

LOW PROFILE FLOOR CONSTRUCTION

MERCURY STELLA CEMENT Cement Reinforced XPS



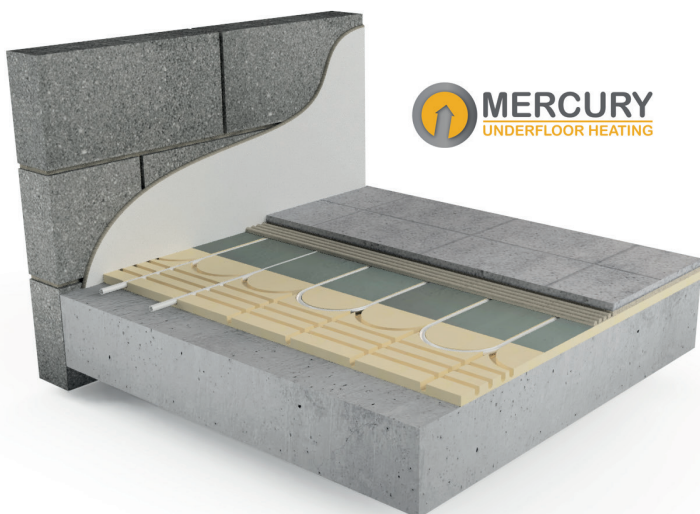
UNDERFLOORHEATING
DESIGN | SUPPLY | INSTALLATION

Mercury Stella Cement is a low profile insulated underfloor heating board designed to streamline your installation process. With cement coatings on both faces, these boards offer the ideal surface for direct application of tiles or wood flooring with underlay. Whether you're renovating or embarking on a new build project, Mercury Stella Cement provides a hassle-free underfloor heating installation.

Crafted from high density extruded polystyrene and boasting a slim profile of 16mm or 20mm, the pre-routed board can support a variety of flooring materials from tiles to wood, making it adaptable to diverse project needs and can be laid over existing floors, saving installation time. Panels can be either bonded or mechanically fixed to the floor which should be clean and flat for best results.

- Panels are **not** suitable for laying directly onto joists and must have a supporting floor surface such as plywood, floor grade chipboard or similar.
- UFHN recommends priming the top of the Stella cement panels prior to laying the floor finish. Always check with your flooring contractor.
- For soft floor finishes i.e carpet or LVT, it is essential to cover the panel with a minimum of 10mm thick, flexible cement based Mapei Renovation Screed 3240 (subject to your flooring contractors recommendations).
- Ideal for use in bathrooms and where there is exposure to moisture.
- Solvent based adhesives must not be used. UFHN recommends Mapei Keraflex Maxi S1 for optimal bonding performance.

TOP TIPS!



Base Material:	Cement reinforced surface XPS
Thermal Conductivity:	0.033 w/m ² K
Panel Dimensions:	1200mm x 600mm (0.72m ²)
Panel Depth:	16mm or 20mm
Pipe Diameter	12mm pipe for 16mm panel 16mm pipe for 20mm panel
Pipe Centres:	150mm
Panel weight:	2.48 kg
Min Compressive Strength:	400 kPa

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