



FLOOR CONSTRUCTIONS

Floating Floors

Overview

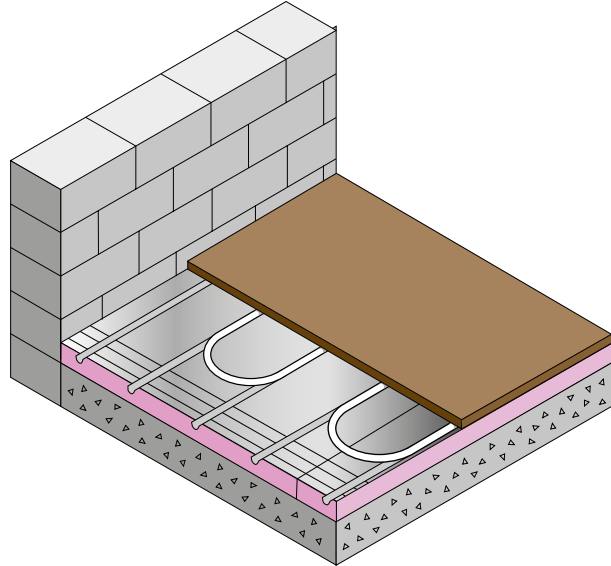
Maincor's 20mm Floating Floor System incorporates a routed board of extruded polystyrene that has aluminium foil bonded to the upper side.

The panels are designed for use with 16mm Pipes, laid at 200mm centres. The response time of the system is a lot faster than traditional screed floor heating system, due to the low system mass and effective control can be made simpler.

Having pre routed pipe channels at even spacings, ensures an even heat distribution to the floor surface without creating sharp variations in surface temperature across the floor.

As well as acting as a structural element by supporting the floating floor above, the 20mm extruded polystyrene offers a layer of insulation and reduces downward losses. In many cases, additional insulation may be required to comply with Part L of the Building Regulations.

The system is intended for use with T&G panels left floating above the level of the insulation and the floor must have sufficient strength to support furniture and traffic in the room.



Features and Benefits

- Dry alternative to wet screed systems which reduce the time on site, benefiting the build programme
- Panels are pre-routed for rapid installation of pipe
- Bespoke panel thicknesses can be produced to meet project requirements
- Full panels covered by aluminium layer ensuring an even heat distribution

Key Components

Maincor Pipe Coils



Maincor MLCP, PE-RT/AL/PE-RT overlap welded aluminium Multi-Layer 100% barrier Composite Pipe. Maincor PERT Pipes with including internal EVOH oxygen barrier in accordance with DIN 4726.

Floating Floor Panel



Maincor Floating Floor Panels are for use with 16mm pipe. The panels are made from pre-routed extruded polystyrene (grade KF300) and have an aluminium foil bonded to the upper side. When used in ground floors, additional insulation may be required to comply with Part L of the Building Regulations.