

# Profi-low 15mm

## low height heat pump compatible

*Profi-low is a load bearing 600mm x 600mm panel, which is then covered with liquid screed. Install over existing floors where a low profile, high output system is needed.*

### Specification:

The Profi-low system is designed to be used in projects where a high output, low profile system is needed.

Profi-low is excellent for use with a heat pump, and can operate with a water temperature as low as 35 degrees. If required, Profi-low has the ability to incorporate more pipe into the floor, as the system is designed for both 75mm and 150mm spacings - again further aiding the heat pump performance.

Installed onto existing timber, screed or concrete subfloors, the finished height before floor covering is just 15 to 18mm.

When installed onto an un-insulated floor, Profi-low is available with a 3,5,6 or 10mm

thermal break insulation, pre-bonded to the back of the tiles.

### Installing this system:

Attach the pre-assembled manifold to the wall.

Install the interlocking tiles to cover the entire area. Secure to the subfloor with screws.

Pipework is installed following the CAD pipe layout diagram (provided). Pressure test manifold and pipework prior to screeding. Screed using a suitable self-leveling liquid screed to the top of the panels (15mm) or to 3mm over when carpet is to be installed.

Floor coverings are installed directly to the finished screed surface.

### Suitable Floor coverings:

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

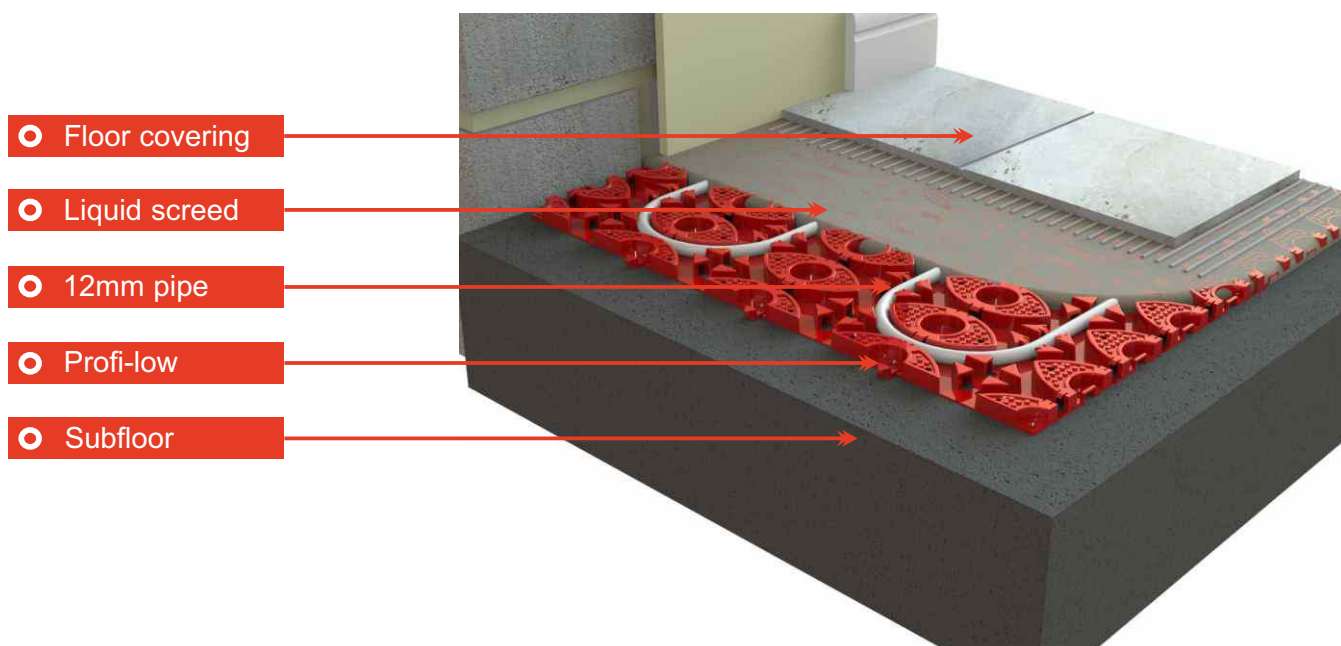
### Compatible Heat-source:

- Boiler or Heat pump - 45°C

### Pipe Centres:

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

- 75mm
- 150mm



○ Floor covering

○ Liquid screed

○ 12mm pipe

○ Profi-low

○ Subfloor