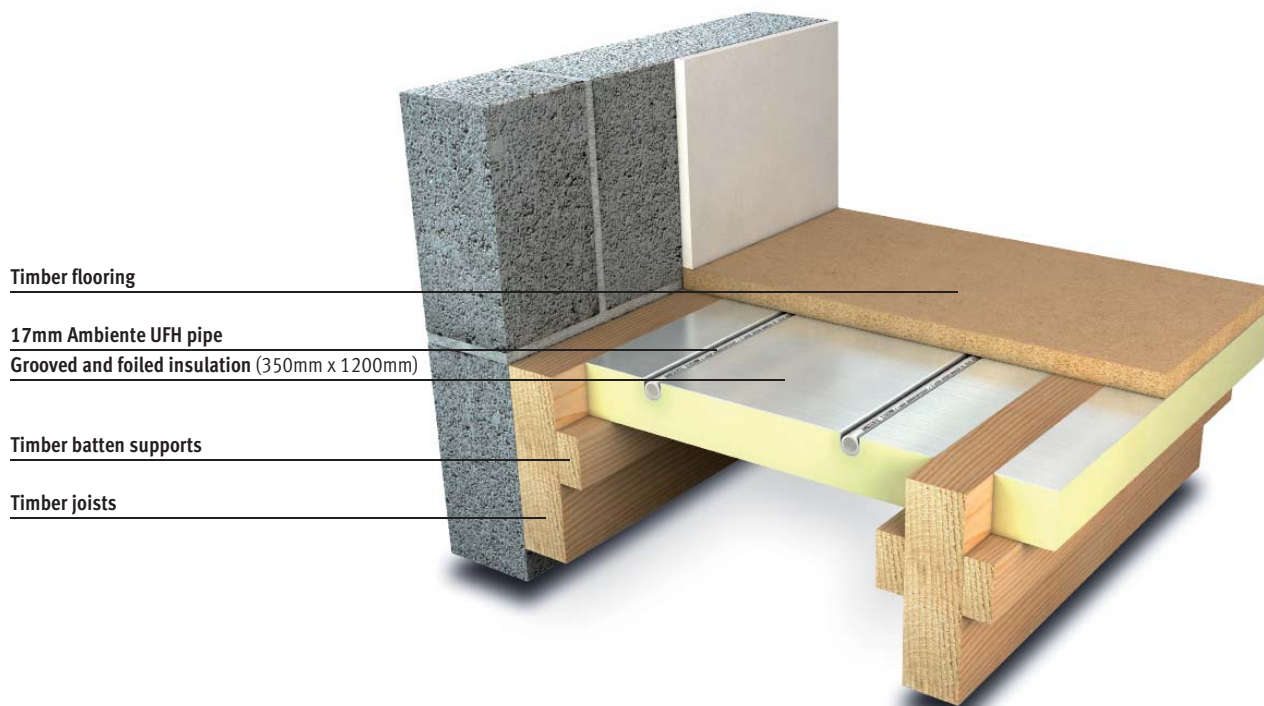


AmbiFloat 30 System Joisted Floor Construction

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Underfloor Heating

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System Overview

The AmbiFloat 30 system is designed specifically for joisted floor constructions and provides a stable and effective form of heating. Similar to the AmbiPlate 30 system, the AmbiFloat 30 system incorporates the aluminium profile and insulation into one product.

The insulation panels are made from high density insulation to provide increased strength and are available in various thicknesses starting from 50mm. Before the insulation panels can be installed, timber battens should be fixed to the sides of the joists at the required depth to support the insulation. The insulation panels are overlaid with aluminium foil to provide an equal distribution of heat and are grooved for the underfloor heating pipework to sit within. The pipework is installed in continuous loops within the floor back to the manifold in the normal fashion.

We recommend that the system is pressure tested to 4 bar, witnessed by a site representative and signed off. Controls and pumps (if required) are supplied as loose items. 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

