

Profi-joist

ideal for new and refurbishment floor joists

Profi-joist uses galvanized pipe clips attached to joist edges. With a fast response time and no need for equal joist spacing's, Profi-joist is ideal for any joisted floor.

Specification:

The Profi-joist system combines 450mm galvanised pipe holding clips, attached to joist edges. Random joist spacing's are easily accommodated with this system. After the pipe is installed, aluminium sheets cover the joists to add heat distribution.

Installation:

Insulation is fitted between joists, leaving a 16mm space down from the joist top. Pipe clips are fitted along the joist, which hold the 16mm Pex-Al-pex pipe.

After pipe installation, the remaining 16mm deep gap between pipes is filled with Rockwool or similar.

The floor is then covered with 0.5mm aluminium sheets, prior to either a structural timber finish floor, or chipboard.

Floorcoverings:

- Carpets - over chipboard deck
- Timber - directly onto joists (18-28mm)
- Laminate - over chipboard deck
- Tiles – over plywood deck

Compatible Heat-source:

- Boiler or Heat pump - 60°C

Pipe Centres:

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

- 150mm (for approx. 300mm joist centres)
- 200mm (for approx. 400mm joist centres)
-)300mm (for approx. 600mm joist centres)

