

Profi-screed cliprail

for liquid or sand/cement screed floors

New build or major refurbishment – max output and lowest cost. The Profi-screed cliprail 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 cliprail system using 16mm PEX-AL-PEX or PE-RT pipe installed into cliprail.

The Profi-screed 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. Next, the cliprail is installed across the pipe runs, at approx. 1m intervals.

The cliprail has barbs which simply push and lock into the insulation, or have a self-adhesive backing. Pipework is installed 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.

Cover with 50-75mm screed. Allow to dry before installing floorcoverings.

Suitable Floor coverings:

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

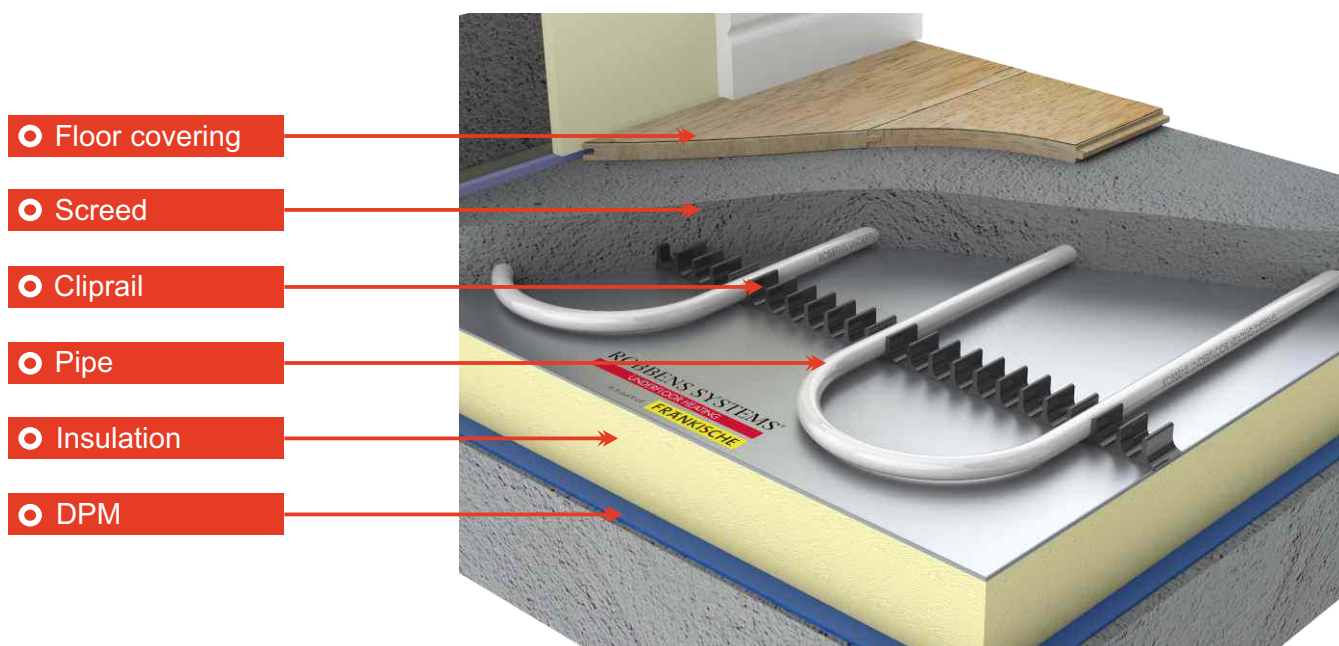
Compatible Heat-source:

- Boiler or Heat pump - 45°C

Pipe Centres

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

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



○ Floor covering

○ Screed

○ Cliprail

○ Pipe

○ Insulation

○ DPM