

**DATA SHEET – DS01**  
**SCREEDED FLOORS**  
**STAPLE SYSTEM**

**PRODUCT INFORMATION**

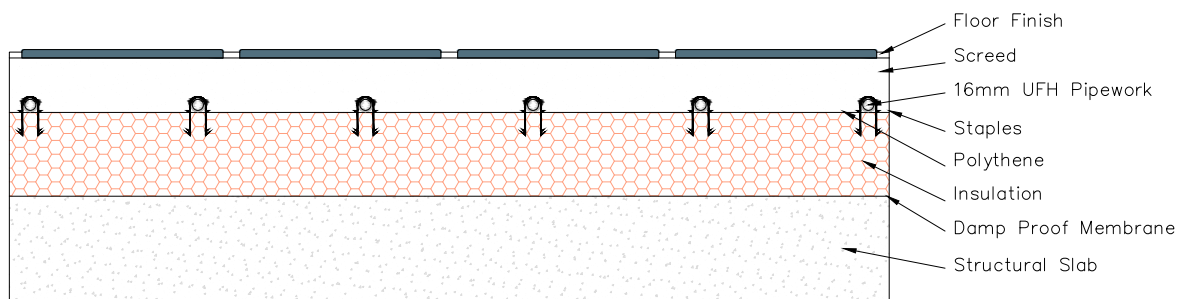
Typical UFH kit items:

- UFH 16mm Pipe
- Staples (300pk)
- Perimeter Edge Foam
- 16mm Pipe Bend Supports
- Manifold Arms
- Manifold Pump / Mixer
- 1" Isolation Valves
- 16mm Manifold Pipe Connections
- Thermostat/s
- Wiring Centre
- Actuators (if more than one thermostat supplied)

**STAPLE SYSTEM DATA**

- The UFH pipe is:
  - o 16x2mm 5-Layer PERT
- The pipe can be installed in either:
  - o A spiral pattern
  - o A serpentine 'up-and-down' pattern
- The pipe centres can be:
  - o 150mm
  - o 200mm
- Minimum insulation depth:
  - o 25mm for 40mm Staples
  - o 35mm for 50mm Staples

**TYPICAL STAPLE SYSTEM SECTION:**



**TYPICAL STAPLE SYSTEM HEAT OUTPUTS:**

FLOOR FINISH	TOG RATING	WATER FLOW TEMPERATURE			
		55	50	45	40
TILES	0.1 TOG	150W/m <sup>2</sup>	126W/m <sup>2</sup>	102W/m <sup>2</sup>	78W/m <sup>2</sup>
15mm ENGINEERED WOOD	1.0 TOG	105W/m <sup>2</sup>	88W/m <sup>2</sup>	71W/m <sup>2</sup>	54W/m <sup>2</sup>
CARPET	2.0 TOG	88W/m <sup>2</sup>	74W/m <sup>2</sup>	60W/m <sup>2</sup>	46W/m <sup>2</sup>