AluPlate™ fit-from-above system

AluPlate™ fit-from-above – Quick and easy to install, with no increase in the finished floor height.

The AluPlate™ fit-from-above system clips our 16mm pipe in position, ensuring excellent surface contact with the pipe and the floor deck. This maximises heat transfer and is covered with the load-bearing floor deck, which can then be covered with your choice of flooring.

The system is incorporated within the floor construction and therefore does not affect the finished floor height.

The AluPlate™ system can also be used in a sprung floor system where battens are used to support the plate, and in the cradle and batten systems typically used for acoustic decks.
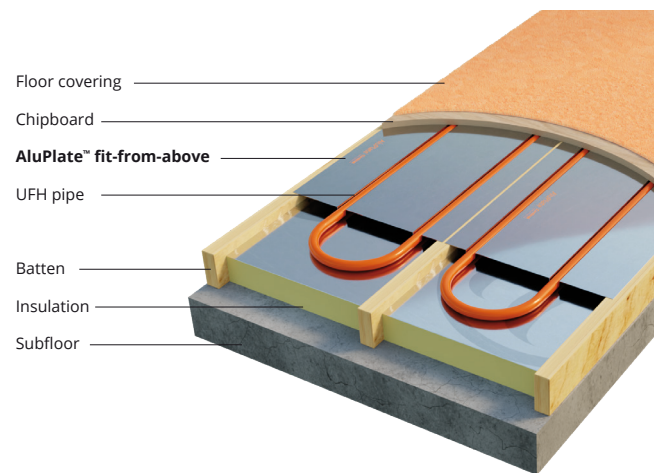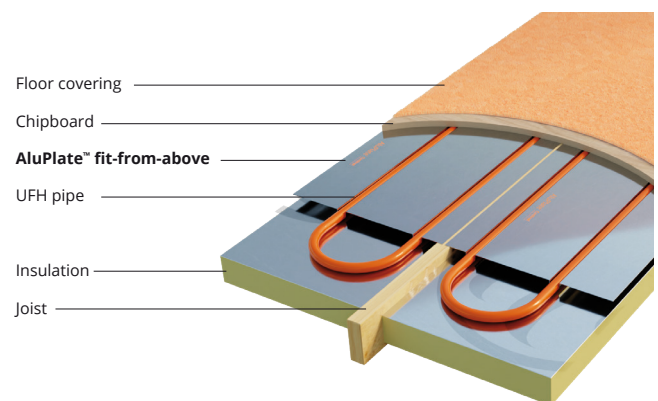
Key system characteristics:

- Simple installation
- Suitable for traditional joists
- New build or retrofit option
- Excellent pipe and floor deck contact for optimum performance
- Zero floor height addition
- Sprung floor solution with battens
- Options for 400mm and 600mm joists
- Options for low and high flow temperatures systems

Key components:

- AluPlate™ fit-from-above plates
- SUPERflex™-16 / AluPlas®-16 pipe
- Manifold and water controls
- Thermostats and wiring centres

For:

- Minimal increase in floor height
- No screed required

Floor covering
Chipboard
AluPlate™ fit-from-above
UFH pipe

Insulation
Joist

Floor covering
Chipboard
AluPlate™ fit-from-above
UFH pipe

Batten
Insulation
Subfloor

Heat output	
200mm pipe centres	47W/m² to 55W/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.