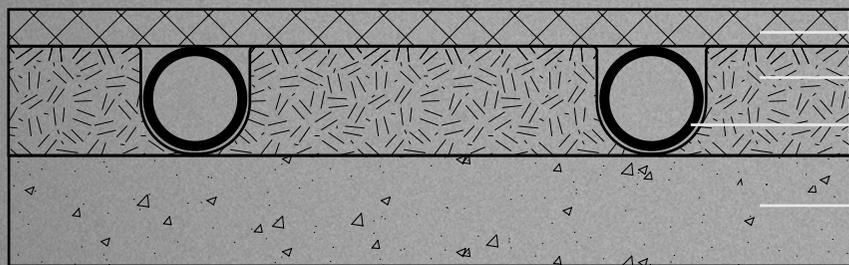
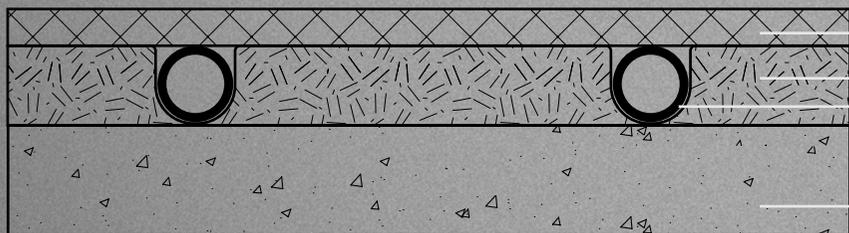




# UNDERFLOOR HEATING SYSTEMS SPECIFICATIONS



- Finished floor
- 17mm pre-grooved foil faced EPS insulation
- 16mm PEX pipe
- Subfloor



- Finished floor
- 13mm pre-grooved foil faced EPS insulation
- 12mm PEX pipe
- Subfloor

## SPECIFICATION

Base™ ULTRA-LOW EPS SYSTEM to incorporate 12mm or 16mm PEX pipe to be installed to pre-grooved foil faced EPS insulation panel. PEX pipework to be installed directly into pre-grooved foil faced EPS insulation panel (primer and self leveling compound to be applied prior to tiled finish). Installation and design in accordance with pipe layout design.

# ULTRA-LOW EPS SYSTEM

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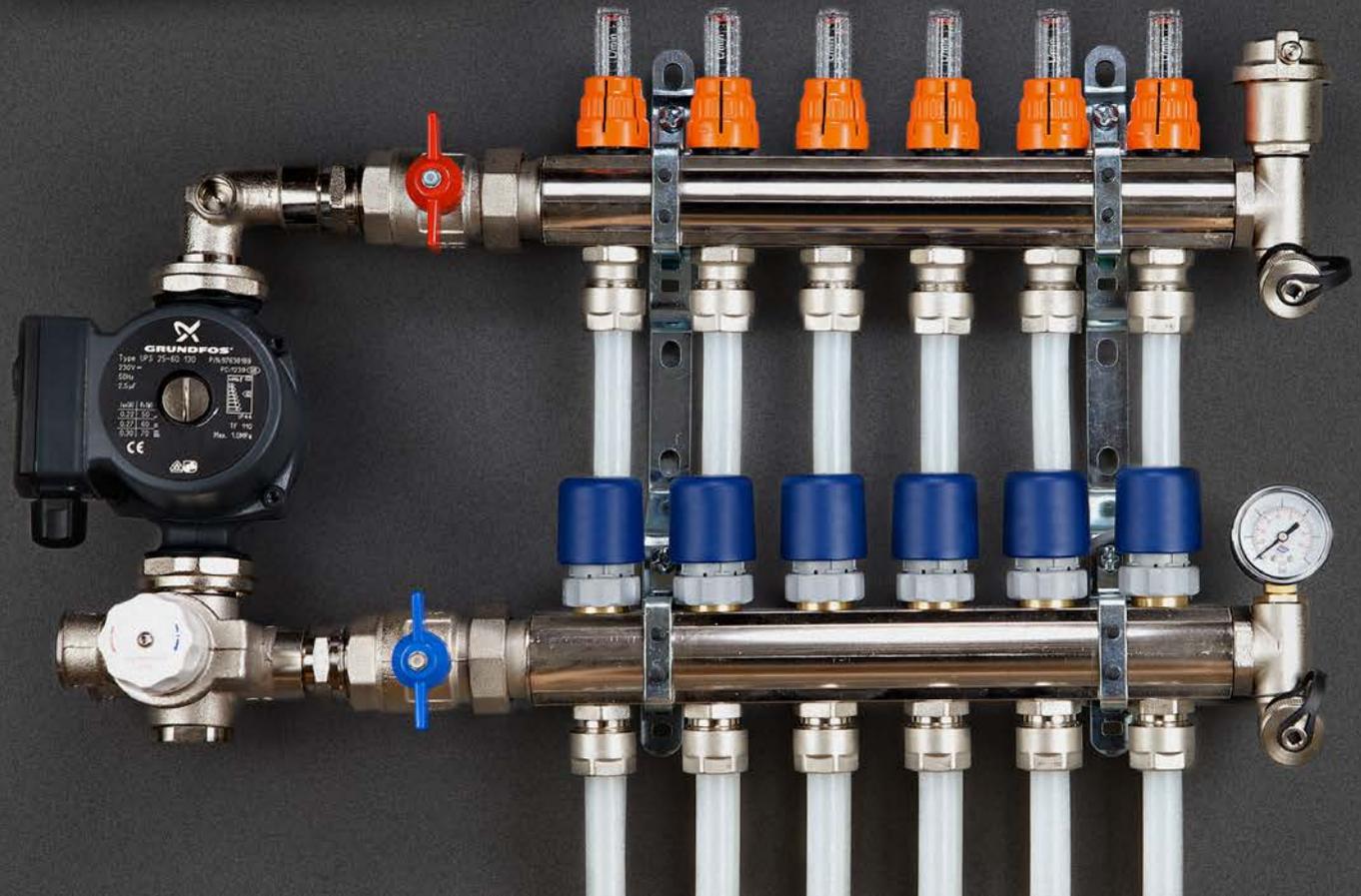
## SYSTEM

- » Base™ ULTRA-LOW EPS SYSTEM specifically designed to fit directly on to sub-floor construction
- » Pre-grooved foil faced EPS insulation panels offer quick installation with ability to be cut to exact size required in accordance with design
- » Pre-grooved foil faced EPS panel offering a low system build up of either 13mm or 17mm
- » Pipework is tightly encased within pre-grooved foil faced EPS panels ensuring even heat distribution across the floor area. Foil faced panel to counter downward heat loss
- » Pre-grooved foil faced EPS panels offer high heat conductivity and quick system response

## SYSTEM INSTALL

1. Pre-grooved foil faced EPS panel installed directly on to subfloor according to system design (additional insulation may be required to meet required thermal performance and current building regulations)
2. PEX pipe to be installed directly into pre-grooved foil faced EPS panel
3. PEX pipe to be installed in continuous lengths from distribution manifold spaced according to underfloor heating design
4. Pre-grooved foil faced EPS 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





# MANIFOLDS AND CONTROLS

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## Base™ PEX PIPE

BaseUFH PEX-a is a high performance multilayer pipe that is both flexible and extremely resilient. Constructed from a superior cross linked polyethylene, our pipe benefits from a much higher resistance to both heat and pressure compared to other forms of PEX pipe, resulting in much greater strength and durability.

- » 100% impermeable oxygen diffusion barrier
- » Operational temperature up to 95°C
- » Retains shape for ease of installation
- » Maintenance free.
- » Meets EN ISO 15875-1:2004  
EN 1264-: 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 slimline series of thermostats offer an extensive range of control options, to include touch-screen, wireless, 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.





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