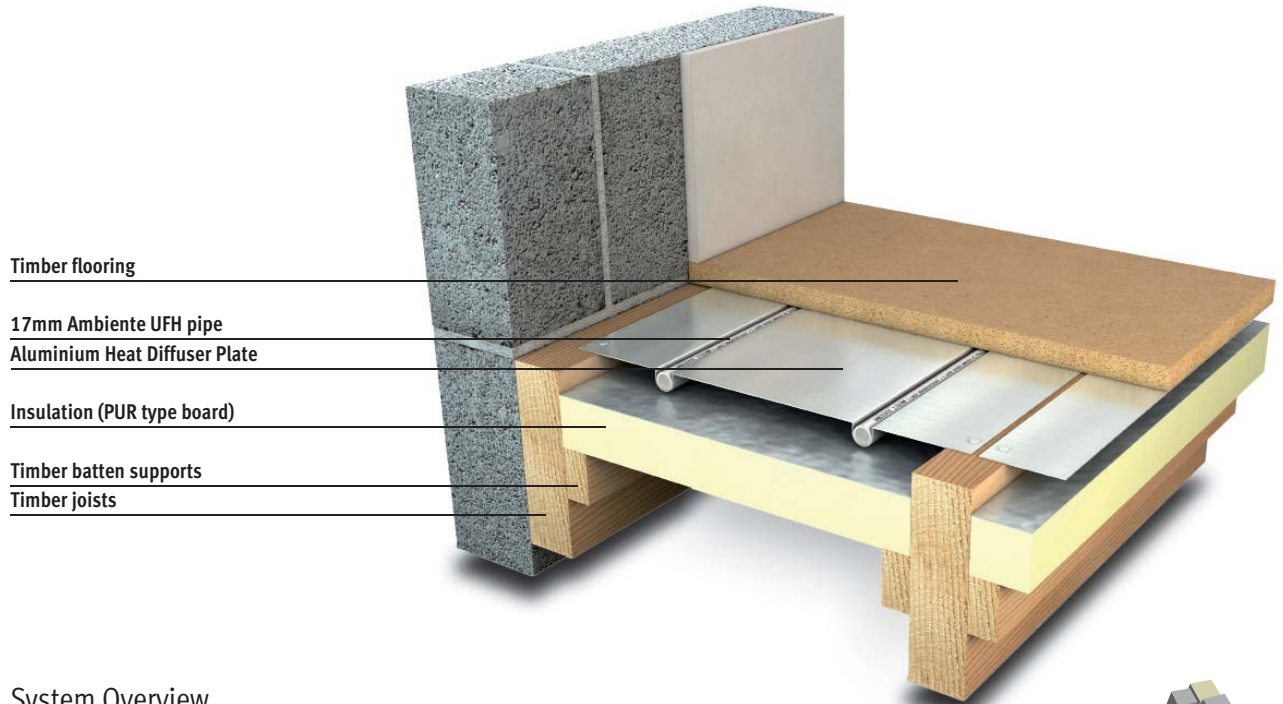


AmbiPlate 30A

Safer section series for timber floors

WMS
Underfloor Heating

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Timber flooring

17mm Ambiente UFH pipe

Aluminium Heat Diffuser Plate

Insulation (PUR type board)

Timber batten supports

Timber joists

System Overview

The AmbiPlate 30A is designed specifically for joisted floor constructions and provides a stable and effective form of heating. Similar to the original AmbiPlate 30 but with a varying insulation build-up method makes it an Ambiente 'safer section' for joisted floors.

The insulation panels (typically PUR type) provide increased strength and stability for the installer and are available in various thicknesses starting from 50mm and are available from any large insulation stockist. The insulation panels must be cut down to correct size between the joists. Timber battens should be fixed to the sides of the joists at the required depth to support the insulation. The Void required between the top of the joists and the top of the insulation should be a minimum of 20mm. The pipework is installed in continuous loops within the floor back to the manifold in the normal fashion.

The system is then pressure tested to 4 bar and should be witnessed by a site representative and signed off. Your Ambiente accredited installer will supply a drawing after the installation for the client's records.

Manifold Sizing Chart

Number of ports	2	3	4	5	6	7	8	9	10	11	12
Manifold Length (mm)	192	242	292	342	392	442	492	542	592	642	692

Recommended minimum installation clearances: 200mm between the finished floor level (FFL) and bottom of the manifold, 100mm above the manifold, 50mm to either side of the manifold and allow an extra 100mm for the supply pipe work.



Manifold Dimensions

