

TOPREN low profile Installation Guide



UFH1
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TOP10

This document is not a definitive installation guide as it cannot cover all scenarios. This should be used in conjunction with manufacturers data/technical sheets for specific products incorporated within the installation. Refer to the UFH1 Installation guide for manifold installation, filling and venting, pressure testing, commissioning etc.

Subfloor

The installer should ensure that the subfloor is suitable, strong and stable enough for the complete flooring build up/system. The floor must be flat, if you are in any doubt please contact us. Any discrepancies in the floor could cause the boards to rock, this can create potential cracking/movement in the floor coverings and should be sorted before laying the boards.

Installation

1. The floor must be free of any obstructions.
2. Fit expansion strip around all walls.
3. Loose lay the gypsum boards taking note of the UFH CAD layout. The boards should not be glued or screwed.



3. For areas where pipes are close together, like the manifold section, door ways and loops running through other areas, leave these areas free of boards and complete when the pipe is predominantly fitted. For these areas, use grip rails (if supplied) and/or board offcuts and then it will be filled with the compound provided.



4. Once you are satisfied that the boards are in the correct position for the pipe you can start laying the pipe as per the UFH CAD layout.



5. Once the pipe are all installed Prime the substrate using Ultra Tile Fix Pro Primer/MSP or equivalent. The primer should be diluted 3 parts water to 1 part primer and allowed to fully dry, which usually takes around 1-2 hours depending on conditions. Please refer to fitting primer fitting instructions.

6. Once the primer on the substrate is dry, apply the UltraTile ProLevel Ultimate compound supplied. This should be mixed as per manufacturers instructions on bag. This is scraped flush with the boards to fill all air gaps using the scraper provided or a float. Each bag will cover approx 4.5 boards and 1m² of areas without boards.



7. You can usually walk on the compound after 2 hours and can receive floor coverings after 24 hours.

Tiling and wood/laminate floors can then be installed straight over. For carpet, Amtico/Kardean etc Levelling compound. If using levelling compound before the floor covering (which would increase performance of the UFH system), UltraTile ProLevel (supplied by us) with Pro primer. Alternatively you can use Ultimate Mapei Eco Prim Grip followed by Mapei Ultraplan Renovation Screed 3240 to a minimum of 5mm depth should be used.