



## hydronic floor heating under timber

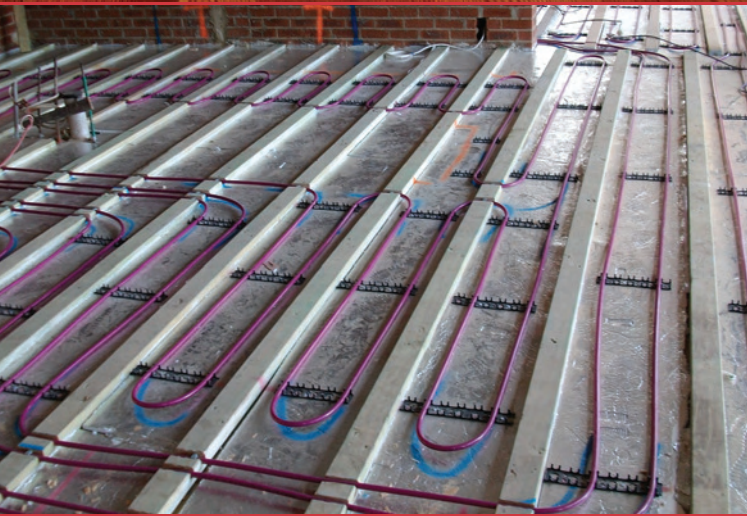
Hydronic under timber heating is suitable for large areas (100 m<sup>2</sup>+) and can be used in a variety of installations where the timber floor is being installed on batons. Hydronic under timber heating is for warming the floor and is limited to a maximum temperature of 25 deg C.

### PIPE TECHNOLOGY

The PEX pipe is specific for under floor heating. It is a cross linked polyethylene pipe with oxygen barrier to prevent corrosion.

### HEAT OUTPUT

With under timber hydronic heating we aim for a heat output of 80-100 W/m<sup>2</sup>. A combination of flow and temperature balanced to suit the heat load requirement of a room.



### INSTALLATION

The hydronic floor heating pipe is installed after battens are laid. It is required that battens have a minimum height of 45mm to allow for insulation, pipe diameter and airspace. Pipe is held to the floor by pins attached to insulation foam.

Rehau diffusion plates are installed either after timber is laid, from below or ontop of the batten lip, with timber installed ontop.

All floating or glued timber flooring can be installed over a screed or slab installation.



### SPECIAL REQUIREMENTS

Please discuss with your flooring supplier 'Floor Heating Approved' timbers.

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