



UFHT TechnoClip Screeded UFH system

This system is based on using a screeded floor system with 16mm Pert/Al/Pert underfloor heating pipe secured to the floor insulation (**by others**) at the required centers using barbed plastic staples.

UFHT TechnoClip underfloor heating consists of an edging strip laid around the external and internal wall, the insulation matting laid onto the concrete slab. Flow and return manifolds and heating pipe work. The heating pipe work is connected to the flow manifold and then laid out in the required pattern as per the drawings supplied. Pipes are held in place with U Clips which are fixed using the 'Tacker'. Finally being connected to the return manifold. Underfloor heating layouts are designed to have no joints other than the connections onto the manifold. Prior to the screed being laid the underfloor heating pipe work should be filled with water, or air and pressure tested to 3 bar gauge. This pressure should be maintained during screeding to ensure any damage resulting in a leak is spotted immediately. Following curing of the screed the heating can be turned on and the flow temperatures slowly elevated.

UFH pipework laid 150mm UFH pipecentres will produce 100 Watts/m² on a flow temperature of 45°C.

Pert/Al/Pert - Polyethylene pipe with protected oxygen barrier. 16mm o/d with 2mm thick wall. Rated at 6 bar at 90C and conforming to DIN4726 and BS7291 and carries a full 12 year manufacturers defects warranty with £2,000,000 Professional Indemnity Insurance covering design.

