

PUG / dry mix system

The PUG / dry mix - Uses readily available and familiar materials, making it a simple and cost-effective method of maximising the heat output.

The system is installed from above, and can either be laid within the floor construction, or between battens above an existing floor where height permits.

An 8:1 dry PUG sand and cement mix is laid around the pipes which provides good surface contact and thermal storage. The pipes can be run at centres to suit the joists or battens, giving you a simple and versatile installation.

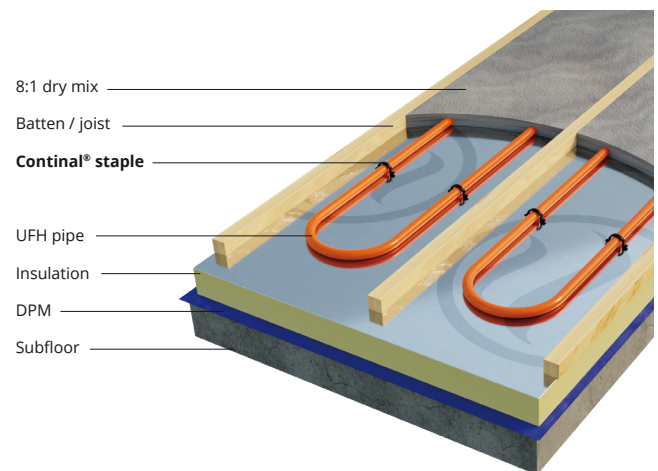
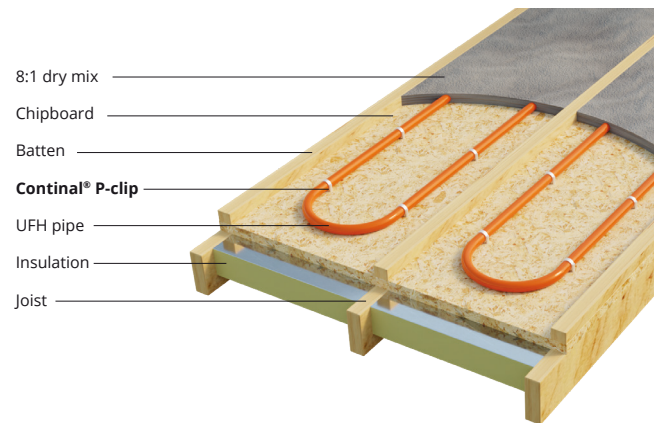
Depending on the available build height, the system can incorporate insulation directly below the pipe system or below the deck, allowing for the design and performance requirements of the building. The pipes can be clipped using Continal® staples or Continal® P-clips.

Key system characteristics:

- Simple installation
- Familiar and available components
- Versatile installation
- New build or retrofit solution
- Provides good thermal capacity in suspended floors
- Versatile pipe layout and pipe density
- Dry installation

Key components:

- Continal® staples or Continal® P-clips
- SUPERflex™-16 / AluPlas®-16 pipe
- Manifold and water controls
- Thermostats and wiring centres



Heat output

150mm pipe centres 80W/m² to 88W/m²

200mm pipe centres 77W/m² to 85W/m²

* Achieving a 20°C room temperature with an external temperature of -3°C, these heat outputs are approximate based on a flow temperature of 40°C - 45°C with a chipboard coverboard and a 1 tog final floor covering. To be confirmed against heat loss calculations.

About us

No ifs, no buts. The award-winning Continal® service means you get an underfloor heating system delivered to you on time, on site, every time, no compromise.