

FLOATING FLOOR CONSTRUCTION

MERCURY HALO - FLOATING FLOOR PANELS WITH ALUMINIUM FOIL



UNDERFLOORHEATING
DESIGN | SUPPLY | INSTALLATION

MERCURY HALO is a system designed to be installed on timber & solid 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.

HALO 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 with aluminium foil are laid onto the sub-floor, followed by the pipe in continuous loops prior to the timber or ScreedBoard® deck being installed. MERCURY 16mm or 20mm pipe is used, depending on the application.

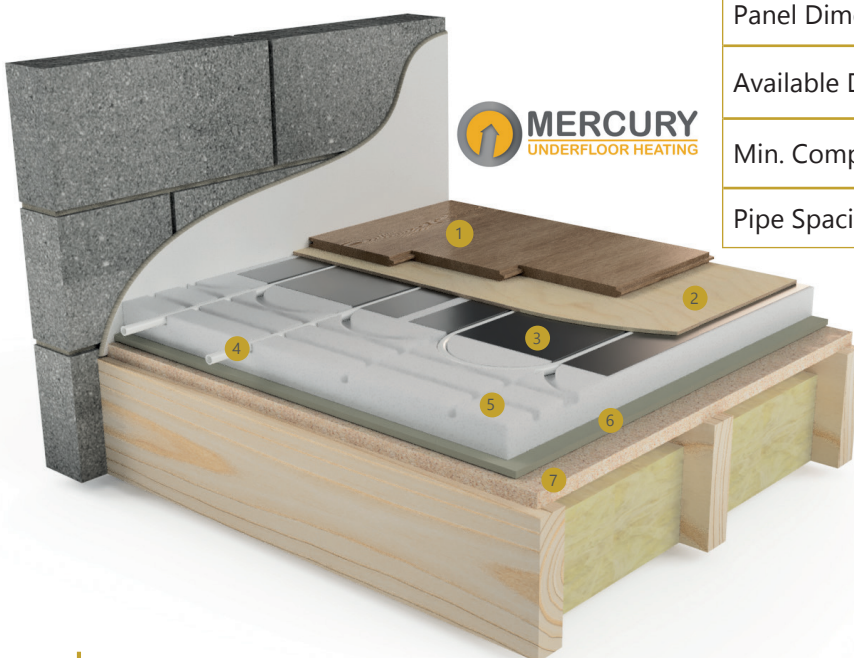
If an acoustic layer is needed, an additional layer can be supplied to be installed beneath the floating panels to meet the projects individual requirements.

A 10mm gap should be left around the perimeter to allow for expansion.

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

TOP TIPS!

Base Material:	XPS with 100 micron foil sheet
Thermal Conductivity:	0.033 w/m°C
Panel Dimensions:	1250mm x 600mm (0.75m²)
Available Depth:	20mm 25mm 30mm 40mm 50mm
Min. Compressive Strength:	250 kPa
Pipe Spacing:	150mm 200mm



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

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