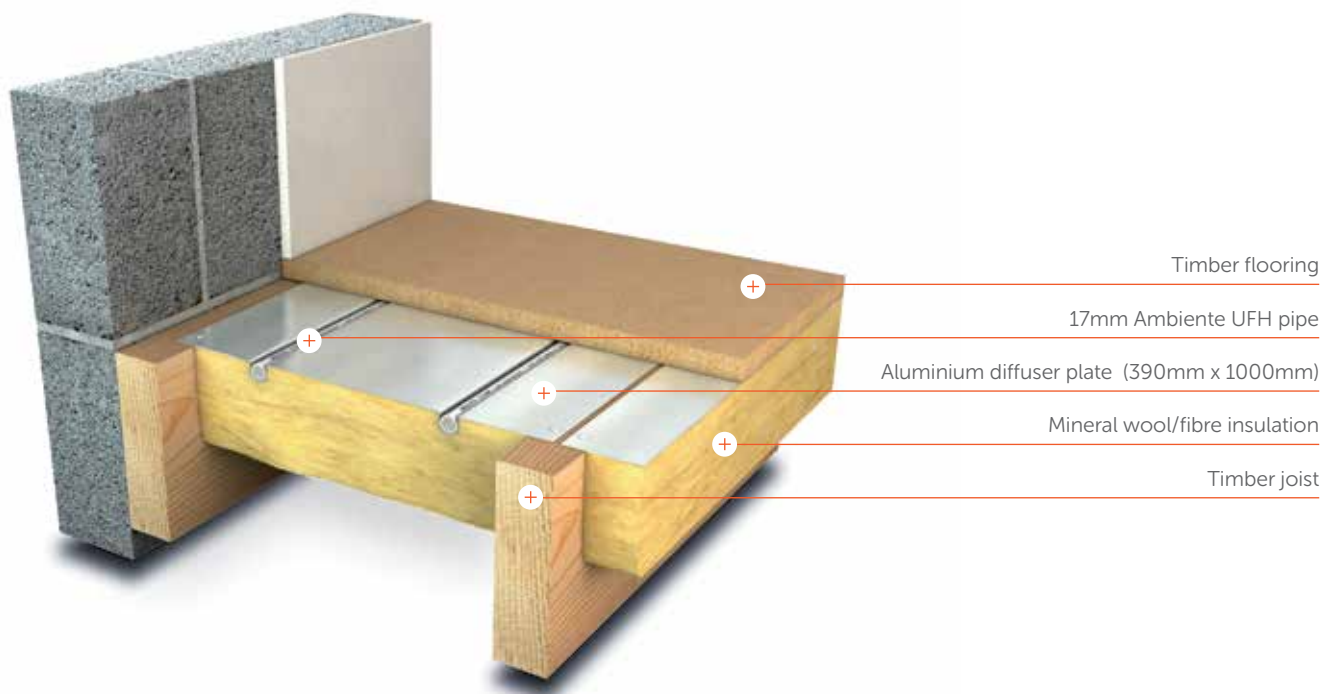


# AMBIPLATE 30 SYSTEM JOISTED FLOOR CONSTRUCTION

ambiente®

more than underfloor



## PRODUCT OVERVIEW

The AmbiPlate 30 system is designed for use on joisted floor systems, typically for first floor applications.

Before the system is installed, the joist void should be insulated - typically with a mineral wool type insulation, but also commonly with a 'board' type insulation supported by battens. In both cases, it is important that the insulation layer is pushed up tight to the underside of the plates to maximise heat output and minimise downward loss.

The aluminium diffuser plates are then installed, fixed to either side of the joist void. The aluminium plates can only be laid on straight pipe runs and typically cover about 80% of the heated floor area. The pipework is then installed into the diffuser plates as per the installation drawings.

The reflective properties of the aluminium diffuser plates mean that any heat is efficiently pushed up through the sub-floor layers for maximum heat output. The nature of the system means that it has a quicker response than a traditional (screed) UFH system.

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