

DATA SHEET – DS09
OVERLAY FLOORS
18mm XPS SYSTEM

PRODUCT INFORMATION

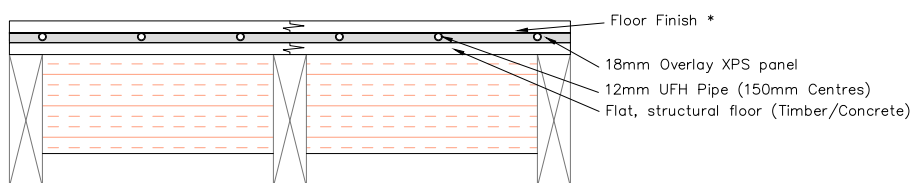
Typical UFH kit items:

- UFH 12mm Pipe
- Grooved Universal 500kPa XPS Sheets
- OPTIONAL 9mm TnG MDF Overlay
- 12mm Pipe Bend Supports
- Manifold Arms
- Manifold Pump / Mixer
- 1" Isolation Valves
- 12mm Manifold Pipe Connections
- Thermostat/s
- Wiring Centre
- Actuators (if more than one thermostat supplied)

18mm XPS SYSTEM DATA

- The UFH pipe is:
 - o 12x2mm 5-Layer PERT
- The pipe can be installed in:
 - o A serpentine 'up-and-down' pattern
- The pipe centres can be:
 - o 150mm
- Overlay XPS Sheet Sizes:
 - o 1,200mm x 600mm x 18mm
- Optional MDF Overlay Sheet Sizes:
 - o 1,200mm x 600mm x 9mm

TYPICAL 18mm XPS SYSTEM SECTION:



*18/22mm timber can be laid directly on top. Carpet & tiles will require a structural flooring

TYPICAL 18mm XPS SYSTEM HEAT OUTPUTS:

| FLOOR FINISH | TOG RATING | WATER FLOW TEMP | |
|----------------------|------------|--------------------|--------------------|
| | | 55 @ 150cc | 45 @ 150cc |
| TILES | 0.1 TOG | 75W/m ² | 50W/m ² |
| 15mm ENGINEERED WOOD | 1.0 TOG | 63W/m ² | 42W/m ² |
| CARPET | 1.5 TOG | 47W/m ² | 31W/m ² |