

Speedfit Hydronic Underfloor Heating

Underfloor heating provides the most comfortable even warmth of any heating system. Hydronic underfloor heating in particular is economical to run and virtually maintenance free.

The system has water pumped from a boiler or other heat source (heat pump, solar or geothermal) to a pump pack where it is mixed to approximately 50°C then distributed via a manifold to heating circuits made using Speedfit Barrier Pipe.

The pipe is laid in concrete 50mm below the finished floor level or into a 50mm screed above an existing slab.

The Speedfit Underfloor Heating System is suitable for most floor finishes, including ceramic tiles, carpets, vinyl and laminate.

The floor area is typically warmed to between 25°C and 28°C, providing an even distribution of heat at only slightly higher than room temperature. The system is controlled by one or more thermostats which signal the Pump Pack when heat is required.

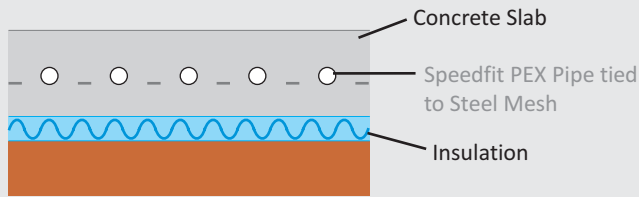


Contact Amuheat for a complimentary design and quote. Kits also available for Trade or DIY install.

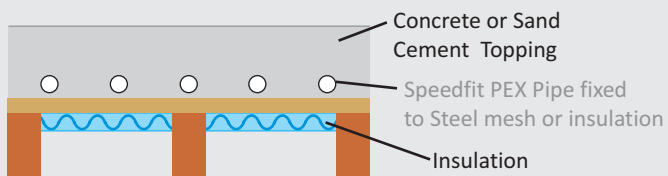
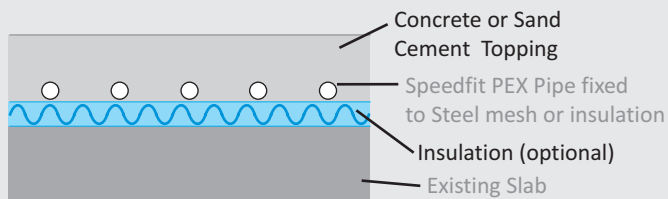


Application Profile

In Concrete



In Screed or Concrete Topping



Warranty

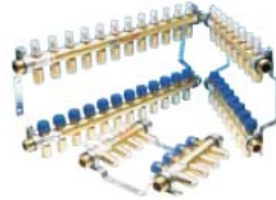
Manifolds, pumps and all electrical items carry a 1 year warranty.

Speedfit PEX pipe and fittings carry a 25 year warranty.



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Manifold



Speedfit Manifolds are manufactured from high quality brass, complete with adjustable flow gauge, drain valve and air bleed valve. They are pre assembled on wall brackets and supplied with screws and plugs. Available in 4, 6, 8, 10, 12 circuit/zones.

Control Pack



Hot water is taken from the boiler, mixed to the required temperature and circulated via the manifold to the heating circuits, the temperature and volume of water is constantly altered to maintain the requirements of the system.

Single Room Pump



The ideal way to provide heating to a room or extension up to 30m².

Barrier Pipe



The 15mm PEX Speedfit Pipe has an inner barrier to prevent the ingress of atmosphere. Available in lengths of 100, 120 & 150mtr.

Wiring Centre



The UH3 Wiring Centre has a total of 8 heating zones and integrated connections for underfloor heating zones offering a simple solution for control.

Thermostat



Programmable room thermostats can be set to give each zone an individual time and temperature control.

Actuators



Controlled by a thermostat to open or close the flow of water to an individual circuit on the manifold.