

# Profi-panel 18mm

## Low profile with built-in insulation – ideal refurbishment system

*The 18mm EPS panels, 1200mm x 1200mm, combine insulation with underfloor heating – perfect where a low profile heating system is needed.*

### Specification:

The Profi-Panel system can be used in any project where there is limited build up height available. These can vary from new builds through to older renovation projects. Profi-Panels are supplied with foiled grooves, to aid in an even heat distribution.

### Installation:

The 1200 x 1200mm panels are laid onto a load bearing subfloor. Curved ends should be placed along the shortest walls, giving maximum length of straight pipe runs. The centres are then installed, cutting panels as necessary.

The 12mm pipe then pushes into the groove, following the pipe layout drawing that is supplied for your rooms. Once the pipe has been installed, a vapour barrier should cover the floor, followed by either the finished floorcovering, or 9mm plywood prior to tiling, vinyl flooring or carpet.

### Floorcoverings:

- Tiles - over 9mm plywood deck
- Carpets - over 9mm plywood deck
- Timber (14-22mm)
- Laminate (14-22mm)

### Heat-source supply temperature:

- 60 degrees centigrade

### Pipe Centres:

This system can be designed with the pipe spacing's shown below. Robbens calculate this based on the heat loss from each room, and design the correct system accordingly. This ensures rooms are not overheated, or under heated.

- 150mm

