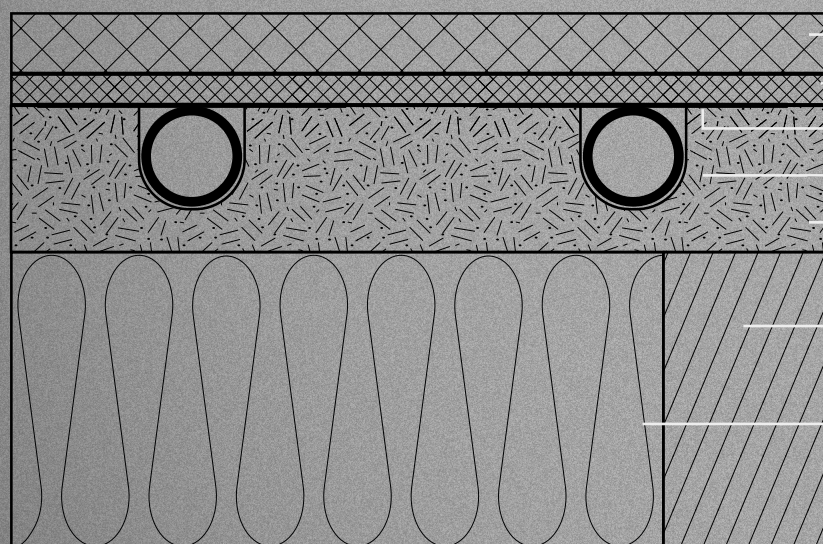




UNDERFLOOR HEATING SYSTEMS SPECIFICATIONS



- Finished floor
- 6mm engineered timber board
- Foil faced tape
- Oxygen barrier pipe
- Tongue & groove panel
- Joist
- Insulation

SPECIFICATION

Base™ STRUCTURAL IN-BOARD SYSTEM. Oxygen barrier pipe installed to pre-routed 2400mm x 600mm x 22mm tongue & groove panel. Panel glued and screwed to 400mm centre joists. 6mm engineered timber panel installed to tongue & groove panel.

STRUCTURAL IN-FLOORBOARD SYSTEM

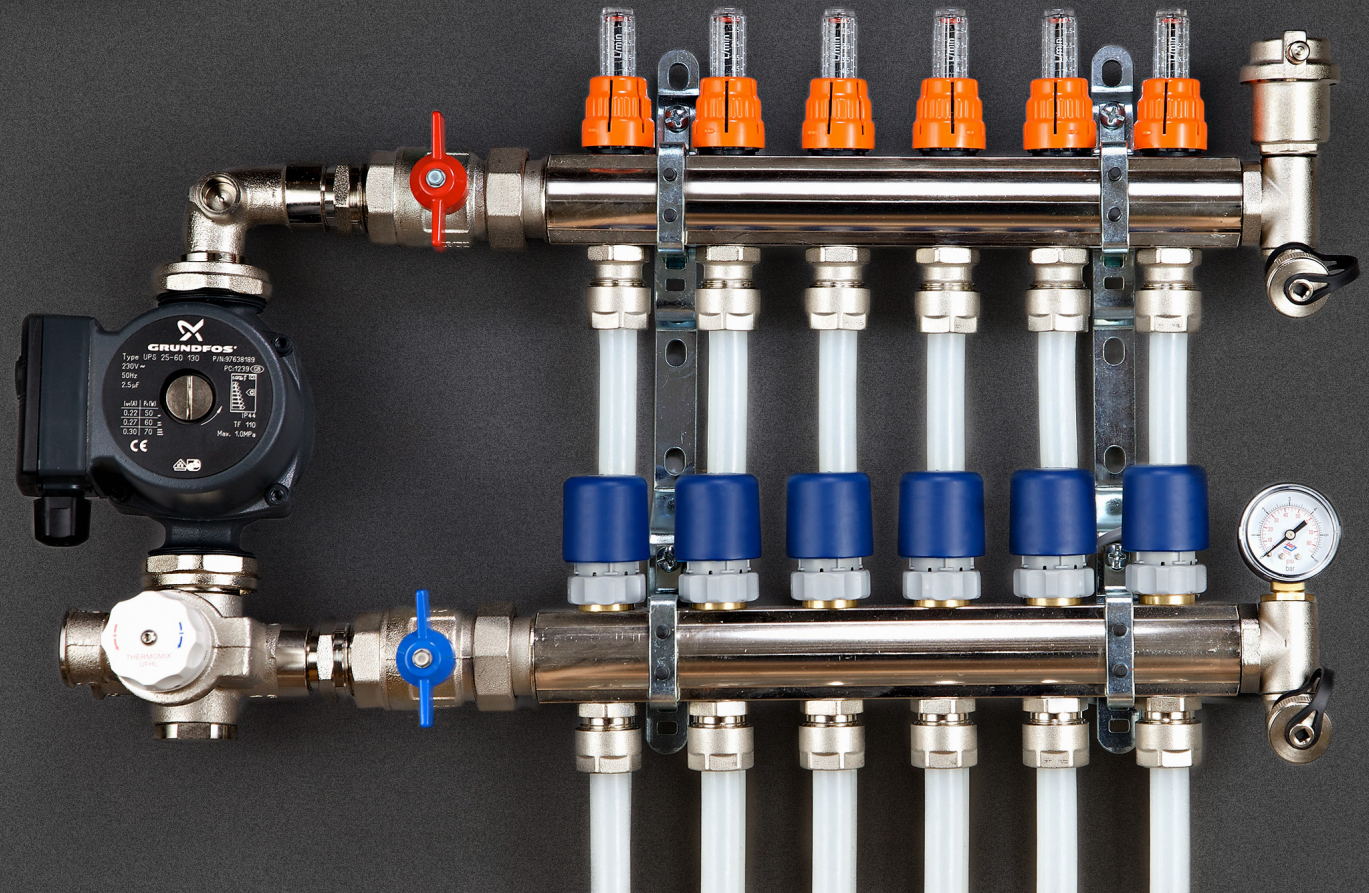
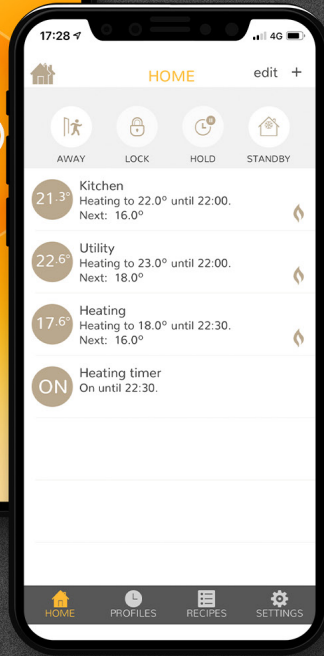
SYSTEM

- » Base™ STRUCTURAL IN-FLOORBOARD SYSTEM incorporating 15mm oxygen barrier pipework specifically designed to fit directly on to joist as a structural floor to be laid over 400mm centre joists
- » Pre-grooved flooring panels offer an alternative solution to traditional flooring systems incorporating the underfloor heating pipework and structural floor in one panel
- » Panel offering a low system build up from only 22mm plus a 6mm engineered timber board to cover
- » 15mm pipework is tightly encased within pre-grooved channels with additional aluminium heat diffusion tape covering pipework ensuring additional system output and even heat distribution across floor
- » Base™ flooring panel 1200mm x 600mm x 22mm flooring grade tongue & groove panel

SYSTEM INSTALL

1. Tongue and groove flooring panel installed directly on to floor joists according to system design layout. Panels to be screwed and glued directly to floor joists with tongue and grooves fully glued (Additional insulation specification in accordance with required thermal performance and current building regulations to be installed below flooring panel by other)
2. 15mm pipework to be installed in to pre-grooved routed channels with additional aluminium heat diffusion tape installed over pipework with 6mm engineered timber board to be installed over 22mm panel
3. 15mm pipework to be installed directly into pre-grooved channels in continuous lengths from distribution manifold spaced according to underfloor heating design with pipework to drop between joist space if required for suitable flow and return route to manifold location
4. Base™ flooring panel to be additionally routed as required to allow pipe installation route in accordance with pipe layout design (additional underside support required)
5. Pipework to be pressure tested and remain under pressure





MANIFOLDS AND CONTROLS

Base™ Oxygen Barrier Pipe

BaseUFH Oxygen Barrier pipes are high performance multilayer pipes that are both flexible and extremely resilient. Constructed from a superior cross linked polyethylene, our pipes benefit from a much higher resistance to both heat and pressure compared to other forms of oxygen barrier pipes, resulting in much greater strength and durability.

- » 100% impermeable oxygen barrier
- » Operational temperature up to 90°C
- » Retains shape for ease of installation
- » Maintenance free.
- » Meets EN ISO 15875-1:2004
EN 1264-4: 2001 standards.

SYSTEM CONTROLS

Our comprehensive range of innovative system controls offer the ultimate in both stylish, discreet design, coupled with intuitive, user friendly operation.

Our hardwired and wireless thermostats offer an extensive range of control options, to include touch-screen, wifi, networked and via mobile app (Apple and Android platforms)



MANIFOLDS

Our precision engineered Base™ Nickel plated manifold offers complete system control through the utilisation of adjustable flow gauges, mixing valve and 'A' rated pump. The distribution of low temperature warm water is precisely regulated to each individual zone of the underfloor heating system.

