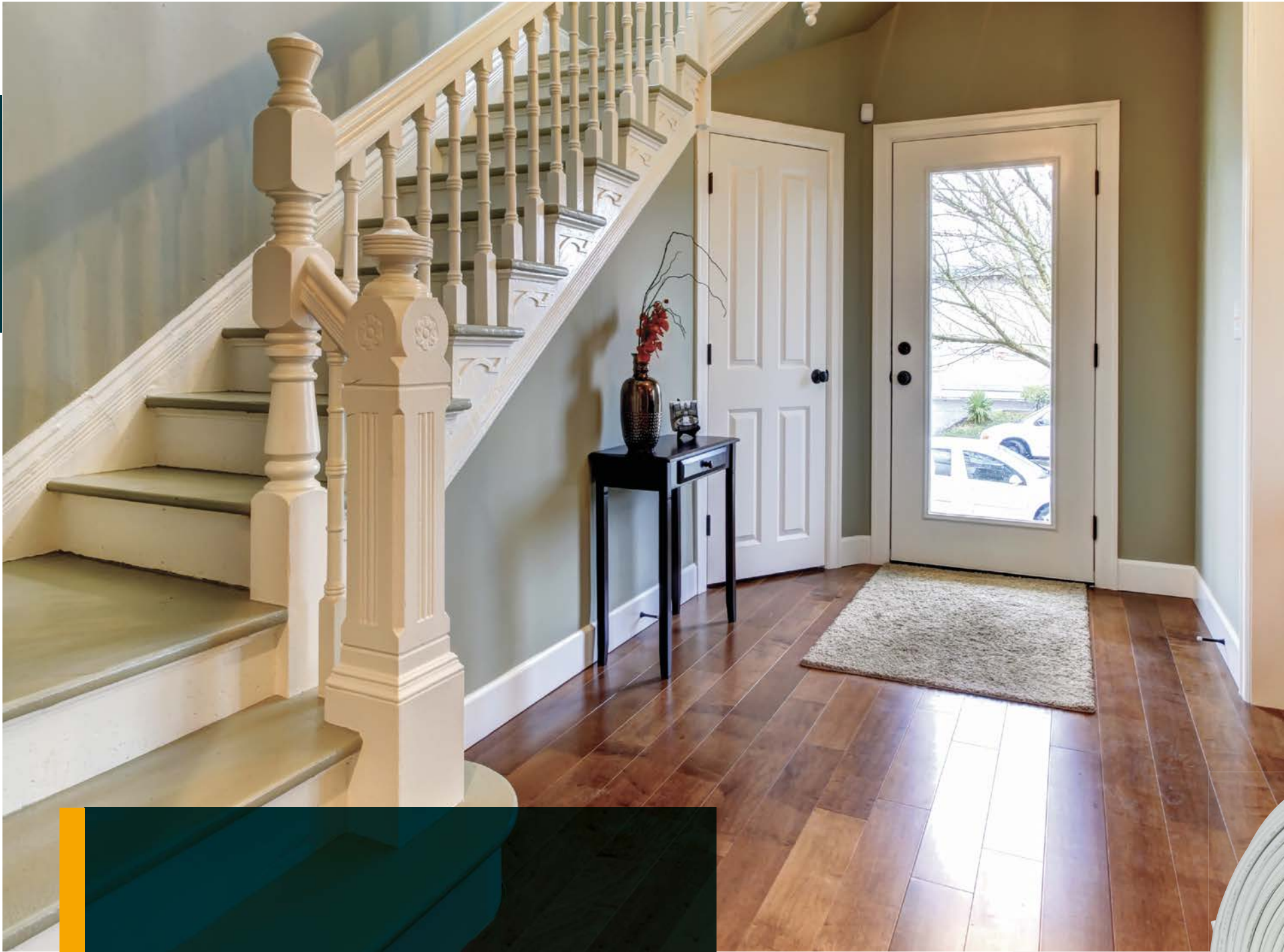
	18mm Board
Density (Kg/m³)	1150±50
Thermal Conductivity (W/mK)	0.32
Minimum Compressive Strength (kPa / N/mm²)	8500 / 8.5
Airborne Sound (Rw)	28dB
Impact Sound (Ln,w)	86dB
Specific Heat Capacity (kJ/kgK)	1.1



DELIVERY
2 - 5 working days.

Description	Order Code
Straight Board (1200 x 600 x 18mm)	50540
Return Board (600 x 600 x 18mm)	50541

UNDERFLOOR HEATING



MYSON has been manufacturing FLOORTEC underfloor heating pipe since 1974. Our plant, based in Germany, combines all the advantages of precision German engineering with our own unrivalled expertise in the field of heating.

MYSON produce a full range of quality FLOORTEC pipework that is suitable for all of our fixing systems. Our pipe is environmentally friendly and quality guaranteed and conforms to all European quality standards, being tested to DIN4726 and BS7291-1:2001. It comes as part of our 10 year Complete System Guarantee, so you can be confident you are installing the best pipe available on the market.

We offer two types of pipe, 12, 17 and 20mm PEXcellent5 and 16mm multi-layer pipe.



PIPE



MULTI-LAYER PIPE

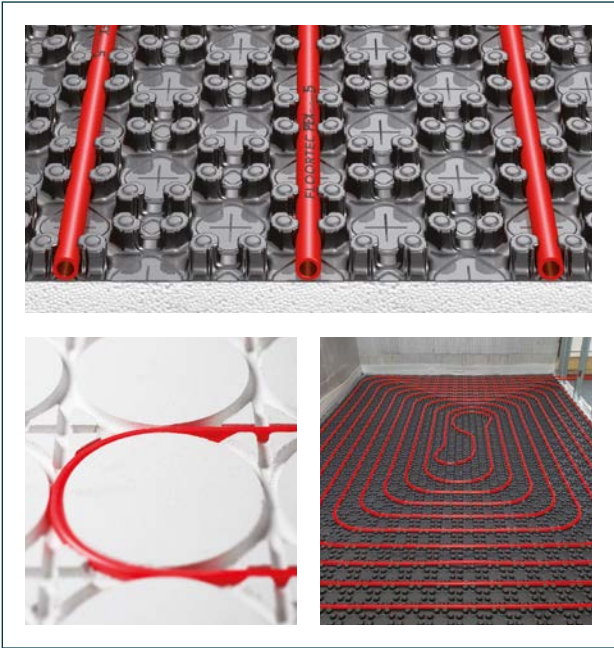


PEXCELLENT5

MYSON FLOORTEC PEXcellent5 underfloor heating pipe is a polyethylene pipe with five layers, which includes an integral oxygen barrier.




It is available in 12mm, 17mm and 20mm diameters and is compatible with most MYSON FLOORTEC heating systems, including MICROBOARD, our low-profile heating system. It is environmentally friendly and is produced with no chemical additives in either the production or disposal processes. It is quality guaranteed for 10 years and conforms to DIN4726 and BS7291-1:2001.




 **DELIVERY**
2 - 5 working days.

Description	Order Code
PEXcellent5 pipe 17 x 2mm (80m Coil)	54046
PEXcellent5 pipe 17 x 2mm (120m Coil)	54047
PEXcellent5 pipe 17 x 2mm (200m Coil)	54048
PEXcellent5 pipe 17 x 2mm (600m Coil)	54049
PEXcellent5 pipe 20mm (500m Coil)	54050
PEXcellent5 pipe 12mm (80m Coil)	54055
PEXcellent5 pipe 12mm (120m Coil)	54056
PEXcellent5 pipe 12mm (240m Coil)	54057

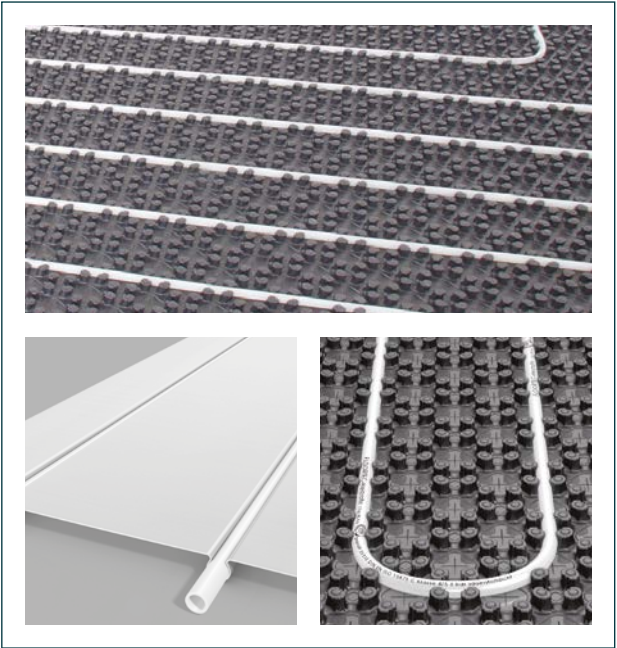


MULTI-LAYER

MYSON FLOORTEC's multi-layer pipe is available in 16mm diameter. It is a flexible pipe, making it extremely easy to install.

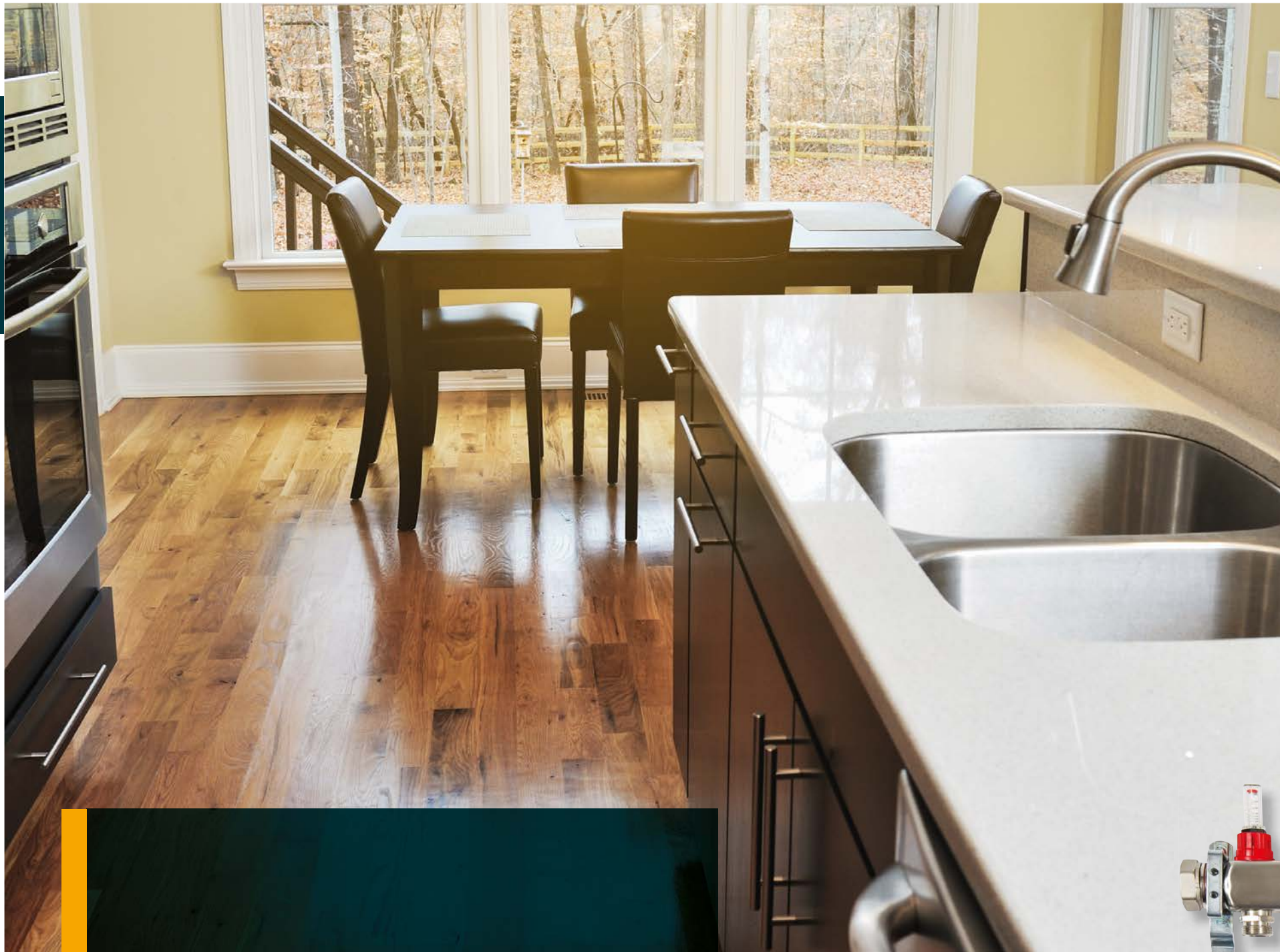


It is compatible with most MYSON FLOORTEC underfloor systems, the only exception being MICROBOARD, where specially manufactured 12mm pipe is required. It is quality guaranteed for 10 years and conforms to DIN4726 and BS7291-1:2001.



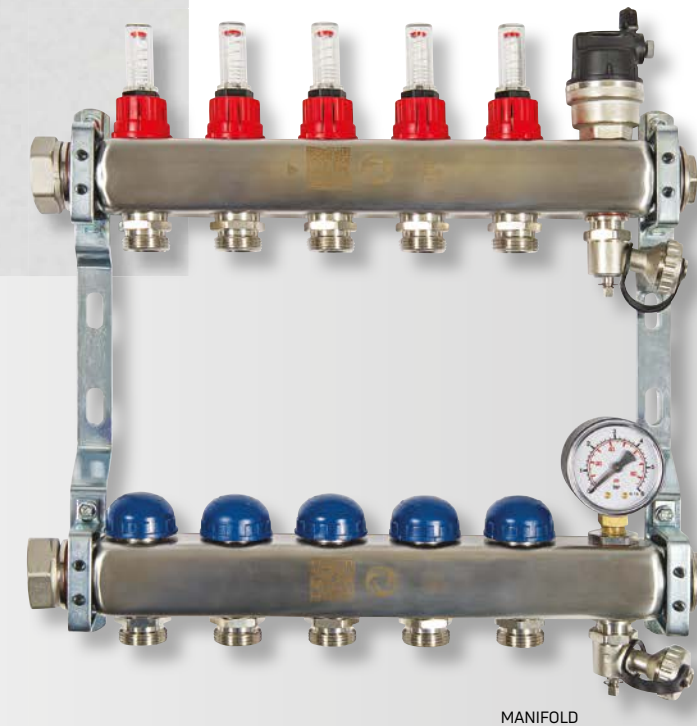
 **DELIVERY**
2 - 5 working days.

Description	Order Code
Multi-layer pipe 16 x 2mm (100m Coil)	53002
Multi-layer pipe 16 x 2mm (200m Coil)	53005
Multi-layer pipe 16 x 2mm (400m Coil)	53004



MYSON FLOORTEC underfloor heating offer a full range of quality controls to ensure that you get the most out of our underfloor heating systems. Our controls are designed by our heating experts to meet the requirements of our customers and will perfectly complement our systems.

Controls are an essential part of every underfloor heating system. Each system requires at least one manifold, control centre, wiring centre and thermostat. MYSON FLOORTEC supply quality manifolds, isolating and blending valves and an A-rated pump. MYSON FLOORTEC also supplies wiring centres as well as a range of thermostats from basic digital thermostats to WiFi enabled touch controls and fully integrated smart controls.



UNISENZA WiFi

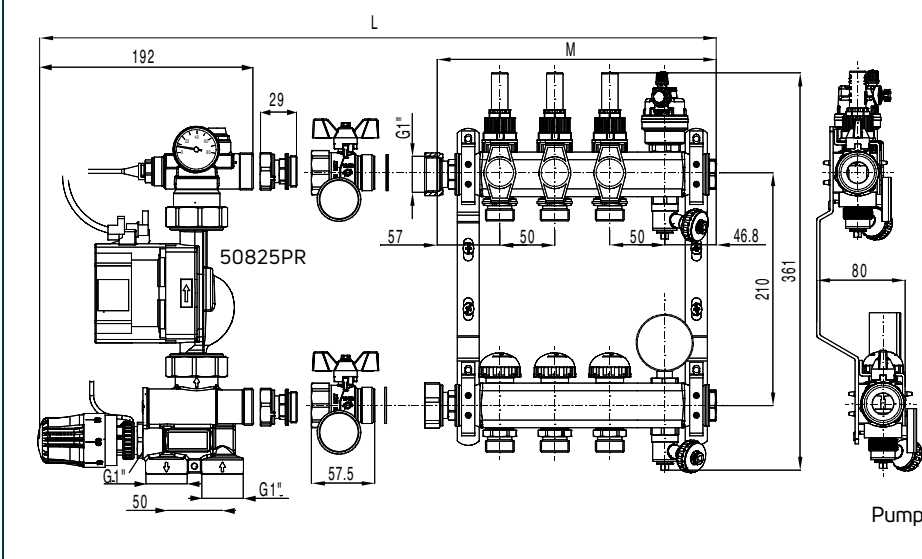
CONTROLS



PREMIUM MANIFOLDS

The MYSON FLOORTEC underfloor heating manifold is the central point to most underfloor heating systems. The manifold is responsible for distributing mixed water provided by the manifold control centre to each heating circuit.

Premium manifold & pump pack - manifold dimension details 2-12 port



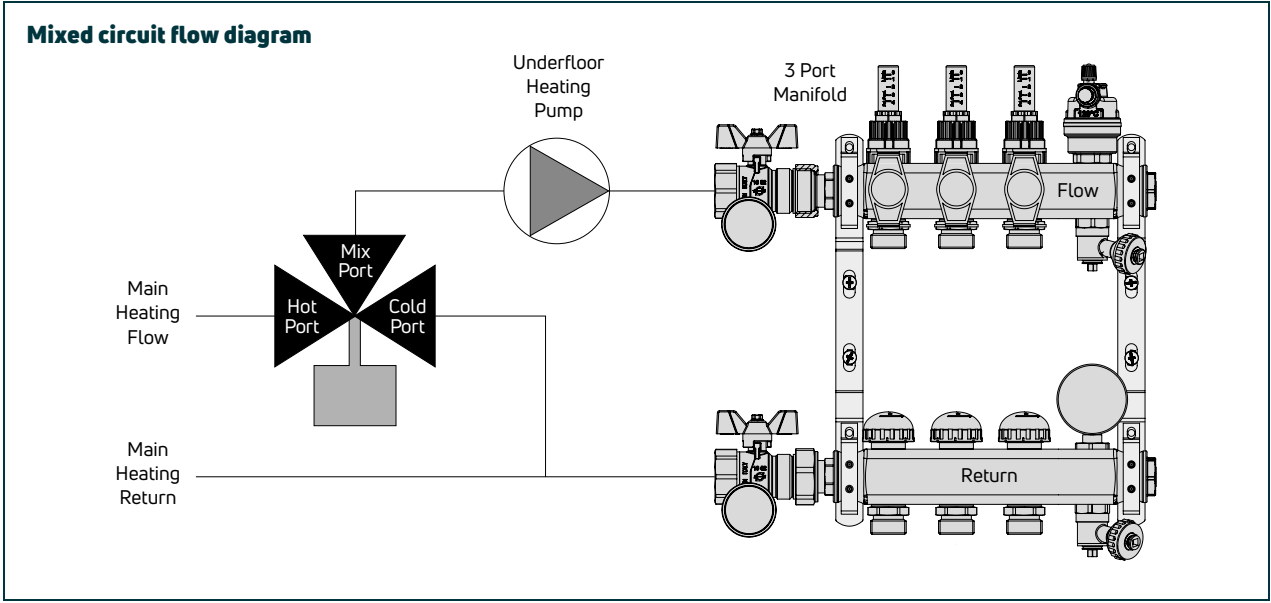
Number of Ports	Manifold Length(M) (±1mm)	Total Length(L) (±1mm)
2	204	454
3	254	504
4	304	554
5	354	604
6	404	654
7	454	704
8	504	754
9	554	804
10	604	854
11	654	904
12	704	954

Pump pack and manifold sold separately.

MYSON have introduced their premium manifold as part of the complete bespoke system that is more compact, easier to use, and comes complete with all fittings and fixtures.

It is neat and compact in size and has a number of features and benefits that make it one of the leading manifolds on the market.

An instructional video for flow meters can be viewed on our **YouTube channel**



 **DELIVERY**
2 - 5 working days.

Premium manifolds

Description	Order Code
2 port Premium Manifold	99302PR
3 port Premium Manifold	99303PR
4 port Premium Manifold	99304PR
5 port Premium Manifold	99305PR
6 port Premium Manifold	99306PR
7 port Premium Manifold	99307PR
8 port Premium Manifold	99308PR
9 port Premium Manifold	99309PR
10 port Premium Manifold	99310PR
11 port Premium Manifold	99311PR
12 port Premium Manifold	99312PR
Pipe Bend Support 14-17mm	50070
Pipe Bend Support 18-23mm	50071
¾" Blanking Cap	53084

Adaptors

Manifold Coupling for 17 x 2mm Pex	50114
Straight Coupling for 17 x 2mm Pex	50010
Straight Coupling for 14 x 2mm Pex	50020
Manifold Coupling for 20 x 2mm Pex	50113
Straight Coupling for 20 x 2mm Pex	50011
Manifold Coupling for 16 x 2mm Multi-layer	53033
Straight Coupling for 16 x 2mm Multi-layer	53032
15mm Copper Adaptor	40213
14mm x ½" Male Iron Adaptor	50115
17mm x ½" Male Iron Adaptor	50116
Coupling Central Core	50009
Manifold Coupling for 12 x 2mm Pex	50118
Straight Coupling for 12mm x ½" Male Iron Adaptor	50013
1" Straight Swivel Adaptor	99329PR
Standard Connections	50830
Eccentric Connections	50827



PREMIUM PUMP PACK

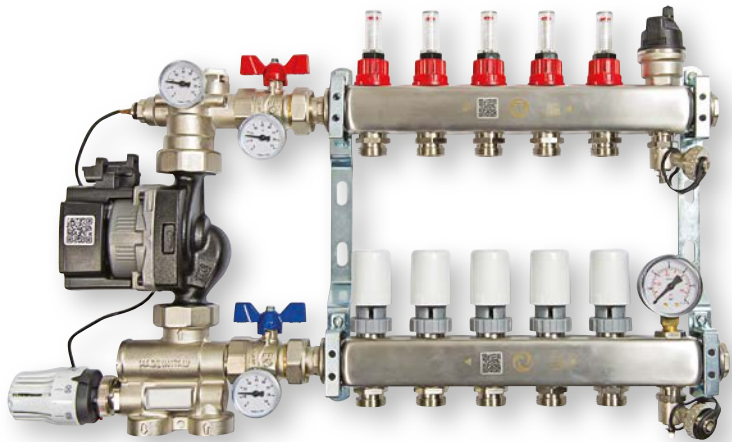
The next generation pump pack from MYSON FLOORTEC works alongside the premium manifold to control the underfloor heating system, allowing it to work at a lower flow temperature.



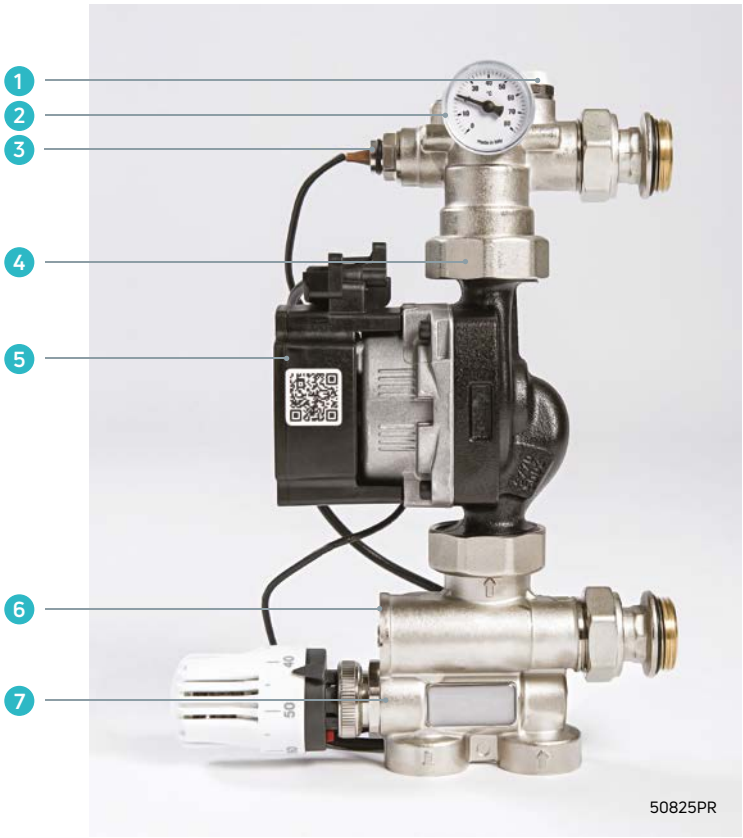
50825PR

The pump pack is compatible with all MYSON manifolds, including the leading premium manifolds and is easily installed.

The fully assembled premium pump pack has all the advantages of before, including a high efficiency circulating pump which now comes assembled with a thermostatic mixing valve complete with integral non-return valve and flow regulating valve ideal for balancing large systems.



99305PR



50825PR

- 1 Manual air vent
- 2 0-80°C Temperature gauge
- 3 Remote sensing probe
- 4 Non-return valve
- 5 Grundfos UPM3 high efficiency circulating pump
- 6 Flow increase valve
- 7 Thermostatically controlled mixing valve

 **DELIVERY**
2 - 5 working days.

Description	Order Code
'A' Rated Pump Pack	50825PR
'A' Rated Single Zone Control Unit	50810A
Y-Splitters (Pair)	53036VN
22mm Mixing Valve	52014

UNDERFLOOR HEATING



WIRING CENTRES & THERMOSTATS

Wiring centres

MYSON FLOORTEC wiring centres come in two different types. A low voltage version for a 24V power supply and a 230V version for a 230V power supply. The wiring centre controls the thermostats and actuators.



50437

Wiring centres & accessories

Description	Order Code
230V Actuator Head	50442
24V Actuator Head	50443
230V Wiring Centre - 10-Way	50437
24V Wiring Centre (includes transformer)	50438
230V Wiring Centre - 4-Way	50597
230V Wiring Centre - 5-Way	50436

Dial Thermostats

The MYSON UNISENZA dial thermostat is simple to use, wall mounted and allows for the control of underfloor heating and cooling with a single device. Modern and discrete design with a white matt finish. Available in 24V or 230V.



50430/50431

Digital Thermostats

The MYSON UNISENZA digital room thermostat can be simply set for ideal temperature control using the intuitive user display. External sensor can be used for remote air, floor or limit functions. Available in 24V or 230V.



50432/50433

Programmable Thermostats

The MYSON TOUCH range of programmable thermostats allow you to set different room temperatures for the morning, day, evening and night time. The range includes the MYSON TOUCH and MYSON TOUCH RS with remote sensor, primarily designed for underfloor systems. Suitable with a 230V wiring centre.



50516



DELIVERY
2 - 5 working days.

Thermostats & programmers

Description	Order Code
UNISENZA Dial Thermostat - 230V	50430
UNISENZA Dial Thermostat - 24V	50431
UNISENZA Digital Thermostat - 230V	50432
UNISENZA Digital Thermostat - 24V	50433
Touch Screen Thermostat - 230V	50516
TOUCH c/w Remote Sensor	50517
TOUCH2 WiFi Thermostat	50520
TOUCH2 WiFi Thermostat and Hub	50521
230V UNISENZA WiFi Thermostat	50434
24V UNISENZA WiFi Thermostat	50435
MPRT RF Programmable Thermostat	50511
MEP1c Single Channel Programmer	50808

WiFi Thermostats

MYSON programmable WiFi thermostats will always allow you to control your heating from anywhere in the world. Easy to set up and configure on your smart phone or tablet via the MYSON Apps. 50520 suitable with 230V wiring centre only.



50434/50435



50520

RF Thermostat

The MYSON MPRT is an easy to use programmable radio frequency room thermostat. It utilises Smart Start technology which could save up to 10% on heating bills. Suitable with a 24V or 230V wiring centre.



50511

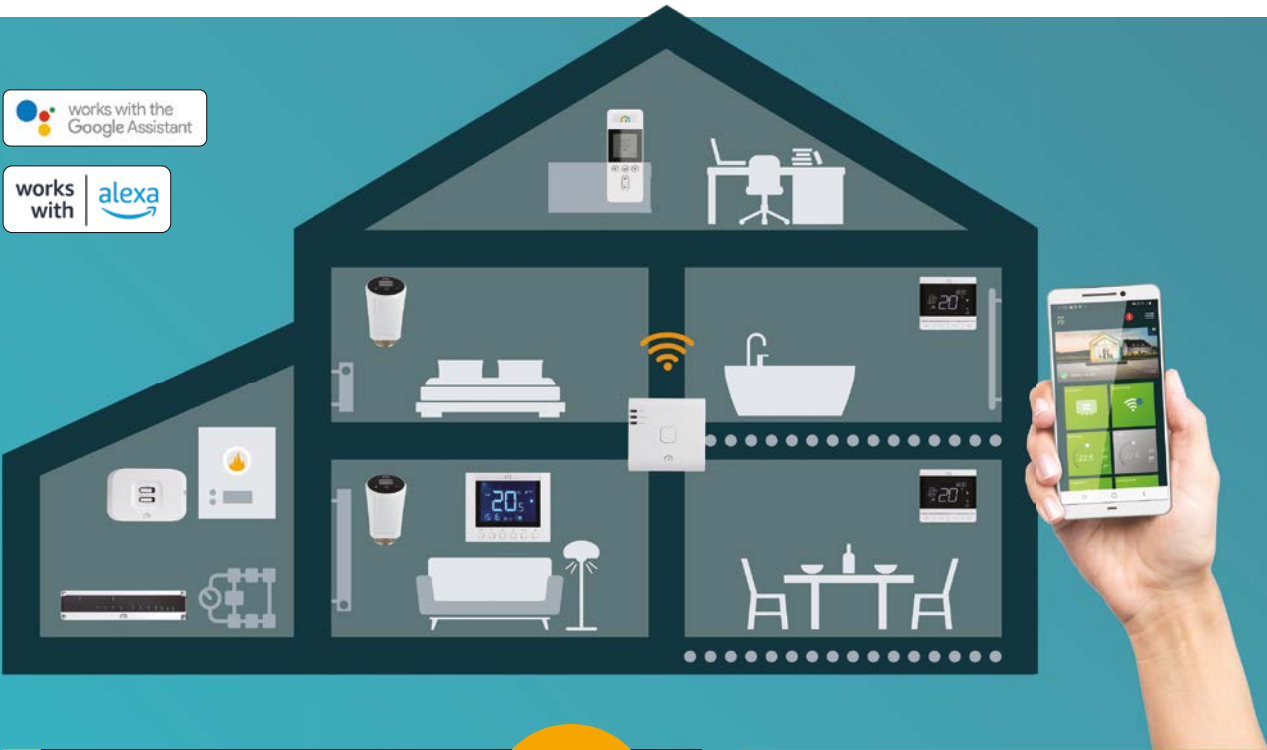
Programmer

The MYSON MEP1c is a single channel time switch for use with combi boilers, or as a domestic hot water control when using a programmable thermostat for the central heating circuit.



50808

UNDERFLOOR HEATING



NEW!

UNISENZA PLUS

UNDERFLOOR HEATING SMART CONTROLS

UNISENZA PLUS represents a wireless control solution that allows users to easily connect and control numerous heating and cooling devices via an intuitive app.

Download the **UNISENZA PLUS** app for wireless connection and control

- Intuitive UNISENZA PLUS app enables centralised comfort control and energy efficiency
- Add additional gateways, eg. holiday homes, and control within the same app
- Connects via Wireless Local Area Network (WLAN) where no internet connection (no additional hub required)

To create a better future for ourselves, future generations, and the planet, we need to be strategic. Smart heating solutions, such as UNISENZA PLUS wireless controls, guide us towards an indoor climate that is both comfortable and sustainable.

With only a few components such as the UNISENZA PLUS Gateway, wired or wireless room thermostat, receiver and underfloor heating wiring centre, it's easy to make different combinations and configure an entire building by means of a single control range. Users can then monitor and control all the products via the UNISENZA PLUS app wherever and whenever they want.

General specification

- GUARANTEE**
5 year guarantee from date of purchase against manufacturing defects.
- IP RATING**
IP20.
- DELIVERY**
2 - 5 working days.



UNISENZA PLUS UFH Thermostat RF - 2 Channel*

- Wireless room thermostat with Zigbee 3.0 protocol
- Two independent channels for controlling heating, cooling and/or time control for domestic hot water
- Coupling option to connect up to 6 ETHs to the thermostat and control together via thermostat and/or app
- Coupling option with the UNISENZA PLUS UFH Receiver RF
- Geolocation – optional and flexible temperature management through presence detection

UNISENZA PLUS UFH Gateway*

- Central link between devices and to the intuitive UNISENZA PLUS app
- Integration of the latest Zigbee 3.0 wireless technology
- Connects up to 100 end devices with the UNISENZA PLUS app
- Connectivity to smart home systems such as Alexa or Google Home
- Easy to adjust the temperature in individual rooms
- Create and manage one or more comfort zones
- Easy cloud connection – connects multiple devices to the cloud through an Internet router with a WiFi or Ethernet cable connection

UNISENZA PLUS UFH Wiring Centre

- Wiring centre that can control up to 8 different RF room thermostats and 3 actuators per terminal
- Wireless connection between the RF room thermostats and wiring centre
- Zones can be assigned manually or via the UNISENZA PLUS app
- Enables heating and/or cooling
- Versatile application options such as controlling heating and cooling generators, pump protection function, external dew point monitoring, etc.

UNISENZA PLUS UFH Receiver RF*

- Wireless control of a boiler, pump or zone valves in a central heating system
- 2 channels for controlling heating/cooling and domestic hot water time control
- Connect and control up to 16 ETH's with the receiver
- Coupling functions with the various UNISENZA PLUS Thermostats, the Electronic Thermostatic Head (ETH) and the wiring centre
- Integrated OpenTherm Controller function with automatic OT/+ interface detection for integration with other OpenTherm devices

UNISENZA PLUS UFH Thermostat Wired

- 230V wired room thermostat for heating and/or cooling (24V available on request)
- Installation in standard flush-mounted box
- Ultra-slim design, only 25mm deep (visible protrusion on wall only 10mm)
- Can be used with or without UNISENZA PLUS Gateway
- Geolocation – optional and flexible temperature management through presence detection
- Floor sensor and discreet air sensor available

UNISENZA PLUS UFH Thermostat RF

- Wireless room thermostat for both new build and renovation projects
- Suitable for retrofit to existing underfloor systems
- Integrated battery can be easily charged via a USB cable
- Ultra-slim design with a total depth of just 10mm
- Integrated humidity sensor for dew point protection in cooling mode
- Easy wall mounting using an innovative wall bracket
- Floor sensor and discreet air sensor available

Description	Order Code
UNISENZA PLUS UFH Thermostat RF - 2 Channel	50445
UNISENZA PLUS UFH Receiver RF	50446
UNISENZA PLUS UFH Gateway	50447
UNISENZA PLUS UFH Thermostat 230V	50448
UNISENZA PLUS UFH Thermostat RF	50449
UNISENZA PLUS UFH Wiring Centre RF	50450

*A standard single zone heating system will require a gateway, 2-channel thermostat and receiver.



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. The single room packs are for water-based heating and are available in a range of sizes to suit various room layouts. Area packs are supplied with 17/2mm pipework, although other pipework is available on request. Punch Packs are supplied with 16mm multi-layer pipe.


The single room packs contain everything you need for underfloor heating in one handy box and are available in pack sizes from 12m² to 40m². They also include a touch screen thermostat.





AREA PACKS

MYSON FLOORTEC offer a range of single room packs for screeded and joisted floor types. They are available for a range of fixing systems and are ideal for smaller areas, extensions and refurbishments.



The packs are supplied with everything you need, including 17/2mm PEXcellent5 pipe and a touch screen thermostat.



 **DELIVERY**
2 - 5 working days.

Description	Order Code
Underfloor Heating Pack - Cliprail 12m ²	CLIPRAIL12AY
Underfloor Heating Pack - Cliprail 15m ²	CLIPRAIL15AY
Underfloor Heating Pack - Cliprail 20m ²	CLIPRAIL20AY
Underfloor Heating Pack - Cliprail 30m ²	CLIPRAIL30AY
Underfloor Heating Pack - Cliprail 40m ²	CLIPRAIL40AY
Underfloor Heating Pack - Preformed Plate 12m ²	PFP12AY
Underfloor Heating Pack - Preformed Plate 15m ²	PFP15AY
Underfloor Heating Pack - Preformed Plate 20m ²	PFP20AY
Underfloor Heating Pack - Preformed Plate 25m ²	PFP25AY
Underfloor Heating Pack - Preformed Plate 30m ²	PFP30AY
Underfloor Heating Pack - Preformed Plate 40m ²	PFP40AY
Underfloor Heating Pack - Naked Preformed Plate 12m ²	NAKEDPFP12AY
Underfloor Heating Pack - Naked Preformed Plate 15m ²	NAKEDPFP15AY
Underfloor Heating Pack - Naked Preformed Plate 20m ²	NAKEDPFP20AY
Underfloor Heating Pack - Naked Preformed Plate 25m ²	NAKEDPFP25AY
Underfloor Heating Pack - Naked Preformed Plate 30m ²	NAKEDPFP30AY
Underfloor Heating Pack - Naked Preformed Plate 40m ²	NAKEDPFP40AY
Underfloor Heating Pack - Plated 12m ²	PLATED12AY
Underfloor Heating Pack - Plated 15m ²	PLATED15AY
Underfloor Heating Pack - Plated 20m ²	PLATED20AY
Underfloor Heating Pack - Plated 30m ²	PLATED30AY
Underfloor Heating Pack - Plated 40m ²	PLATED40AY

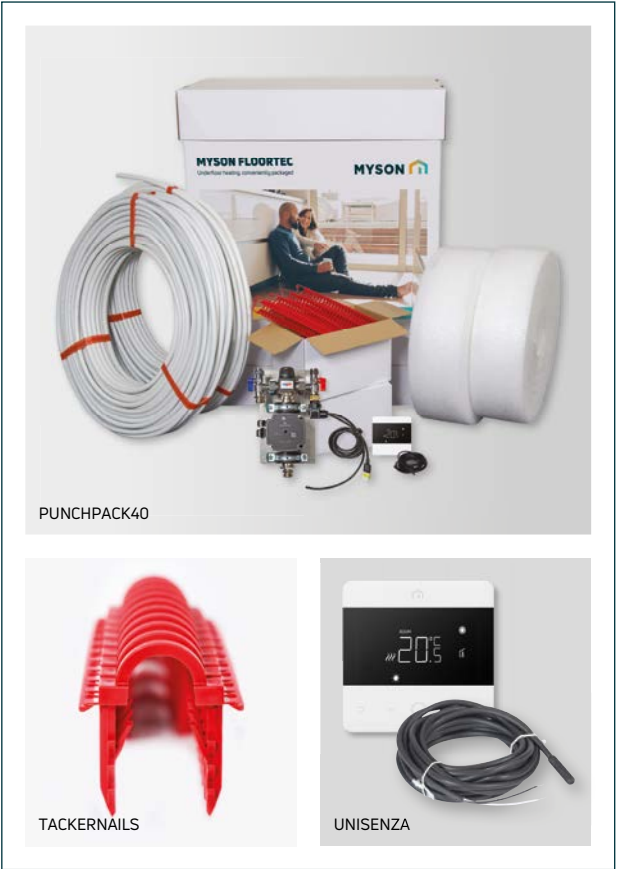


PUNCH PACKS

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 and come with MYSON's innovative Tackernails, so are easy to install, and everything you need is in one handy box.



They also come with 16mm multi-layer pipe, our A-rated single zone control unit and a MYSON thermostat complete with floor sensor. They are available in 20m² and 40m² pack (based on 200mm spacings). They're a cost effective solution for underfloor heating and backed by MYSON FLOORTEC's technical support and product guarantees.



 **DELIVERY**
2 - 5 working days.

Description	Order Code
Punch Pack 20	PUNCHPACK20
Punch Pack 40	PUNCHPACK40