

SCREED FLOOR CONSTRUCTION

MERCURY ATLAS - STAPLE SYSTEM



UNDERFLOORHEATING
DESIGN | SUPPLY | INSTALLATION

MERCURY ATLAS is a commonly used underfloor heating system that provides a quick, flexible and simple solution for heating within a screed floor.

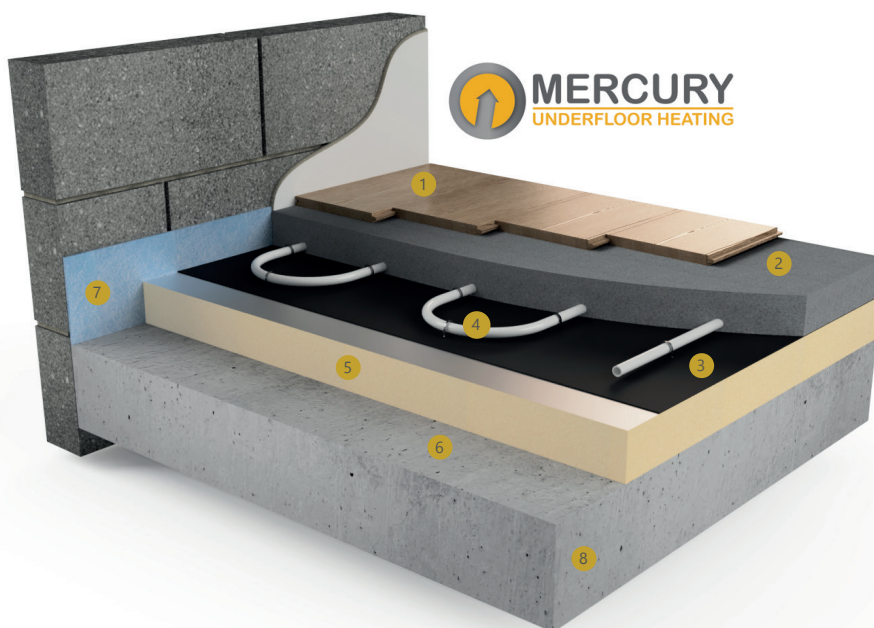
MERCURY 16mm or 20mm pipe is used depending on the application and laid in continuous loops, held in place by staples with a barbed end to fix into the insulation (typically PIR/PUR insulation with a vapour control layer, as per manufacturer guidelines).

Clamptrack can be used to provide additional fixing for the pipe when required and MERCURY recommend this option when flow screed is used.

A perimeter insulation is required around the walls with either insulation upstands or a foam edging.

TOP TIPS!

- A minimum insulation depth of 25mm is required when using the staple fixing method.
- The pipe and manifold should be pressure tested following installation.
- Lay the floor screed shortly after the underfloor heating installation. A minimum 50mm flow screed or 65mm sand & cement screed is required.



- 1 Floor covering
- 2 Screed
- 3 Slip layer (vapour control layer)
- 4 MERCURY 16mm/20mm UFH pipe & staples
- 5 Floor insulation
- 6 Acoustic layer (if required)
- 7 Perimeter insulation
- 8 Concrete sub-floor

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