



"UHM are quick and efficient at returning quotations. The staff in the office are very helpful and knowledgeable with any query you may have. With regards to support from the area representatives it is second to none. I use UHM for underfloor quotations due to all of this. Deliveries are next day unless stock is low, but in this instance, you are informed of your expected delivery date. Great company to support and work alongside"

Stacey Worth - Customer



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Say hello to cosy! Outstanding underfloor heating supplied by the experts.

Say farewell to radiators and large heating bills by choosing a Thermalfloor Underfloor Heating System for your new home.

Our energy efficient system spreads warmth evenly throughout each room to create a comfortable and relaxing living environment for your office or home and frees up wall space, which is one of the huge benefits of having underfloor heating.

Why choose Thermalfloor Underfloor Heating for your home?

Maintenance free and guaranteed for life!

Our continuous pipe system is virtually maintenance free with no risk of leaks, and our custom-designed Thermalfloor Underfloor Heating System comes with a lifetime guarantee from the manufacturer for all pipework. That's a lifetime of warmth and comfort! Once your system is installed, you'll never have to think about heating your room again.

Bespoke designs specifically for your needs.

Before you place your order, your underfloor heating system will be designed to suit your needs.

We're trusted experts with 25 years of experience

Thermalfloor Underfloor Heating is a branch of UHM, the well-respected underfloor heating specialists. As one of the leading pioneers of the underfloor heating industry, UHM began supplying underfloor heating systems over 25 years ago.

We only use the highest quality products and equipment

Known for sheer excellence, we only use the highest quality components, sourced from well-known, trusted manufacturers based in Europe. What's more, we are able to offer highly competitive pricing when it comes to your order.

Affordable while saving you money

Our well-designed and robust systems are incredibly affordable, giving you access to the best prices on the market. Our underfloor heating systems use lower water temperatures which means you can expect a saving on your heating bills of around 15%.

Experience and Customer service

With over 100 years of combined experience within the industry we are able to provide expert product support when it comes to your order.

It doesn't matter if you've installed underfloor heating a hundred times or if it's your first job, we can guide you every step of the way, and our knowledgeable area representatives are on hand should you need them.

We're very proud of our trusted reputation and our customer services is second to none, this is why we are the preferred choice for many leading trade partners.



Fast quotations

We often beat our same day quotations record by getting a quote to you within only 2 hours, and always within 24 hours.



Quality components

We only use top quality components in our installs. All custom-designed Thermalfloor Underfloor Heating Systems come with a lifetime guarantee from the manufacturer for all pipework



Within 24 hours

Free next day delivery as standard on all Underfloor Heating Kits *Cut off time of 2pm (excluding weekends).



Saving you money

Our underfloor heating systems use lower water temperatures which means you can expect an energy saving of around 15%, saving you money on your heating bills.

"I have been using UHM products for a number of years .The quality of the product and the service they provide are second to none. You can always speak to someone with any questions and the quotations are always turned round in 24 hours or less! I would thoroughly recommend their service and product to any installers."

Mark Allen - Installer



Our products

Henco Pipe

Does quality come from a piece of paper?

We believe that the best guarantee of quality doesn't come from a piece of paper but by using a manufacturer that has never had a pipe failure, performs stringent tests at every step and continues to invest in their production processes.

Having the pipe embedded in concrete or anywhere under your floor means that it is essential to have complete confidence that it will stand the test of time.

Henco's pipe is one of only a few that is made using crosslinked polyethylene. What this means is that you can expect greater life expectancy than pipes made with inferior plastic as well as greater heat output. The added aluminium barrier only increases this advantage and also gives it "memory" when manipulated. The installer will find that being able to bend the pipe and have it stay in place will greatly reduce the amount of time and energy needed to install a system.

- Multi-Layer composite construction
- "Memory" – Retains its shape when bent
- Up to 10 bar working pressure
- Up to 95° C working temperature
- 100% oxygen impermeable
- 50 Year manufacturer's warranty





Inner pipe of electron beam cross-linked polyethylene (PE-Xc), extruded from high density polyethylene granulates

High quality connecting layer for a homogenous connection between the aluminium pipe and the PE-Xc inner pipe

Aluminium pipe (Al), longitudinally seamlessly welded and controlled

High quality connecting layer for a homogenous connection between the aluminium pipe and the PE-Xc outer pipe

Outer pipe of electron beam cross-linked polyethylene (PE-Xc), extruded from high density polyethylene granulates



Thermostats

Dial Thermostat

Designed to provide simple automatic ON/OFF control for your heating systems, by sensing the air temperature and switching on the heating when the air temperature falls below the thermostat setting and switching off when temperature is reached.



Programmable Thermostats

Slim design hard wired programmable thermostat that in thermostat mode can be set to work in non programmable, 5/2 day or 7 day mode.

Hardwired and wireless options available.



Wifi enabled Thermostats

Smartphone-inspired design.

Very large display, with function buttons on the side.

Fits perfectly into a modern interior.

Features the most advanced functions and algorithms.

Ideal for underfloor heating.

Programmable via the Smart app (using EGATEZB).



Smart Internet Gateway

Universal ZigBee Gateway for Smart devices.

Creates a ZigBee 3.0 network – coordinates all the devices working in it.

Connects to the Internet through a Wi-Fi router.

Enables the creation of rules and scenarios in the smart application.

Keeps them running even without internet access.



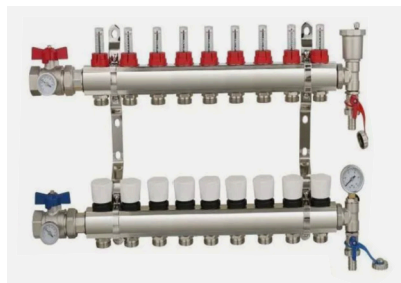
Wiring Centres

Wiring centres are essential components in heating systems, acting as centralised hubs for managing the electrical connections between thermostats, actuators, and other heating system components. These units simplify the wiring process by consolidating multiple connections into a single, organised location. Our wiring centres have several unique operations depending on your choice of application, to find out more call a member of our team on 01738 620400 or send us an email sales@uhml.co.uk



Manifold

Our Stainless Steel Manifolds are supplied with pre-assembled mounted brackets for easy installation. The return manifold accepts a Electric Actuator Manifold Head enabling individual control loop, this can also be used in conjunction with other loops to create a heating zone.



Actuators

Actuators are attached to the underfloor heating return manifold and work with thermostats to open and close valves, regulating water flow and ensuring consistent temperature distribution. This helps to create a comfortable environment, reduce energy waste, and improve the overall efficiency of the heating system.



Manifold Pump Pack

Our thermostatic pump set features include:

- 20°C-55°C temperature range suited for force screed drying in accordance with (BS1264).
- 'A' rated pump Grundfos Pump.
- Fully reversible (Left or Right sided manifold).
- Side or bottom entry connections.
- 2 Year warranty.



Single Zone Pump Pack

Our thermostatic single-loop pump set features include:

- 'A' rated Grundfos Pump.
- Wall mounting plate as standard.
- In-built primary isolation valves.
- 35-60 Degree UFH thermostatic mixing valve.
- In-built bypass.
- Pre-wired pump terminal box.
- 2 Year warranty.



Tools available from UHM

Tacker Gun

Pipe tacker guns are used to fix underfloor heating pipes into the insulation layer.



Pipe Decoiler

The Pipe Decoiler is an essential tool that makes installing water underfloor heating pipes easier, improving the installation process and boosting overall efficiency.



Pipe Spacing Tool

Manufactured by Pipes-A-Part, this pipe spacing tool helps ensure your pipes are evenly spaced.



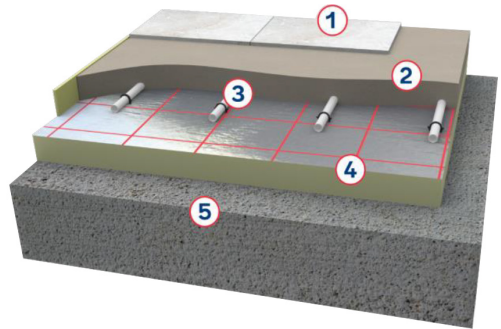
Floor construction - Screed Systems

SCREED - WITH STAPLES

1. Finished floor (tiles, wood, laminate, stone, lino etc)
2. Screed (recommended minimum depth of 60mm or 50mm for liquid screed)
3. Pipe
4. Insulation (recommended minimum depth of 60mm)
5. Sub-floor

Pipe Spacing

250mm centres recommended in most areas. In rooms with a small floor area (<6m²) or high heat loss (e.g. conservatories), 200mm centres are more appropriate. If the heat source is a heat pump then all centres should be 150mm.

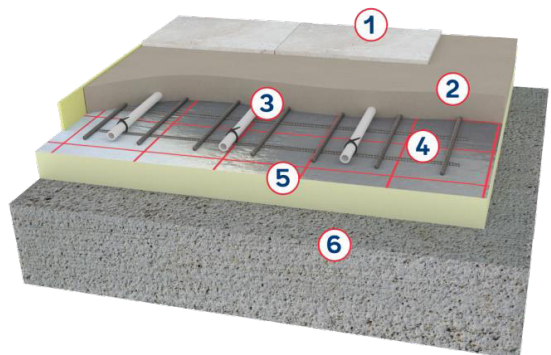


SCREED – TIES TO MESH

1. Finished floor (tiles, wood, laminate, stone, lino etc)
2. Screed (recommended minimum depth of 60mm or 50mm for liquid screed)
3. Pipe
4. Steel Mesh
5. Insulation (recommended minimum depth of 60mm)
6. Sub-floor

Pipe Spacing

250mm centres recommended in most areas. In rooms with a small floor area (<6m²) or high heat loss (e.g. conservatories) 200mm centres are more appropriate. If the heat source is a heat pump then all centres should be 150mm.

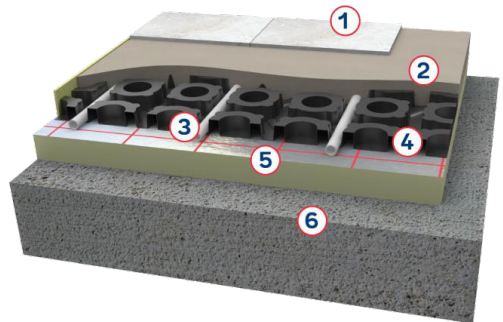


SCREED - SYSTEM PLATE

1. Finished floor (tiles, wood, laminate, stone, lino etc)
2. Screed (recommended minimum depth of 60mm or 50mm for liquid screed)
3. Pipe
4. System Plate (15mm deep for 12mm pipe or 18mm deep for 16mm pipe)
5. Insulation (recommended minimum depth of 60mm)
6. Sub-floor

Pipe Spacing

250mm centres recommended in most areas. In rooms with a small floor area (<6m²) or high heat loss (e.g. conservatories), 200mm centres are more appropriate. If the heat source is a heat pump then all centres should be 150mm.

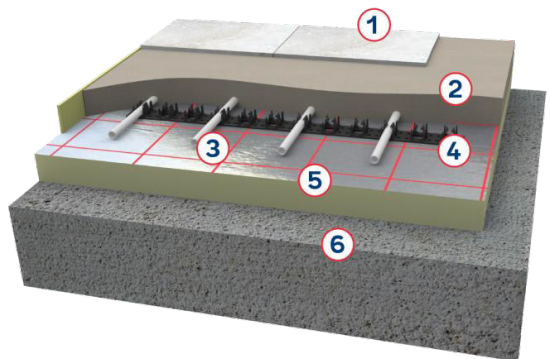


SCREED - CLIP RAIL

1. Finished floor (tiles, wood, laminate, stone, lino etc)
2. Screed (recommended minimum depth of 60mm or 50mm for liquid screed)
3. Pipe
4. Clip rail
5. Insulation (recommended minimum depth of 60mm)
6. Sub-floor

Pipe Spacing

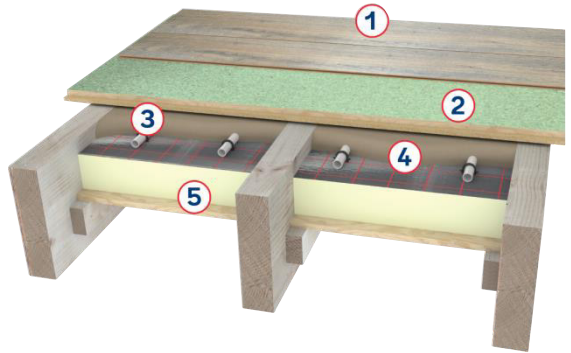
250mm centres recommended in most areas. In rooms with a small floor area (<6m²) or high heat loss (e.g. conservatories), 200mm centres are more appropriate. If the heat source is a heat pump then all centres should be 150mm.



Floor construction - Timber Systems

TIMBER – BETWEEN JOISTS

1. Finished floor (tiles, wood, laminate, stone, lino etc)
2. Chipboard
3. Pipe
4. Biscuit mix (not mandatory)
5. Insulation (recommended minimum depth of 60mm)

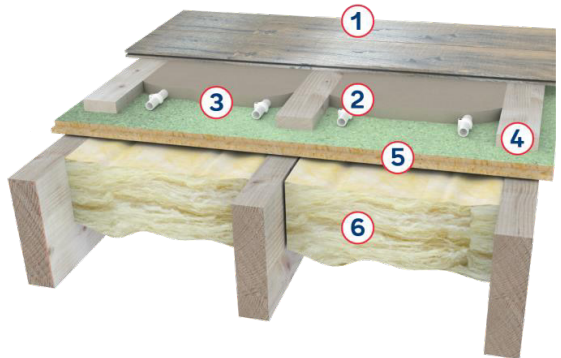


Pipe Spacing

200mm centres are recommended but this is dependent on the distance between the joists.

TIMBER – ABOVE THE JOISTS

1. Finished floor (tiles, wood, laminate, stone, lino etc)
2. Chipboard
3. Pipe
4. Biscuit mix (not mandatory)
5. Insulation (recommended minimum depth of 60mm)



Pipe Spacing

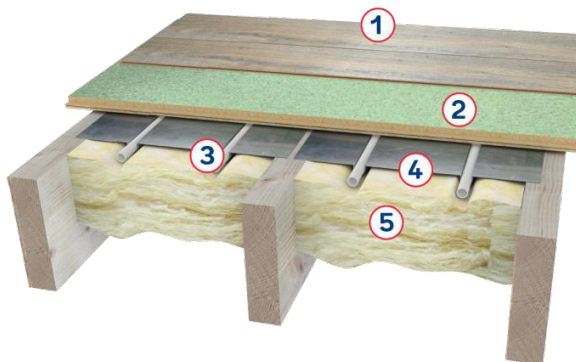
200mm centres are recommended throughout.

TIMBER – DIFFUSER PLATES BETWEEN JOISTS

1. Finished floor (tiles, wood, laminate, stone, lino etc)
2. Wooden battens
3. Pipe
4. Diffuser Plates
5. Insulation

Pipe Spacing

200mm centres to be used with diffuser plates.

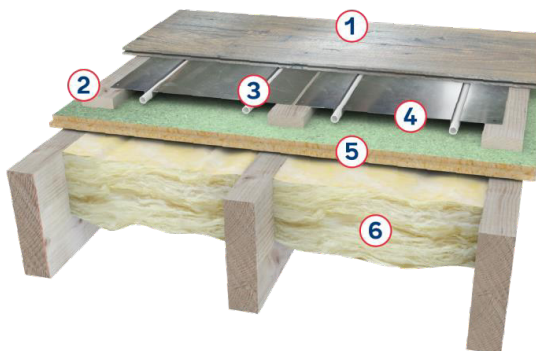


TIMBER – DIFFUSER PLATES ABOVE JOISTS

1. Finished floor (tiles, wood, laminate, stone, lino etc)
2. Wooden battens
3. Pipe
4. Diffuser Plates
5. Chipboard
6. Insulation

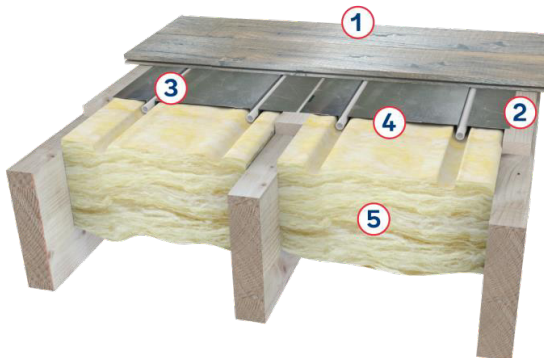
Pipe Spacing

200mm centres to be used with diffuser plates.



TIMBER – ABOVE THE JOISTS

1. Finished floor (tiles, wood, laminate, stone, lino etc)
2. Wooden battens
3. Pipe
4. Diffuser Plates
5. Insulation



Pipe Spacing

200mm centres to be used with diffuser plates.

Important Note

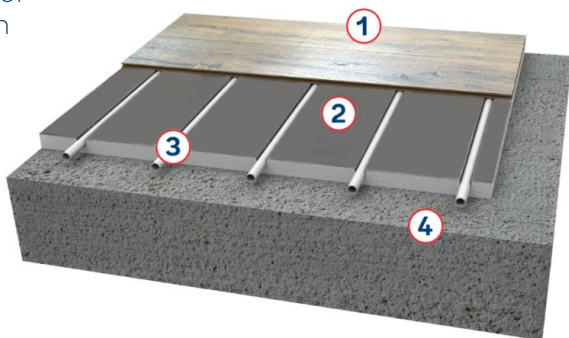
Battens are placed on the top of the joists with this system. This is to be used where it is not desirable to make checks in the joists

Floor construction - Insulated Panels

INSULATED PANELS – XPC

(XPS also available without cementitious layer)

1. Tiles or floating timber floor
2. 20mm XPS300 board with a cement based layer
3. Pipe
4. Sub Floor



“UHM has been our go to company for all our UFH installations. The product is by far the best on the market in our opinion and dealing with Chris Felton makes the process effortless from start to finish. Chris handles everything from initial drawings to site visits to costings, and nothing is to much trouble. I can't speak highly enough about the company and look forward to working with them in the future”

Scott Cunliffe – Installer





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Visit our website **www.uhml.co.uk** for more information about our energy efficient systems.

If you have questions call our friendly and knowledgeable sales and technical team on **01738 620400** or email **sales@uhml.co.uk**