



## hydronic floor heating in-slab

Hydronic in-slab heating provides a slow release, home heating system suitable for large areas. (80 m<sup>2</sup>+) The slab is used as a heat storage, having wonderful thermal mass and providing an efficient and winter long heating system.

### PIPE TECHNOLOGY

Rehau PEX pipe is specific for floor heating systems. It is a cross-linked polyethylene pipe with oxygen barrier to prevent corrosion.

### HEAT OUTPUT

In-slab hydronic heating is installed with a heat output of 100-120 W/m<sup>2</sup>. A combination of flow and temperature is balanced to suit the heat load requirements of each room.



### INSTALLATION

The PEX hydronic floor heating pipe is attached to a mesh or the reinforcing rods before the slab is poured. Insulation is typically installed under and around the slab to prevent any heat loss.

Hydronic pipe is connected to a central manifold that leads back to the heat source.



### SPECIAL REQUIREMENTS

The PEX hydronic floor heating pipe can be installed across expansion joints with the correct installation method.

Comfort Heat Australia Pty Ltd  
8/11 Ponderosa Parade  
Warriewood NSW 2102  
p: 02 9979 8600  
f: 02 9979 7706  
[www.comfortheat.com.au](http://www.comfortheat.com.au)  
[sales@comfortheat.com.au](mailto:sales@comfortheat.com.au)