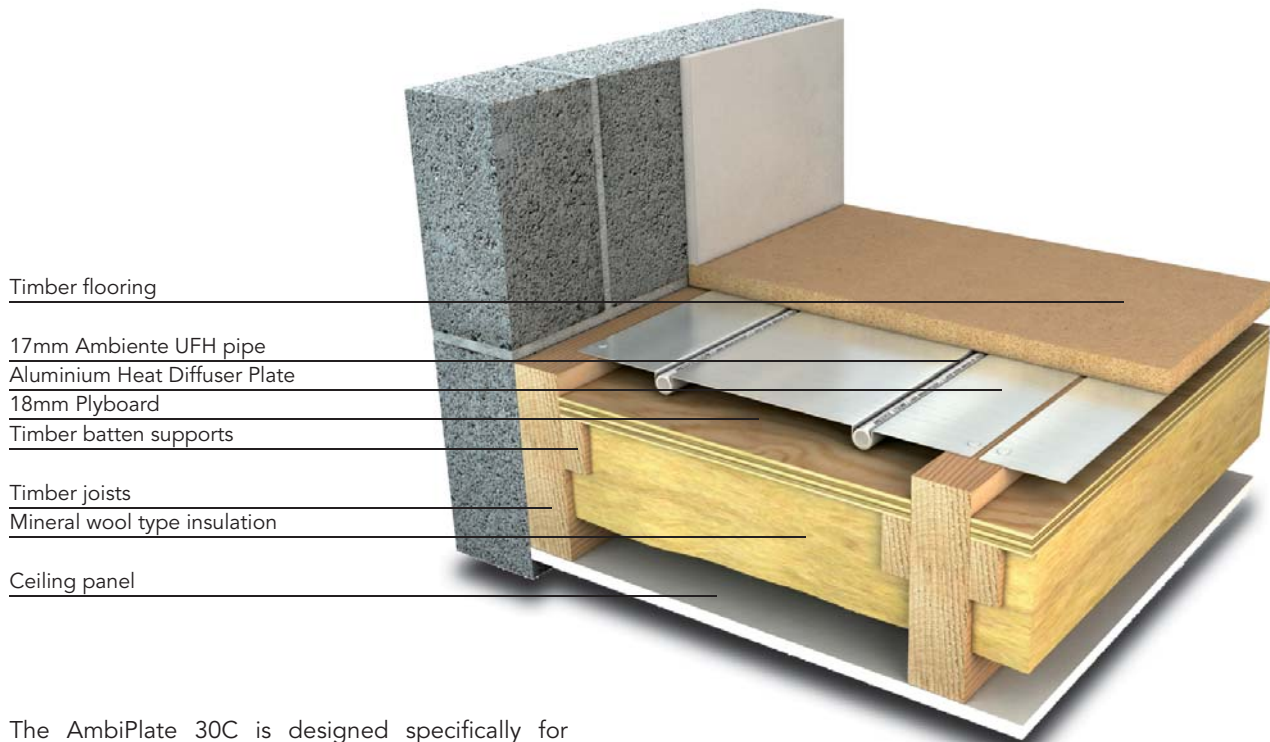


# AMBIPLATE 30C SYSTEM

SAFER SECTION SERIES FOR TIMBER FLOORS

SYSTEM OVERVIEW



Timber flooring

17mm Ambiente UFH pipe

Aluminium Heat Diffuser Plate

18mm Plyboard

Timber batten supports

Timber joists

Mineral wool type insulation

Ceiling panel

The AmbiPlate 30C 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 build-up insulation method makes it an Ambiente 'safer section' for joisted floors.

The ply panels provide increased strength and stability for the installer during installation. The insulation rolls must be cut to the correct size between the joists. Timber battens should be fixed to the sides of the joists at the required depth to support the plyboard. The void required between the top of the joists and the top of the plyboard 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 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.



safersection™

## MANIFOLD DIMENSIONS

