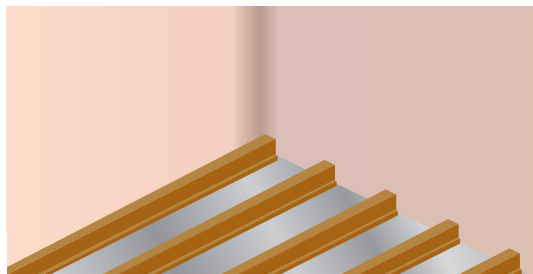


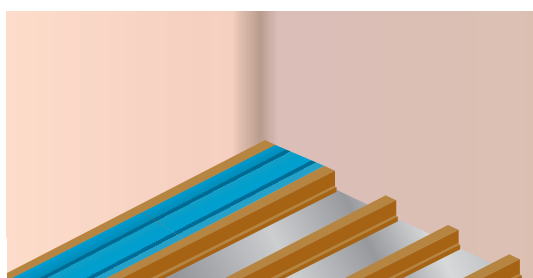
HydroHeat-Plate - Suspended Installation

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

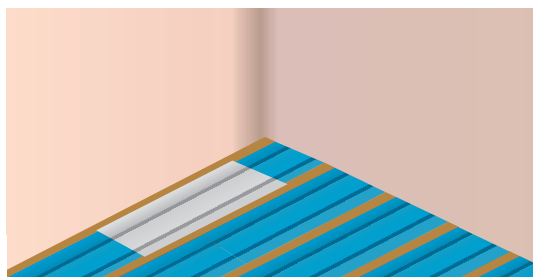
1. Before the system is installed, the joist void must be well insulated. This can either be achieved using soft insulation fitted to boarding over battens. You will also need to check the joist spacing, cutting down the insulation if necessary.



2. Fix a suitable batten to either side of the joist, deep enough to hold the insulation, then board on to the battens. Lay the insulation making sure that it is level with the top of the joist. Continue to lay the insulation until all the spaces between the joists are filled. Try to fill all areas with insulation, including areas not being heated.



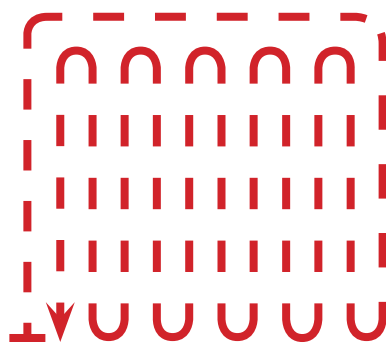
3. Start to lay the aluminium heat plates on to the joists, leaving a 20mm gap between each plate, ensuring no plates are touching. Fix the plates in place using small tacks to reduce movement.



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.



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