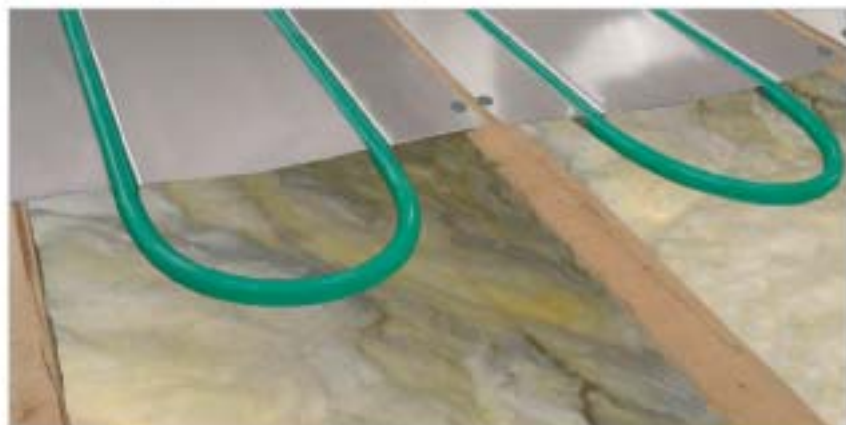




LIGHTWEIGHT SCREED SUSPENDED FLOORS

This system provides an alternative to aluminium heat conductors where an insulation, such as polyurethane, simply rests on supports and the pipework is clipped to it. A lightweight screed is then laid above and around the pipes, filling the void until it is flush with the top of the joists, providing a substrate for the fixing of a wooden floor.



FFA PLATED

Suitable for application where suspended timber floors are to be installed, without raising the floor level. To accommodate this, aluminium heat conduction panels are fitted between the joists and nailed or stapled in place. With joist centres of 400mm, a plate 388mm* wide is used, having two channels along its length, on 200mm centres (*other sizes are available to order). Underfloor pipe is run in the plate channels in a snake pattern, with the pipe turning between the joists at one end and through a notch cut into the joist at the other.

The aluminium heat conduction panels should be fitted to standard joist centres on 400mm. 100mm insulation must be fitted below the plates. Once all the underfloor heating pipe work is fitted, this is again pressure-tested with water or air to ensure any damage resulting in a leak will be immediately obvious.

FFB PLATED

This system employs single channel heat conduction panels 1000 x 170mm: other sizes are available to order. It is installed from below when the floorboards are already in place. Joists are drilled to receive any return pipework and after the system has been installed insulation

material - minimum 100mm Rockwool or equivalent fibreglass - is packed in position and the ceiling fitted. NB: Since wooden floors offer more resistance to the passage of heat, it is important that any heat conductors are in direct contact with the underside of the floor to maximise the efficiency of the heating system.

