



hydronic floor heating in screed

Hydronic in-screed heating is suitable for large areas (100 m² +) and can be used in a variety of installations where a sand and cement bed is being used. In screed installations have a faster response time than in slab installations, as it is closer to the floor surface.

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 in-screed hydronic heating we aim for a heat output of around 100-120W/m². A combination of flow and temperature is balanced to suit the heat load requirements of a room.



INSTALLATION

The PEX hydronic floor heating pipe is installed before the cement screed, beneath any type of floor covering (generally tile). It is required that you cover the pipe with a minimum of 50mm bed of screed. The PEX hydronic floor heating pipe is held on the floor by either plastic pins attached to 30mm insulation foam or clipped to a light wire mesh. (An additional reinforcing mesh will need to be installed in the screed)



SPECIAL REQUIREMENTS

The PEX hydronic floor heating pipe can be installed across expansion joints with the correct installation method. Comfort Heat must be informed of any expansion joints in the slab.

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