

HydroHeat-Plate - Suspended Installation

It is your responsibility to carry out the correct Health & Safety procedures and use the correct PPE for each task carried out

1. Before the system is installed, the joist void must be well insulated. This can either be achieved using the 30mm pre-grooved insulation fitted to battens or boarding over the battens and using compressed soft insulation. You will also need to check the joist spacing, cutting down the insulation if necessary.

2. Fix a suitable batten to either side of the joist, lay the insulation making sure that it is level with the top of the joist. Place the insulation board at either end of the joist, ensuring returns are against the wall. Continue to lay the board until all the spaces between the joists are filled.

In areas where there will be no underfloor heating pipework, use regular insulation of the same thickness ensuring they are level with the top of the joist.

3. Start to lay the aluminium heat plates into the preformed insulation leaving a 20mm gap between each plate, ensuring no plates are touching. Fix the plates in place using small tacks to reduce movement the end returns should remain uncovered.

4. Ensure each UFH pipe is cut square using a plastic pipe cutter and not damaged. Using the euroconus feed the nut then olive over the pipe before inserting the euroconus insert into the pipe. Now connect the pipe to the manifold using an adjustable spanner. It is advised to label up each circuit using the identity stickers provided to identify which zone each loop serves.

5. Utilising the connection runs in each panel start from the manifold and run your connection pipe to the corresponding room. Start to lay the pipework into the preformed aluminium heat plates using the pipe layout design. Each insulation board will have pre-formed bend to allow for the return pipework.

6. Upon completion of the underfloor heating pipe circuits – ensure all pipework is pressure tested.

