

Thermalfloor



OUTSTANDING UNDERFLOOR HEATING



Incredibly
Affordable



Same Day
Quotations



Next Day
Delivery



Highest Quality
Components

Outstanding Underfloor Heating



Say farewell to radiators and large heating bills by choosing the Thermalfloor Underfloor Heating System. Our energy efficient system spreads warmth evenly throughout each room to create a comfortable and relaxing living environment for your office or home.

Plus, we often beat our same day quotations record by getting a quote to you within only 2 hours. All types of floors and coverings are suitable, and our system can run off any type of heat source too.

Whether you have gas, electric, oil, solid fuel boiler or a heat pump, our underfloor heating system will work perfectly. What's more, our continuous pipe system is virtually maintenance free with no risk of leaks. 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. Before you place your order, your underfloor heating system will be designed to suit your needs.



Our next day delivery service means you can get started on your underfloor heating project without any delays.

Thermalfloor Underfloor Heating is a brand of UHM, the well-respected underfloor heating specialists. As one of the leading pioneers of the underfloor heating industry, UHM began producing underfloor heating systems over 15 years ago.

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.

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 and energy saving of around 15%, saving you money on your heating bills.



Our highly experienced engineers have laid underfloor heating systems in a vast range of homes, offices, commercial and industrial buildings over the years. As a result, 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 on your project requirements.



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

Thermalfloor - Outstanding Underfloor Heating

Screed Systems

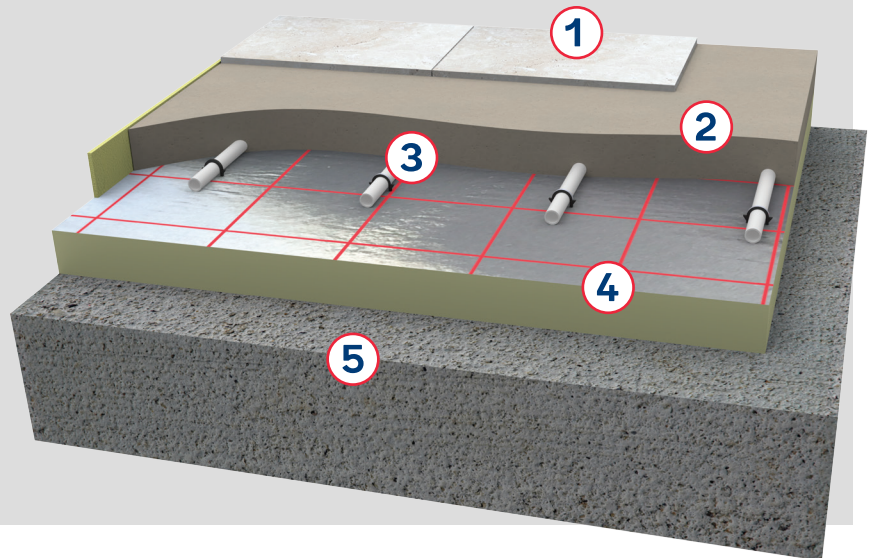
SCREED WITH STAPLES

1. Finished floor (tile, wood, laminate, stone, lino, etc.)
2. Screed (recommended min. depth of 60mm)
3. Pipe
4. Insulation (recommended min. depth of 60mm)
5. Sub-floor

- ✓ Recommended
- ✓ Cost Effective
- ✓ Easy to Install

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.

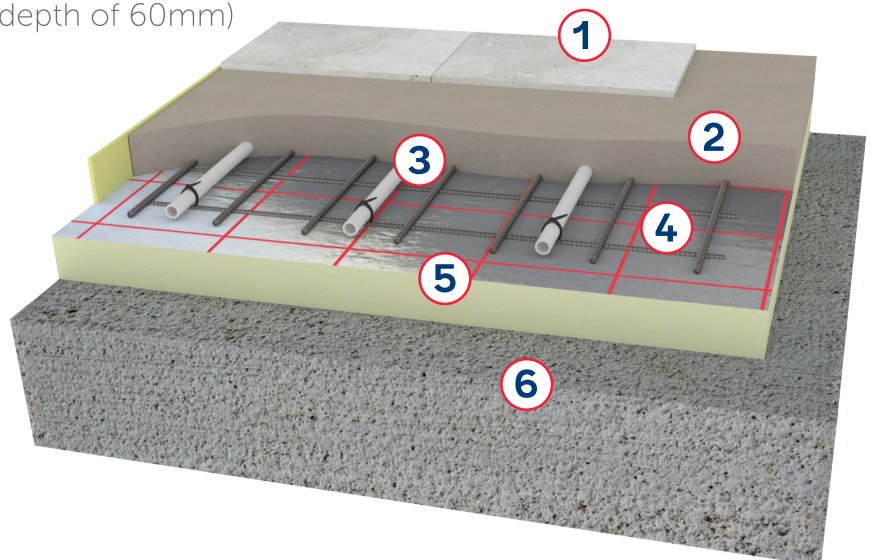


SCREED - TIES TO MESH

1. Finished floor (tile, wood, laminate, stone, lino, etc.)
2. Screed (recommended min. depth of 60mm)
3. Pipe
4. Steel mesh
5. Insulation (recommended min. 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.

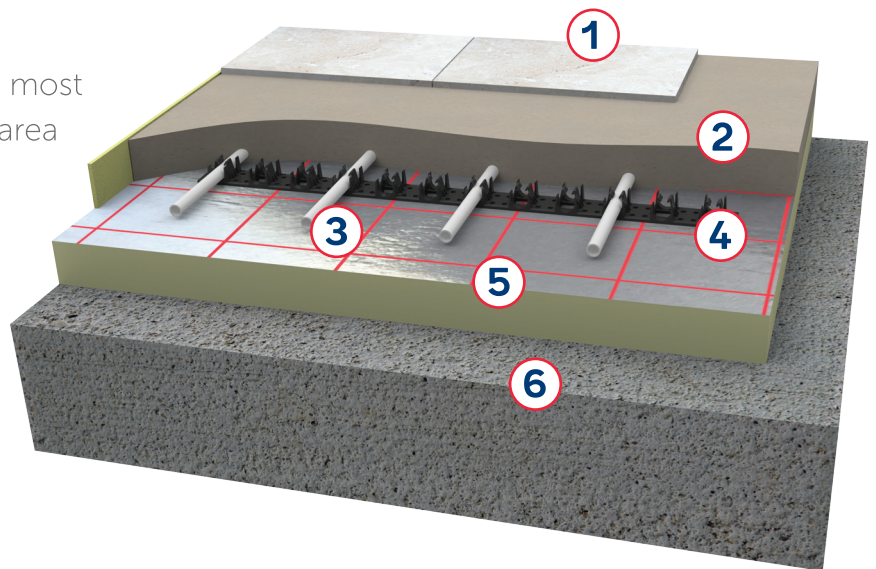


SCREED - CLIP RAIL

1. Finished floor (tile, wood, laminate, stone, lino, etc.)
2. Screed (recommended min. depth of 60mm)
3. Pipe
4. Clip Rail
5. Insulation (recommended min. 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.

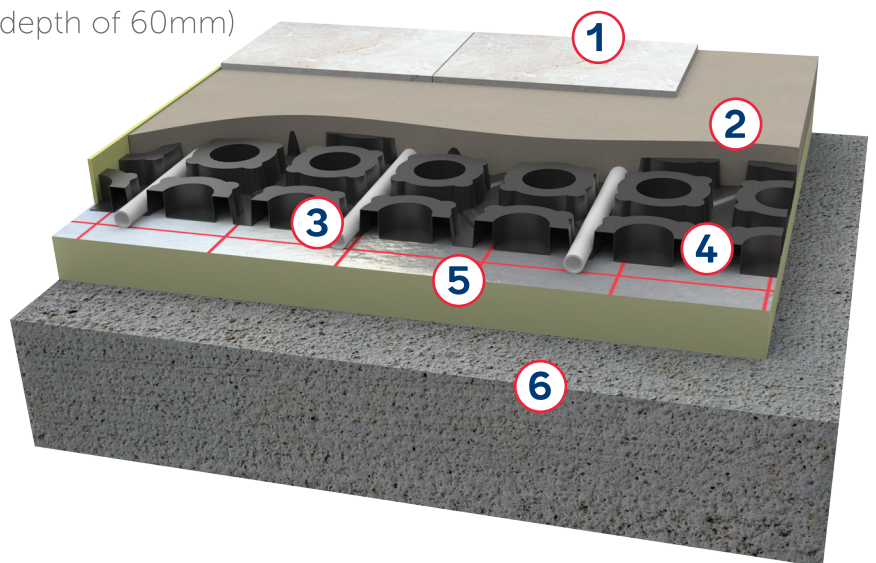


SCREED - SYSTEM PLATE

1. Finished floor (tile, wood, laminate, stone, lino, etc.)
2. Screed (recommended min. depth of 60mm)
3. Pipe
4. System Plate (20mm deep)
5. Insulation (recommended min. depth of 60mm)
6. Sub-floor

Pipe Spacing

200mm centres have to be used with the system plate installation.



Timber Systems

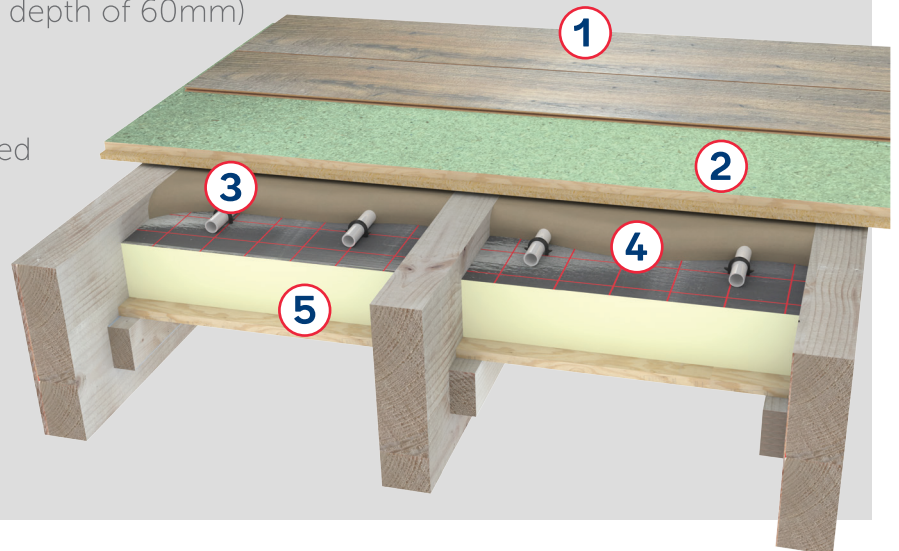
TIMBER - BETWEEN JOISTS

1. Finished floor (tile, wood, laminate, stone, lino, etc.)
2. Chipboard
3. Pipe
4. Biscuit mix or kiln-dried sand
5. Insulation (recommended min. depth of 60mm)

Pipe Spacing

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

- ✓ Recommended
- ✓ Cost Effective
- ✓ Easy to Install

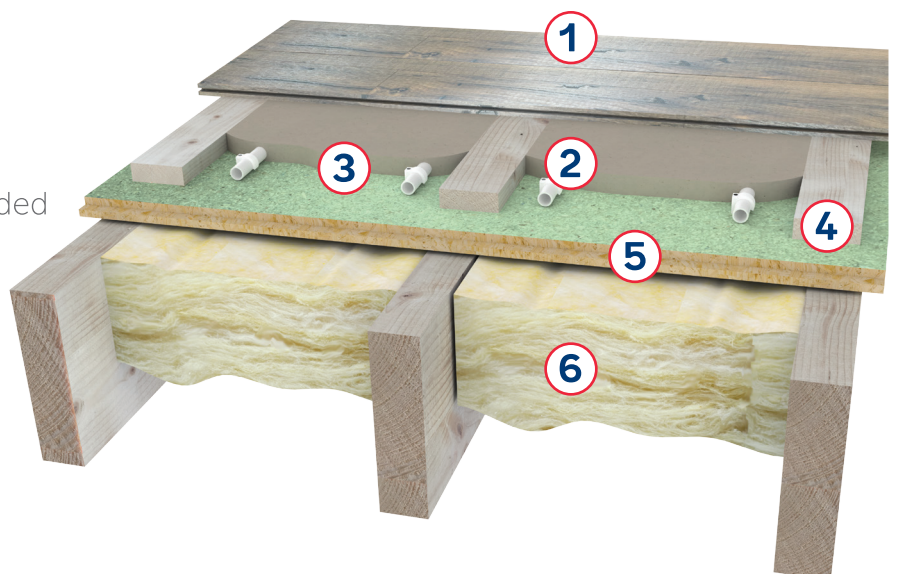


TIMBER - ABOVE JOISTS

1. Finished floor (tile, wood, laminate, stone, lino, etc.)
2. Pipe
3. Biscuit mix or kiln-dried sand
4. Wooden batons
5. Chipboard
6. Insulation

Pipe Spacing

200mm centres are recommended throughout.

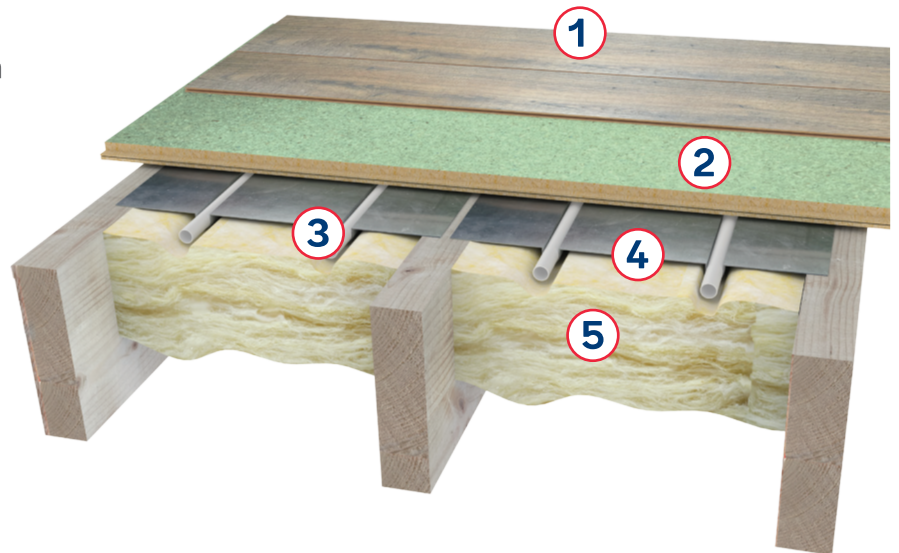


TIMBER - DIFFUSER PLATES BETWEEN JOISTS

1. Finished floor (tile, wood, laminate, stone, lino, etc.)
2. Wooden batons
3. Pipe
4. Diffuser plate
5. Insulation

Pipe Spacing

200mm centres to be used with diffuser plates.



TIMBER - DIFFUSER PLATES ABOVE JOISTS

1. Finished floor (tile, wood, laminate, stone, lino, etc.)
2. Wooden batons
3. Pipe
4. Diffuser plate
5. Chipboard
6. Insulation

Pipe Spacing

200mm centres to be used with diffuser plates.



Timber Systems - Continued

TIMBER - ABOVE JOISTS ON BATONS

1. Finished floor (tile, wood, laminate, stone, lino, etc.)
2. Wooden batons
3. Pipe
4. Diffuser plate
5. Insulation

Pipe Spacing

200mm centres to be used with the diffuser plates.

Important Note

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



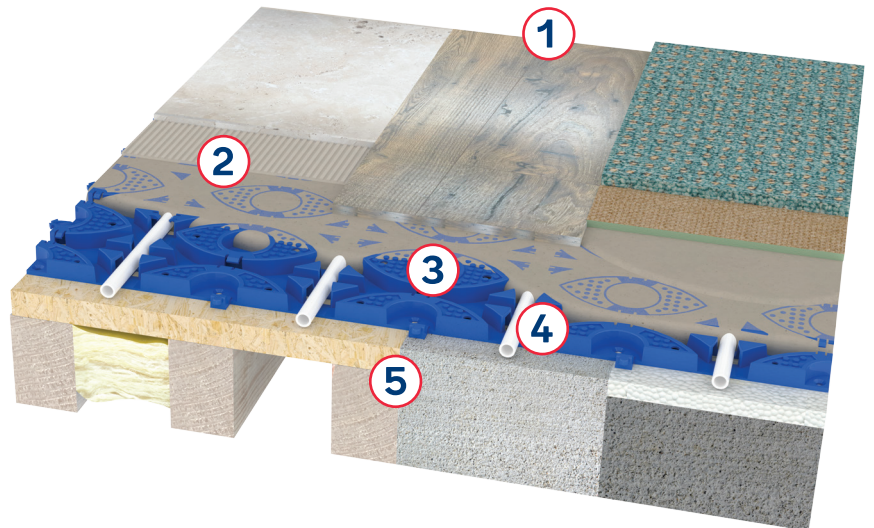
Low Profile Systems

PROFIX

1. Finished floor (tile, wood, laminate, stone, lino, etc.)
2. Self levelling compound
3. Profix panel (15mm deep)
4. Pipe
5. Sub-floor

Pipe Spacing

150mm centres to be used with Profix panels.

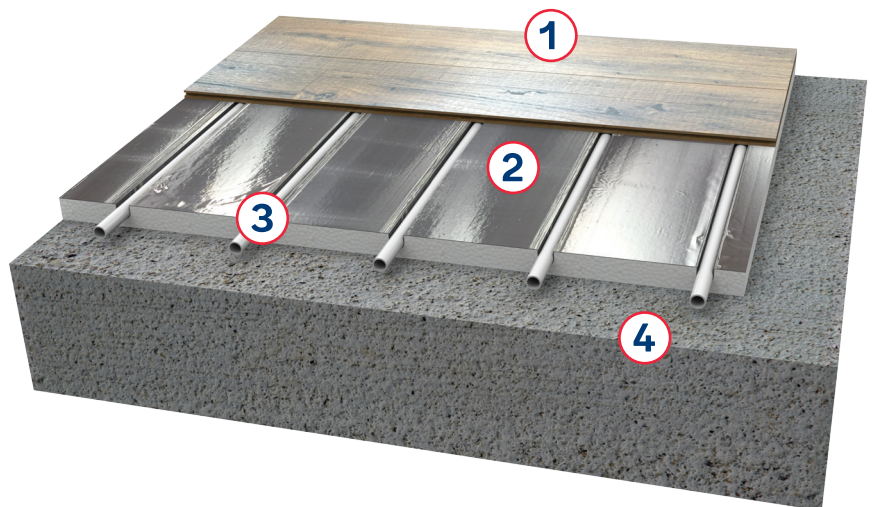


PROFOIL

1. Floating floor
2. Profoil panel (28mm deep)
3. Pipe
4. Sub-floor

Pipe Spacing

200mm centres to be used with Profoil panels.



Room Thermostats

Dial Thermostat

Simple, Effective, Set and Forget

- 230v



Programmable Thermostat

Programmable, LCD Display

- 230v

- 5/2 & 7 Day Programming



Wireless Thermostat

Programmable, LCD Display, No wiring needed

Flexible Location

- Battery

- 5/2 & 7 Day Programming

- Wireless



Touchscreen Thermostat

Programmable, Touchscreen, LCD Display

- 230v
- 5/2 & 7 Day Programming
- Touch Enabled



Touschscreen Wireless Thermostat

Programmable, Touchscreen, LCD Display, Flexible Location

- Battery
- 5/2 & 7 Day Programming
- Wireless
- Touch Enabled



Neostat Thermostat

Programmable, Sophisticated Presentation

LCD Display, Remote Capabilities

- 230v
- 5/2 & 7 Day Programming
- Global Access/App



Our Pipe

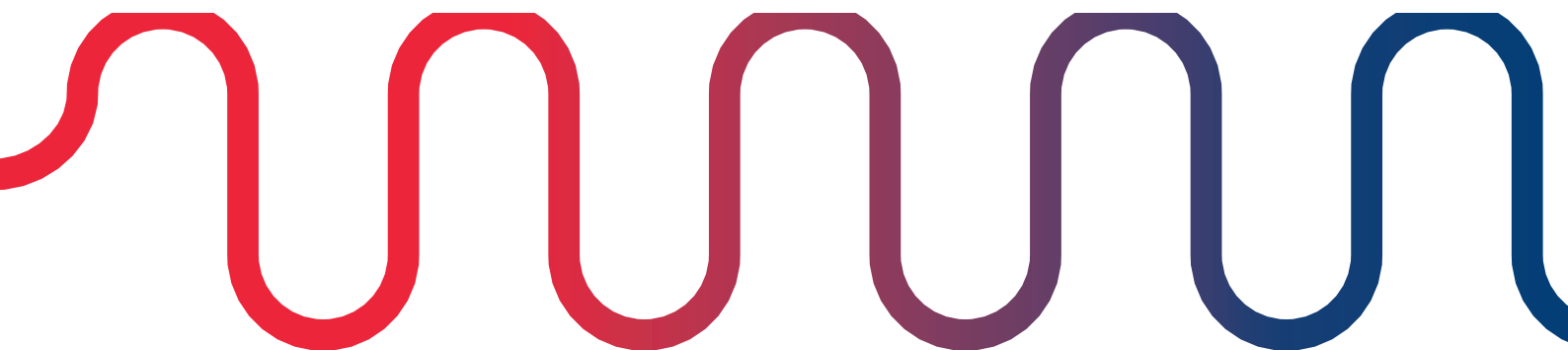
Does Quality come from a Piece of Paper?

We believe that the best guarantee of quality doesn't come from a piece of paper but by using a manufacturer who has never had a pipe failure, performs stringent tests at every step and continue 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.

Hencos 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 polyethelene (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 polyethelene (PE-Xc), extruded from high density polyethylene granulates



Thermalfloor - Outstanding Underfloor Heating

Other Components

We source all of our components from leading manufacturers in Europe in order to ensure that our underfloor heating systems deliver exceptional quality and reliability time after time.

ACTUATORS

Thermalfloor Underfloor Heating Systems only supply thermal actuators manufactured by Jürgen Schlösser Armaturen. These are fitted directly to the manifold in order to allow each zone to be controlled electronically and independently and are engineered to the highest standard.



MANIFOLDS

Manufactured by Watts Industries these stainless-steel, single-piece manifolds form the backbone of the Thermalfloor underfloor heating system managing the flow and return of water between the boiler and each zone in the system. Their solid construction speaks to the durability that you can expect throughout the lifetime of the system.



PUMPS AND MIXING VALVES

We only supply central heating pumps manufactured by Grundfos to ensure that our underfloor heating systems achieve maximum efficiency, ease of installation and 'Legendary Grundfos reliability'.

Our mixing valves are manufactured by Reliance Water Controls and are specifically designed for use with underfloor heating systems in order to ensure they deliver high flow rates and excellent temperature control at all times.





Thermalfloor - Outstanding Underfloor Heating

Thermalfloor

Underfloor Heating Merchants Ltd

Ruthvenfield Grove

Inveralmond Industrial Estate

Perth

PH1 3FN



T 01738 620400

E sales@uhml.co.uk

W www.uhml.co.uk



**Incredibly
Affordable**



**Same Day
Quotations**



**Next Day
Delivery**



**Highest Quality
Components**



Underfloor
Heating
Merchants