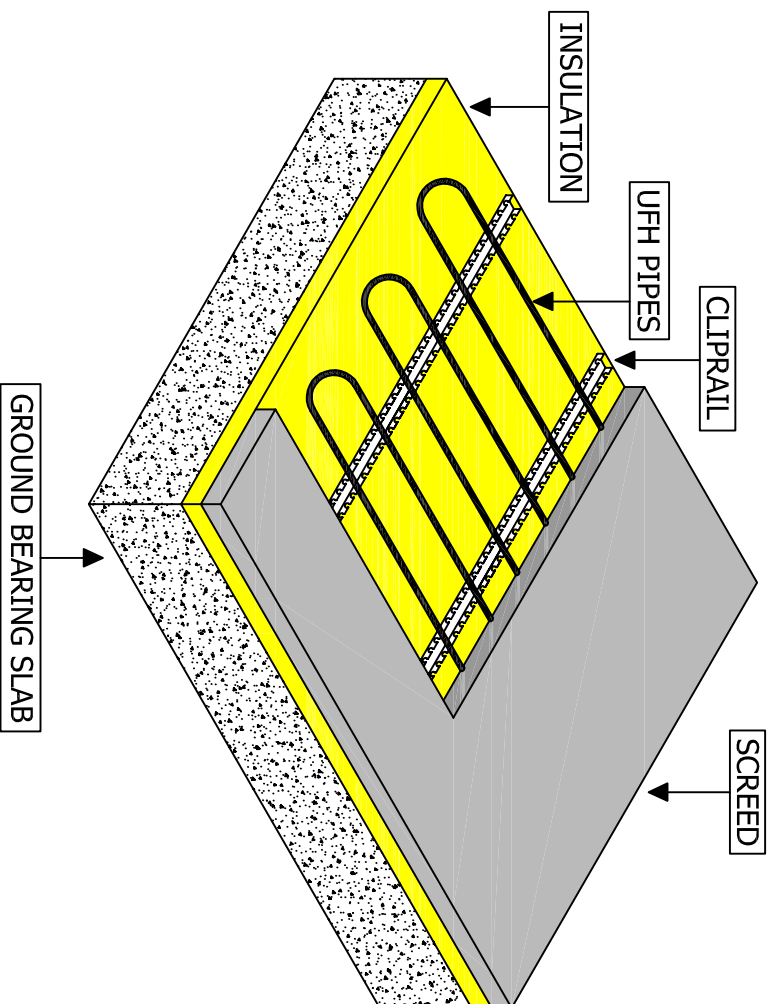


## SCREED SYSTEM

The Screed system is where the underfloor heating pipes are incorporated within a solid floor structure. Interlocking cliprail is fixed directly onto the floor insulation. The underfloor heating pipe is pushed into the cliprail and pinned with plastic pipe staples.

NB:- The Heated Floors fixing system is suited to most floor insulation products, however a variation is to lay A142 builders mesh directly down on to the floor insulation and secure the pipe with cable ties.



## PLATE SYSTEM (CROSS BATTENED)

The Plate system is generally used for a suspended floor. Insulation should be fixed flush with the top of the existing joists to prevent downward heat loss. Battens are fixed at 400 mm centres at 90 degrees to the existing joists.

Aluminium trays are then laid and stapled into position and the underfloor heating pipe is pressed into the grooves within the trays.

The pipe warms the trays and the heat is spread across the floor. Chipboard or plywood can then be laid and fixed to the battens.

NB:- Battens can be notched for pipe cross overs without effecting the structural integrity of the joists. Plates can be fitted directly between existing joists set at 400 mm centres although this is not always practical.

