

Profi-screed staple

for liquid or sand/cement screed floors

The Profi-screed staple system is installed onto rigid insulation, then covered with either traditional or liquid screed. Ideal for boilers and heat pumps as the heating water required is just 45 degrees.

Specification:

Profi-screed staple system using 16mm PEX-AL-PEX or PE-RT pipe installed using staples & staple gun.

The Profi-screed staple system is compatible with low temperature heat sources, such as ground or air source heat pumps. The pipe spacing can be reduced or increased depending on the heat loss of the building and the water temperature being supplied by the heat source.

Installing this system:

Installation starts after the insulation layer has been fitted to the subfloor. A membrane (not supplied) is installed first if a liquid screed is to be used, containing the screed above the insulation. The edge isolation (supplied) is

fitted around all perimeter walls, creating a thermal break between the floor and the outside walls.

Pipework is stapled directly into position following the CAD pipe layout diagram (provided). Flow pipes should be fitted with conduit (supplied) to reduce heat loss between manifold and the room to be heated.

Suitable Floor coverings:

- Tiles
- Carpets
- Structural timber (18-25mm)
- Laminate
- Polished concrete

Compatible Heat-source:

Boiler or Heat pump - 45°C

Pipe Centres

This system can be designed with the following pipe spacing's.

- 100mm
- 150mm
- 200mm
- 250mm

