

AMBILOWBOARD (SRB) SYSTEM

FLOATING FLOOR CONSTRUCTION

SYSTEM OVERVIEW

Stone/tiles or timber flooring

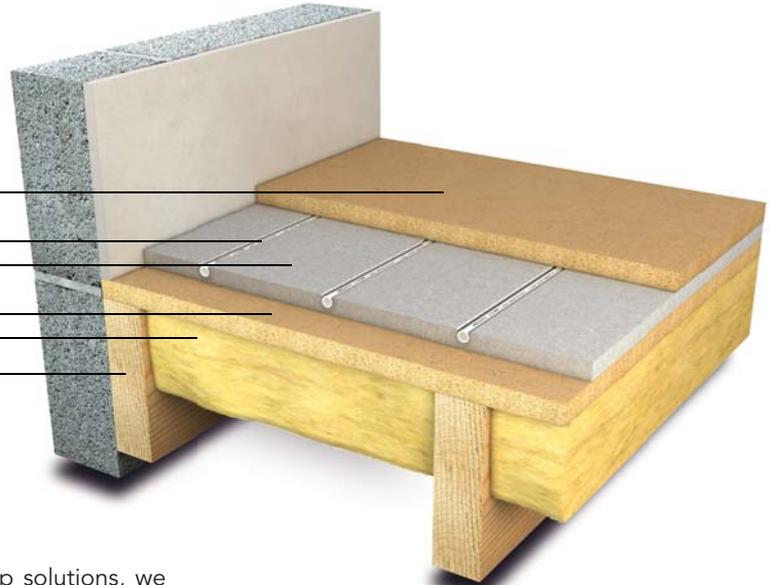
12mm Ambiente UFH pipe

18mm grooved screedboard

Timber subfloor

Insulation

Joists



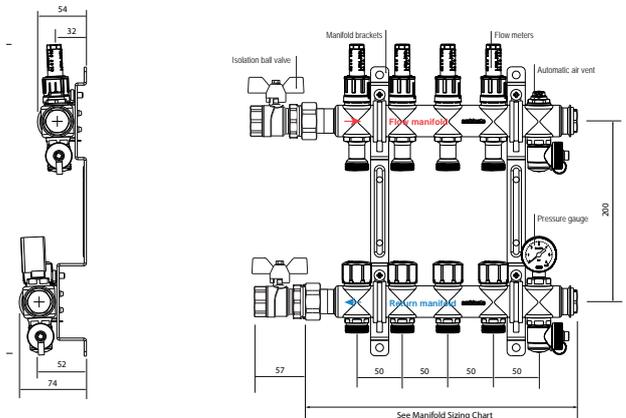
As part of our range of low floor buildup solutions, we have produced the AmbiLowBoard (SRB) system which is a development on the AmbiLowboard (EPS) system. The complete underfloor heating system is incorporated within an 18mm heavy duty screedboard. This is an excellent solution over and above the AmbiLowboard (EPS) system where the heated area is to be tiled upon with ceramics or stone and they can be laid directly on to the screed board without the need for any further layers.

The AmbiLowBoard (SRS) system can be used in existing and new build applications. It requires a flat and level sub floor for the screed board to fully support the floor finish on top. The screed board is pre-grooved to take a 12mm underfloor heating pipework.

The pipework is then laid into the grooves as per the installation drawings and taken back to the manifold to complete the circuit. The installation is completed once the manifold has been pressure tested and signed off by a site representative.

This system benefits from an improved heating output over against the AmbiLowboard system due to the thermal conductivity of the screedboard.

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.