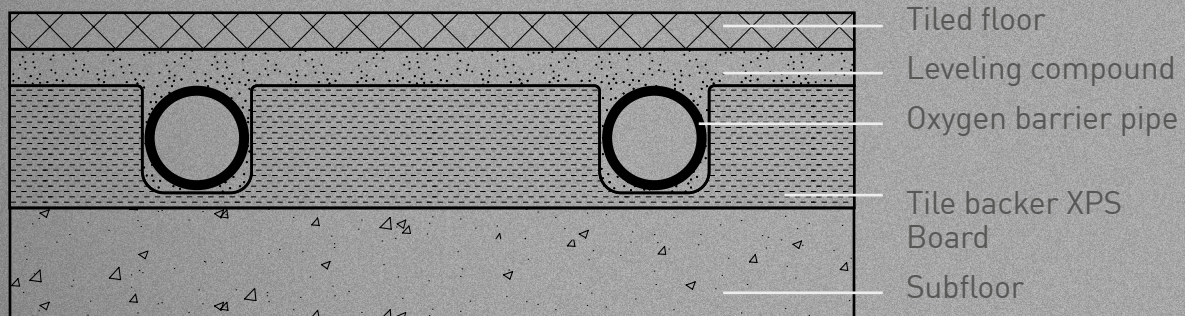
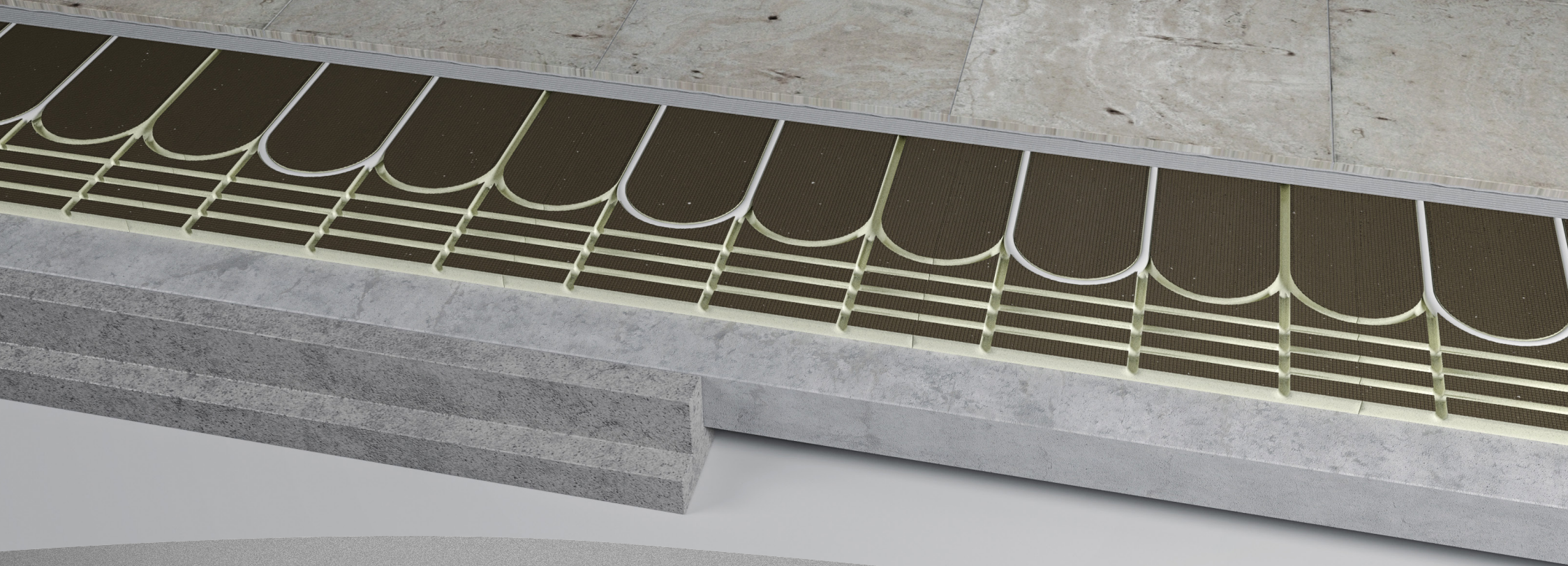




UNDERFLOOR HEATING SYSTEMS SPECIFICATIONS



SPECIFICATION

Base™ TILE BACKER XPS SYSTEM to incorporate oxygen barrier pipe to be installed to pre-routed panels. Additional screed option for tiled finish. Installation and design in accordance with pipe layout design.

TILE BACKER XPS SYSTEM 1

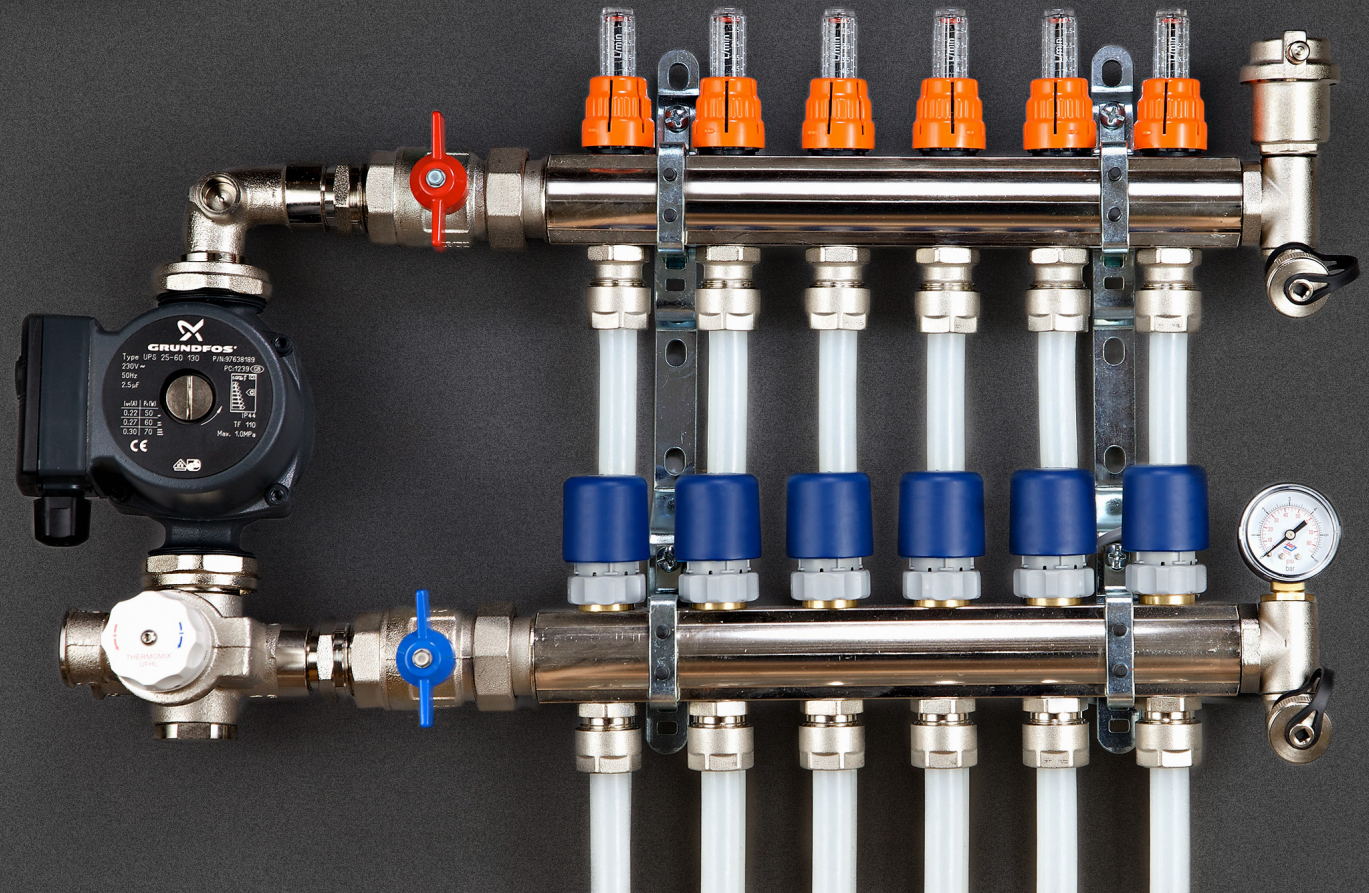
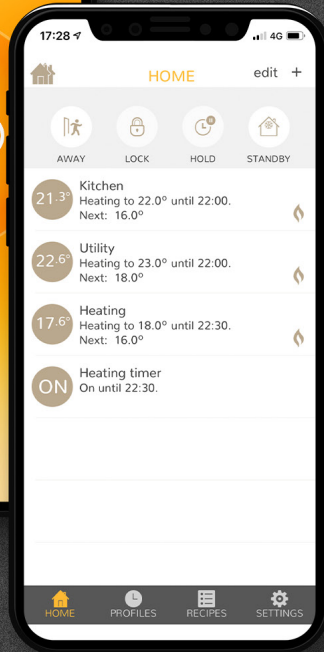
SYSTEM

- » Base™ TILE BACKER XPS specifically designed to fit directly on to sub-floor construction
- » Pre-routed panels offer quick installation with ability to be cut to exact size required in accordance with design
- » Oxygen barrier pipe fits directly into pre-routed panel offering a low system build up from only 20mm
- » Pipework is tightly encased within pre-routed panel ensuring even heat distribution across the floor area
- » Panels offer quick system response

SYSTEM INSTALL

1. Pre-routed panels installed directly on to subfloor according to system design (additional insulation to be installed below panel in accordance with required thermal performance and current building regulations).
2. Oxygen barrier pipe to be installed directly into pre-routed panels in continuous lengths from distribution manifold, spaced according to underfloor heating design.
3. Levelling compound applied to all routed sections of boards not filled with pipework. Different floor finishes require additional leveling compound depths.
4. 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.

