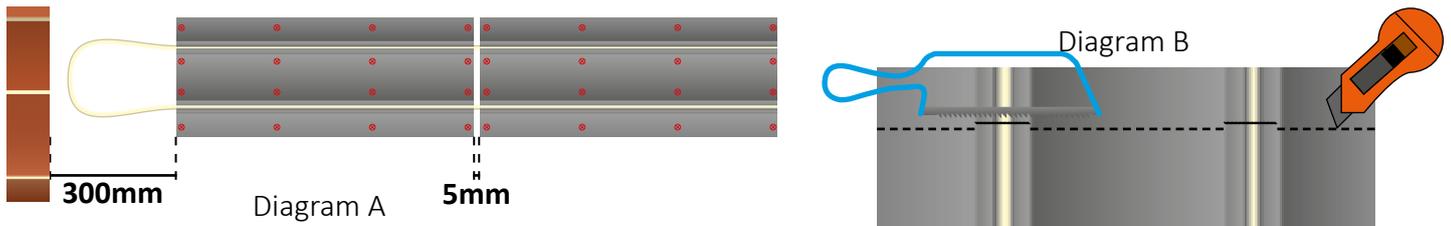


FFB HydroHeat Plates Installation

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

1. Using the HydroHeat CAD design, place the FFB HydroHeat plates to the underside of the floor. You may use any suitable fixing (screws, nails or staples), but it must not be thicker than the floor your fixing to and must hold the plate flat to the surface. The plates must be spaced 5mm apart and 300mm away from the walls to allow for the pipe to return. If the plates need cutting cut the channels with a hack saw and score the flat surface with a Stanley knife then bend the plate along the scored section and it will snap away.



2. Notching the joists must be done in accordance with the joist manufacturers guidelines and in accordance with Building Regulations Part A such that:

A) Holes should be drilled through the neutral axis and should be positioned between 0.25 and 0.4 times the joist span length.

B) Must not be less than 3 diameters (of the hole) apart.

C) Notches must not deeper than 0.125 times the joist depth, and they should not be closer to a support than 0.07 times the span, not further away than 0.25 times the span.

Following the HydroHeat CAD design notch the joists where needed and ensure there's enough room for all pipework required to pass through any one area.

When passing through joisted areas ensure the pipe is protected, using conduit where ever the pipe in contact with metal.

3. Feed the pipe through the joists to the furthest run in the circuit, see diagram C section 1, and run it back to the manifold. Push the pipe up in to the plates. Now pulling on the pipe that is not connected to the manifold pull it down each joist run starting from the furthest run from the entry point in to the room, diagram C sections 2-4.

