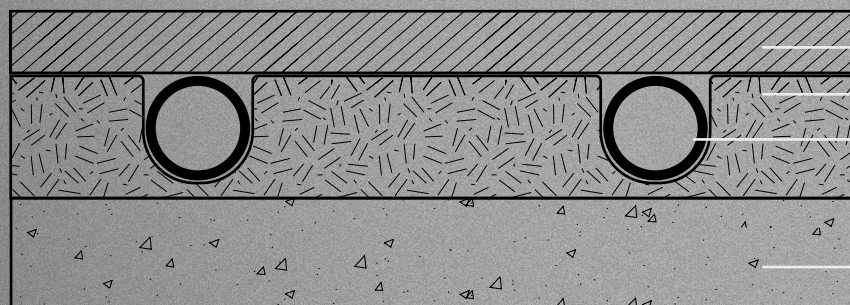
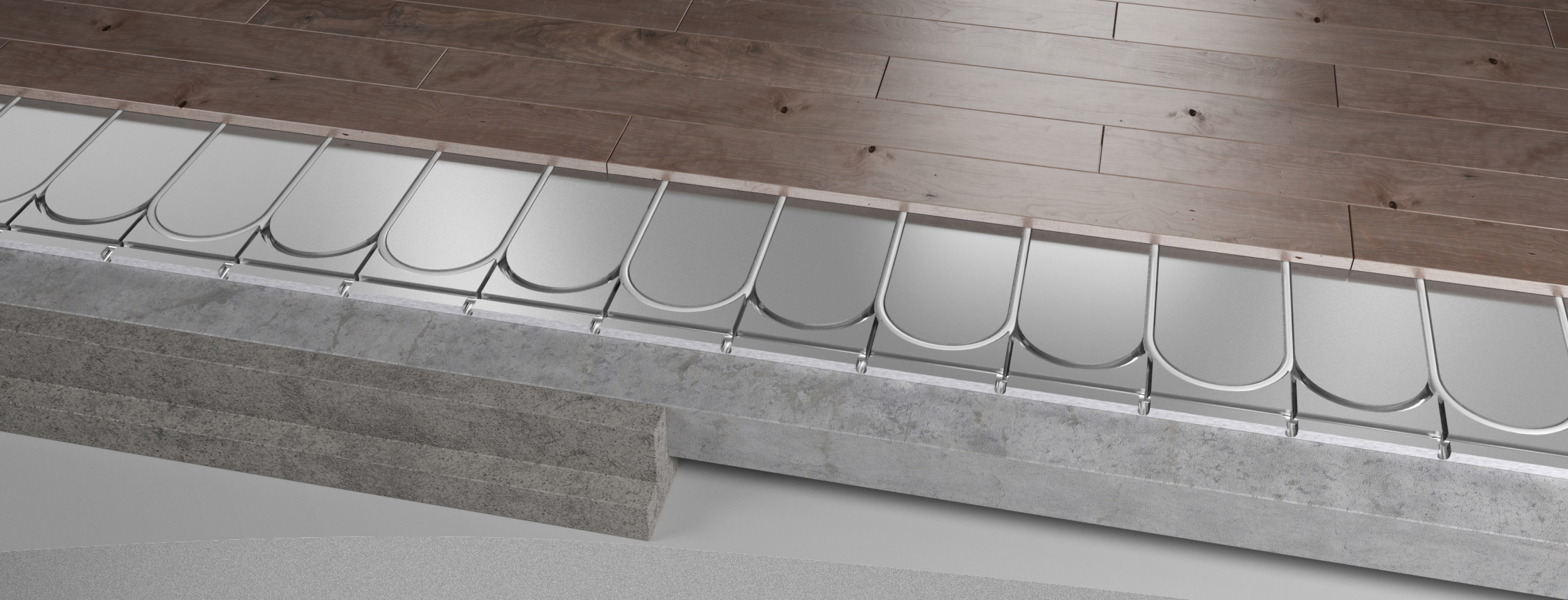




UNDERFLOOR HEATING SYSTEMS SPECIFICATIONS



Flooring

Pre-grooved foil faced
XPS insulation

16mm Aluminium
barrier UFH pipe

Subfloor

SPECIFICATION

Base™ FLOATING FOIL FACED XPS SYSTEM to incorporate 16mm Aluminium barrier UFH pipe to be installed to pre-grooved foil faced XPS insulation panel. Installation and design in accordance with pipelayout design.

FLOATING FOIL FACED XPS SYSTEM

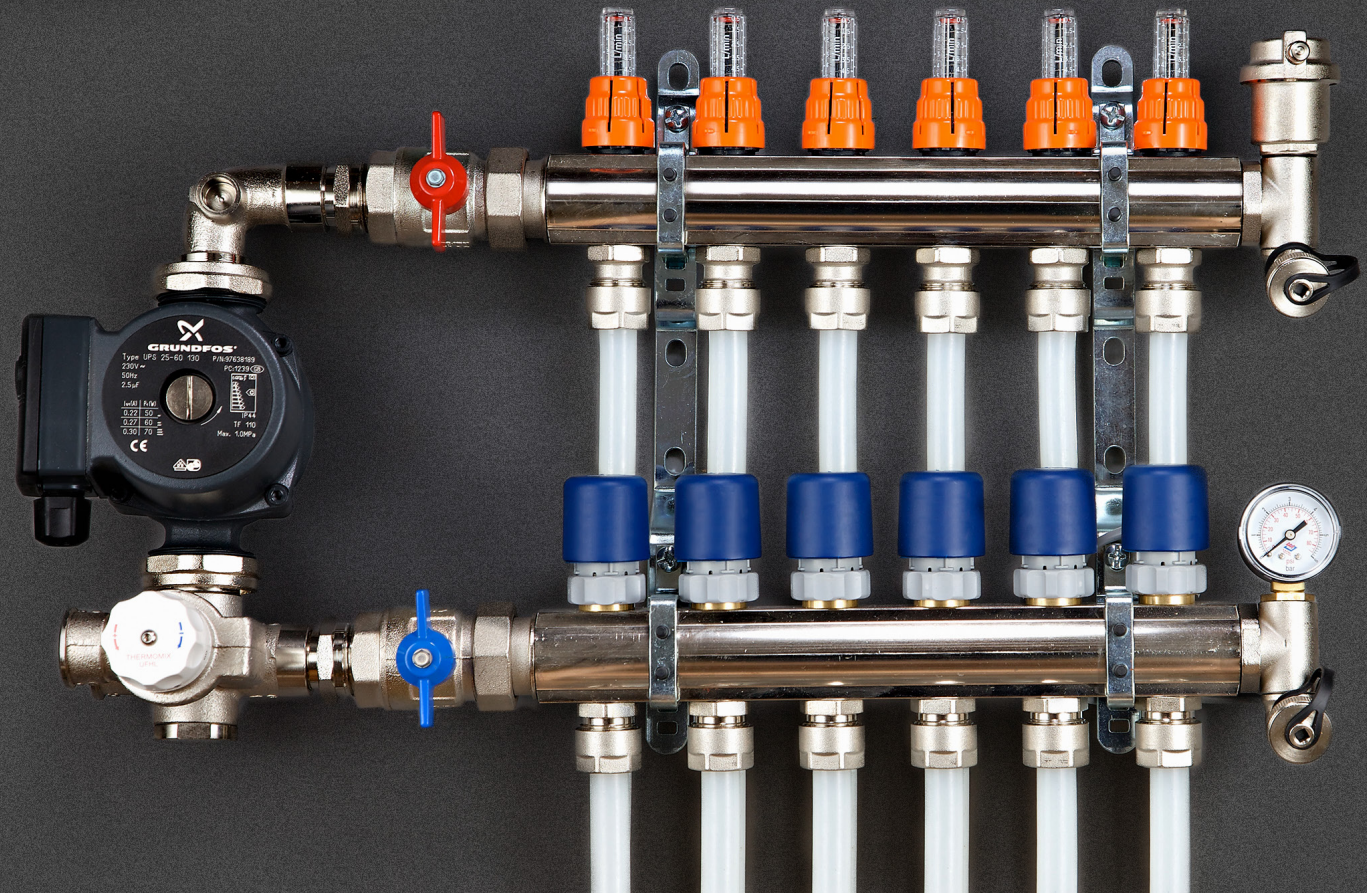
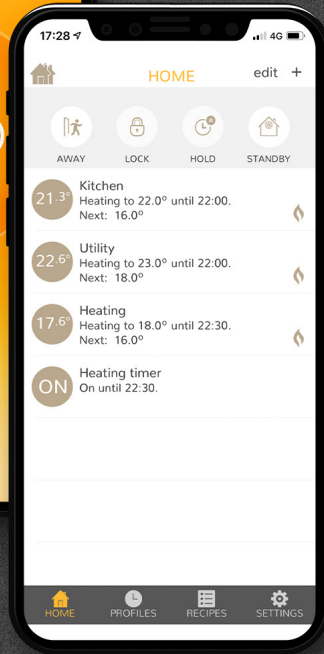
SYSTEM

- » Base™ FLOATING FOIL FACED XPS SYSTEM specifically designed to fit directly on to sub-floor construction
- » Pre-grooved foil faced XPS insulation panels offer quick installation with ability to be cut to exact size required in accordance with design
- » Pre-grooved foil faced XPS panel offering a low system build up from 20mm
- » Pipework is tightly encased within pre-grooved foil faced XPS panels ensuring even heat distribution across the floor area. Foil faced panel to counter downward heat loss
- » Pre-grooved foil faced XPS panels offer high heat conductivity and quick system response

SYSTEM INSTALL

1. Pre-grooved foil faced XPS panel installed directly on to subfloor according to system design (additional insulation may be required to meet thermal performance and current building regulations)
2. Aluminium barrier UFH pipe to be installed directly into pre-grooved foil faced XPS panel
3. UFH pipe to be installed in continuous lengths from distribution manifold spaced according to underfloor heating design
4. Pre-grooved foil faced XPS panel to be routed as required allowing pipe installation in accordance with design layout
5. Pipe work to be pressure tested and remain under pressure
6. Engineered timber board and uncoupling membrane required for tiled floor finish





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.

