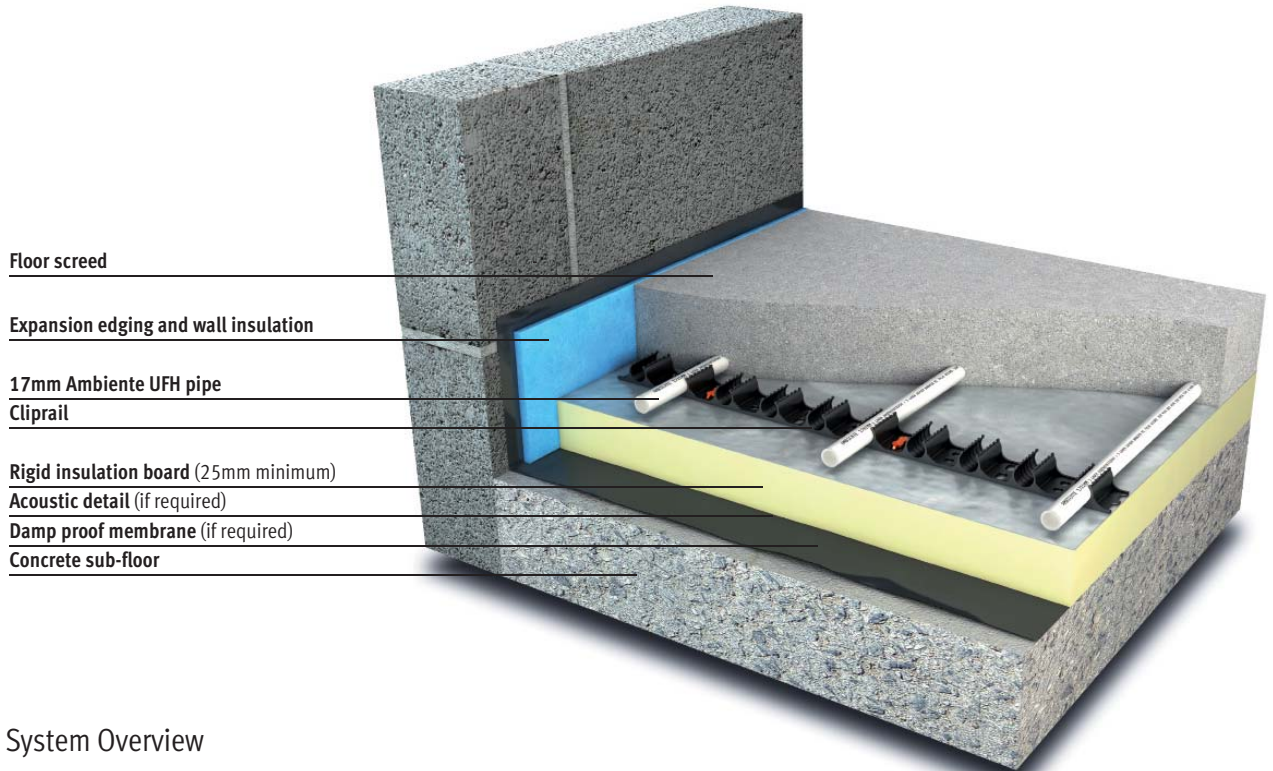


AmbiClip System Screeded Floor Construction

WMS
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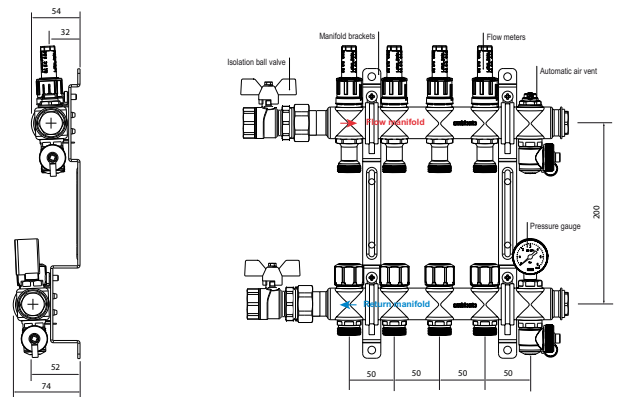
System Overview

The cliprail system is one of the most common underfloor heating systems providing a quick, flexible and effective form of heating within a screeded floor buildup.

Edge and floor insulation is installed over the subfloor on to which cliprails are then fixed to by both the adhesive backing strip and barbed staples (where insulation is not supplied, checks should be made to ensure that the insulation is compatible with the cliprail system). Once the cliprails are secured in position, the underfloor heating pipework is laid in continuous loops and clipped down in accordance with the underfloor heating design drawings. Once complete, the system is pressure tested and witnessed to finalise the installation.

We recommend that the screeding process is scheduled to follow shortly after installation to avoid leaving the system vulnerable to damage. If a liquid screed is being used, the insulation must first be sealed to provide a watertight base. 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.