

FLOATING FLOOR CONSTRUCTION



HYPERION

MERCURY HYPERION is a floor system designed to be installed on solid or timber floors. The sub-floor is required to be flat and level to support the grooved floating floor panels. For a successful install, the floor surface must have a regularity of SR2 or better.

HYPERION offers a level of thermal insulation and can reduce the weight of the building structure. The system is available in a number of different insulation types and thicknesses, depending on project requirements.

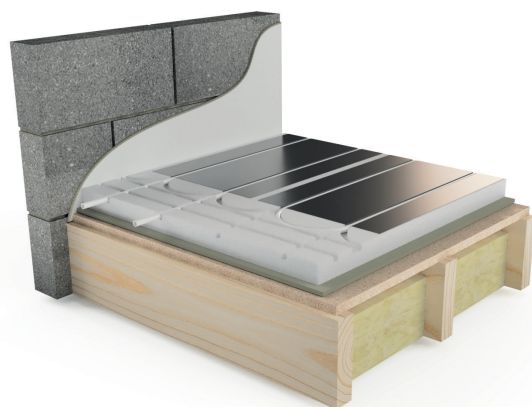
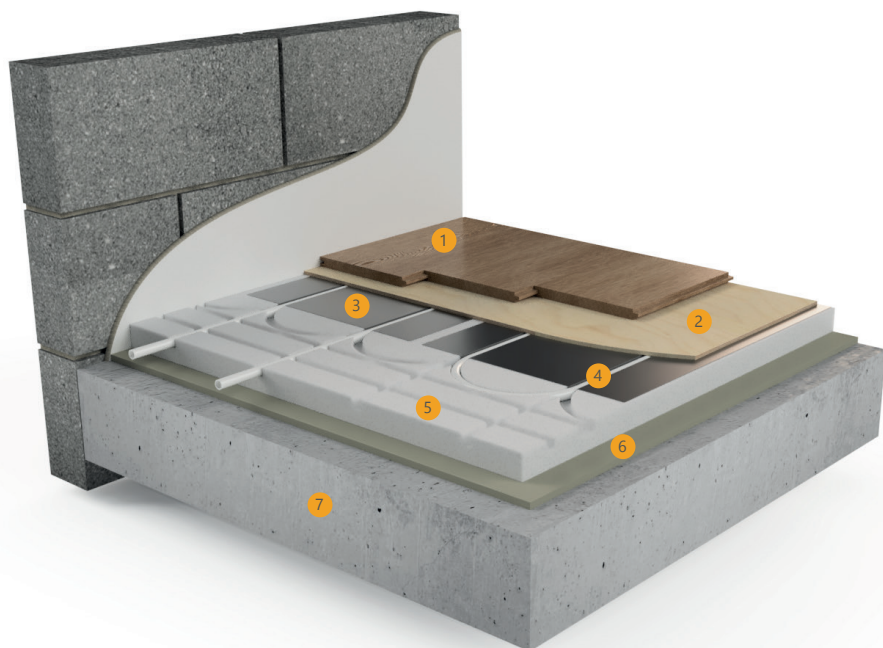
The grooved floating floor panels are laid onto the sub-floor. Aluminium heat emission plates are then laid onto the floating floor panel to cover approximately 80% of the heated floor area followed by the pipe in continuous loops prior to the timber or ScreedBoard® deck being installed. MERCURY P16, M16 or P20 is used, depending on the application.

If an acoustic layer is needed, an additional layer can be supplied to be installed beneath the floating panels to meet the projects individual requirements.

Top Tips!

A 10mm gap should be left between adjoining plates to ensure they do not touch each other. The heat emission plates must not be overlapped.

The pipe and manifold should be pressure tested following installation with the floor deck laid shortly after the underfloor heating installation.



- 1 Floor covering
- 2 Timber deck / Collecta Screedboard® 20
- 3 Aluminium heat emission plate
- 4 MERCURY 16mm/20mm UFH pipe
- 5 Floating floor panel
- 6 Acoustic layer (if required)
- 7 Concrete or timber sub-floor