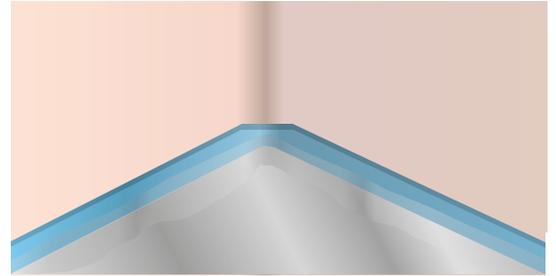


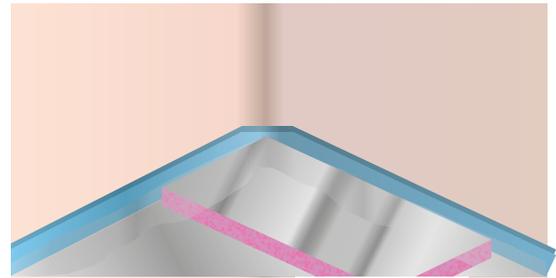
# Clip-Rail Installation

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

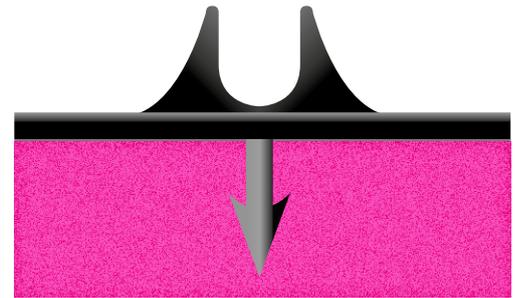
1. Install the supplied 8mm expansion foam roll around the perimeter of the room, using the self-adhesive strip to fix to the wall. This should be installed around all other building components penetrating the screed. This strip should rise from the supporting base up to the finished floor and allow for a 5mm movement of the screed.



2. Lay your insulation up against the edge insulation, ensuring the plastic flap is laid over the insulation. The insulating boards should be butted tightly together. Following this the insulation should be covered with a minimum 500 gauge polythene sheet which, where needed, should be overlapped by a minimum 80mm and taped together. The edge insulation should also be taped down at this point.



3. Fix the rails to the insulation (staples welded to the underside) at no more than 1000mm apart. If the clip-rails are spaced more than this you will require more staples to secure the pipe. At the returns 3 additional staples are Required.



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. Following the HydroHeat pipe layout design, begin to lay your pipe from the manifold location in a serpentine or spiral pattern and secured into the Clip-Rails. Each return requires 3 staples one either side and one in the middle. Continue this until all circuits are complete.

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

