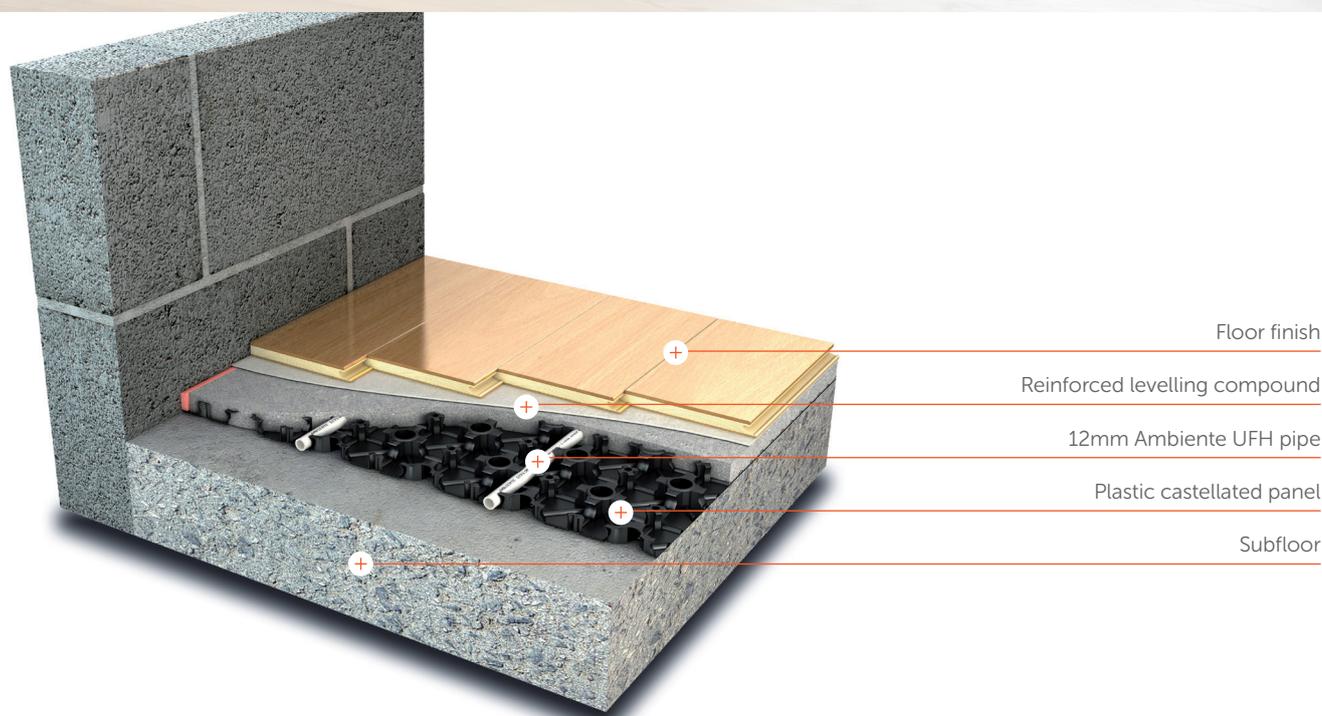


AMBISOLO SYSTEM

FOR SCREEDED AND JOISTED FLOOR CONSTRUCTIONS

ambiente®

more than underfloor



Floor finish

Reinforced levelling compound

12mm Ambiente UFH pipe

Plastic castellated panel

Subfloor

SYSTEM OVERVIEW

The AmbiSolo system is a low profile castellated underfloor heating system, designed for refurbishment projects where floor build-up is at a premium. The system incorporates a 12mm Ambiente underfloor heating pipe within a plastic castellated panel, which is then covered with 20mm of reinforced levelling compound.

The way that this system is designed means that it must be laid directly onto a structural and level sub-floor, not onto any loose flooring or insulation layer. This can be a concrete sub floor or chipboard floor, but it must be a structural layer as the 20mm compound is not structural in its own right.

Benefits

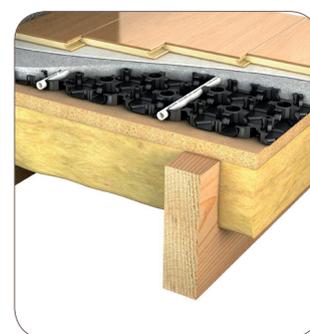
There are many unique benefits of the AmbiSolo system, even above other retro-fit UFH systems. Firstly, the response time is very quick, heating up in 15-30 minutes (depending on the floor covering), very similar to the response time of a radiator. Secondly, the output of the system is exceptional - while we recognise there may be a small downward loss of up to 10% (due to no insulation layer beneath it), the quick response time and overall output of the system more than compensates for this.

Levelling compound

Ambiente recommend the use of a fibre-reinforced levelling compound which we can supply in 25kg bags, or for larger areas it may be more economical for a specialist contractor to pump the compound over the whole area

Most floor finishes can be laid directly on top of the AmbiSolo system - as always with tiled floors, we would recommend the use of a de-coupling membrane to soak up any lateral movement and reduce the risk of hairline cracks appearing in the grout.

AmbiSolo is suitable for use with screeded and joisted floors



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