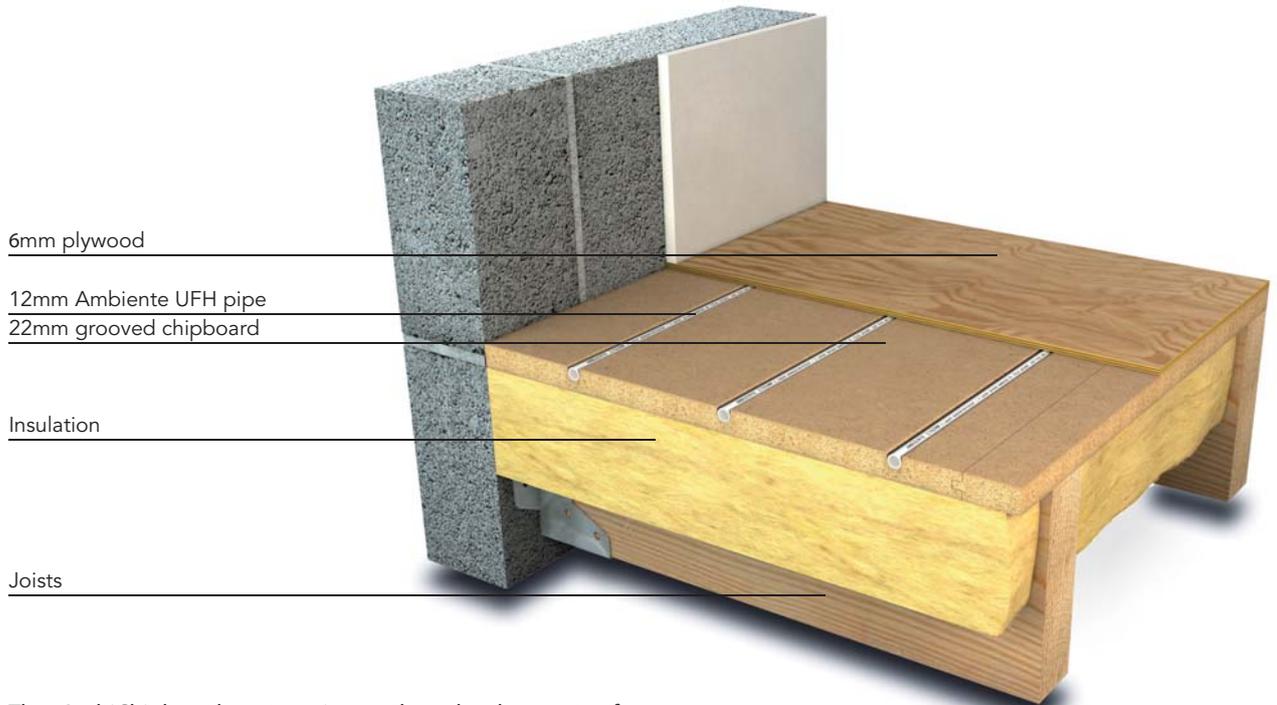


# AMBICHIPBOARD SYSTEM

## JOISTED FLOOR CONSTRUCTION

### SYSTEM OVERVIEW



6mm plywood

12mm Ambiente UFH pipe  
22mm grooved chipboard

Insulation

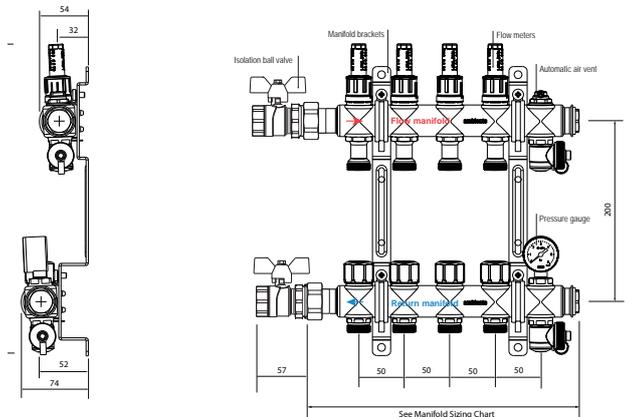
Joists

The AmbiChipboard system is another development of the AmbiLowboard floor build range which is designed to provide a structural flooring solution that incorporates a 12mm underfloor heating pipe. A 6mm ply is required to be fixed down over a high grade chipboard at 150mm spacings. This protects the top of the pipe and provide extra strength to the floor. Floor finishes can be installed directly on top of this to complete the floor buildup.

Grooved chipboard panels are laid at 90° to the direction of the joists and all joints should be glued and screwed. The 12mm pipe is installed in the normal fashion with tail pipes running beneath the chipboard to minimise additional channels being routed in to the chipboard. The pipes terminate at the underfloor heating manifold where the system is pressure tested and signed off by a site representative.

Your Ambiente accredited installer will supply a drawing after the installation for the client's records.

### MANIFOLD DIMENSIONS



### 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.