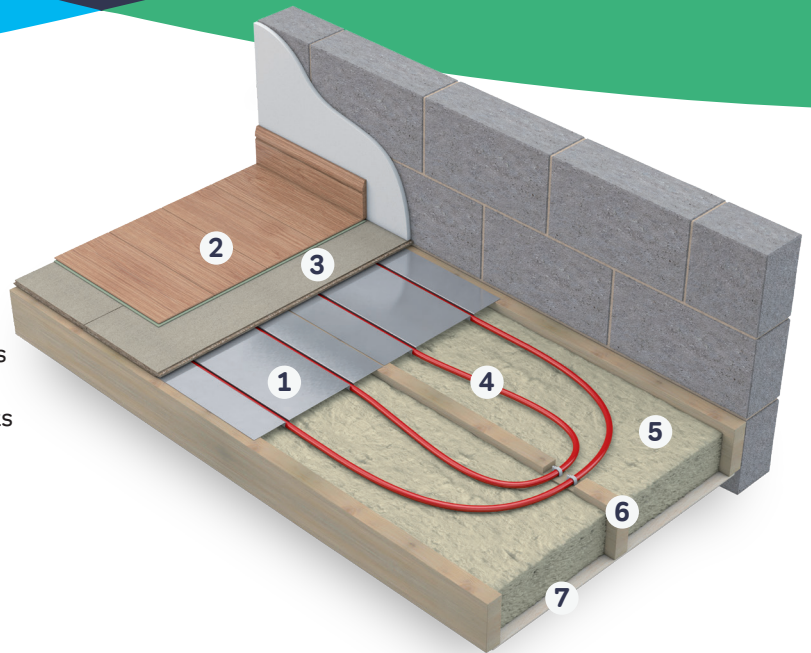


Wavin Joisted Diffusion Plate

System Construction

1. Diffusion plates
2. Floor finish: tiles, carpet, wood etc
3. Chipboard flooring
4. Wavin UFH pipe
5. Loft wool insulation, ground floors to building regulations
6. Floor joist centres 400mm – 450mm
7. Temporary chipboard/plywood deck to underside of joists



- The Wavin joisted diffusion plate system comprises of aluminium diffusion plate fixing system with compressible or rigid insulation between the floor joists.
- Wavin metal diffuser plates are pre-formed with inset pipe grooves and are fixed to the top of the floor battens.
- Wavin PB pipe work is slotted into the plate's pipe grooves and circuited throughout the heated floor
- Where this system is used on ground floors, the thermal value of the insulation used must be suitable for the floor to meet the requirements of part L Building regulations.
- The diffusion plates may bow upon installation of the pipe work; this will have no detrimental effect to the output of the system.
- The underfloor pipework is connected to the Wavin manifold, filled with water, and pressure tested.
- The final floor finish can then be laid. The underfloor heating pipework must remain under pressure throughout this application.