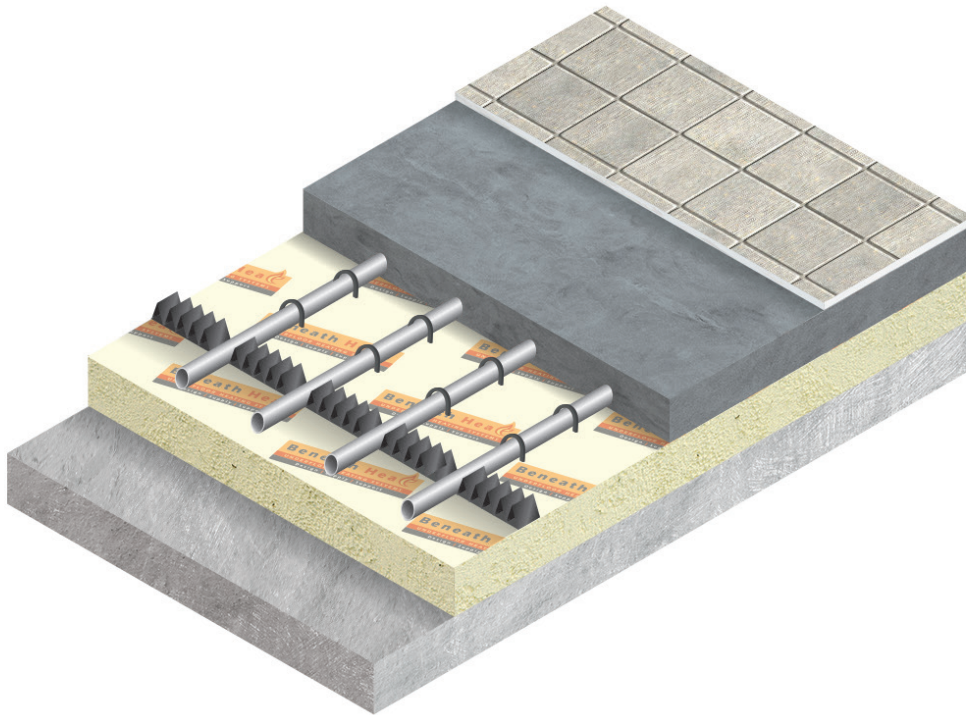


## Clip & Rail System

### Typical Floor Build up



### System Information

The Beneath Heat '**Staple & Rail System**' has been developed to be used in combination with floor insulation panels to provide a secure method of securing the pipes to the insulation layer below.

The Beneath Heat '**Staple & Rail System**' is used for screeded floors.

### Installation

1. Edge insulation is fitted around the perimeter of the heated room providing a barrier against heat loss and expansion.
2. Insulation panels are laid covering the complete floor area.
3. 500 gauge black polythene is then laid over the complete area.
4. Rail is then laid at 1m centres across all areas which are to be heated.
5. Beneath Heat pipework is then laid in accordance with the Beneath Heat design provided. Pipe is secured to the layers below with the rail in combination with staples.
6. Beneath Heat pipework is connected to the manifold, filled & tested in preparation for screeding.