



REHAU UNDERFLOOR HEATING

THE FUTURE OF HOME HEATING

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Why should I have underfloor heating?

If you are buying or building the house of your dreams, don't you owe it to yourself to install the best heating system available?

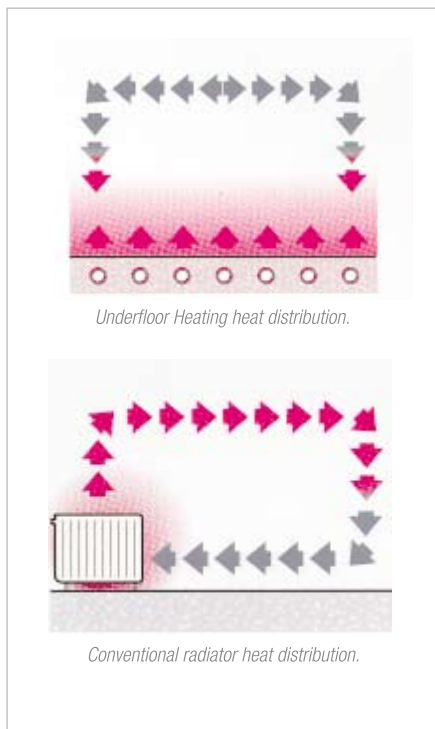
Underfloor heating is one of the most efficient and comfortable heating/cooling technologies available; offering many advantages over conventional methods. The real question is why settle for any other heating system?



What is underfloor heating?

Underfloor heating works by circulating warm water through a network of cross-linked polyethylene pipes laid in the floors, gently spreading heat through the house.

With traditional radiators, temperature variations can occur due to uneven radiator coverage. Not so with underfloor heating, as the pipe network covers the entire floor area for even heat distribution throughout.



Underfloor Heating heat distribution.

Conventional radiator heat distribution.

Underfloor heating systems are available to suit different floor types, suspended wooden floors and screed floors.

Comfort, flexibility, energy efficient, design freedom, safety and health benefits and almost zero maintenance are some of the main benefits of REHAU's underfloor heating system.

Comfort

Underfloor heating creates a feeling of well being, as it gently and evenly warms the home environment. It produces a high level of radiant heat without causing the dryness usually associated with high intensity systems.

Modern control systems enable underfloor heating to provide just the right amount of heat, at the right time and in the right place, controlled by individual room thermostats.

The system is designed to run at a much more constant level than other heating methods. It even maintains a low level heat setting at night, ready for the floor to heat up the following day.

Flexibility

With the floor as a large heat emitter only low temperature (35-45°C), heating water is required. Heating water can be provided by almost any energy source, including renewable sources such as Solar, Geothermal and of course conventional sources such as Gas.

Design Freedom

No air ducts or protruding heating units are visible providing for complete freedom in space design.





Energy Efficient

Because it warms your body and not the entire air mass, you feel comfortable at a lower air temperature. As little as 1 or 2°C lower air temperature is equivalent to 15-30% energy saving!

Minimal Maintenance

Simple operating principles and minimal mechanical equipment mean the system requires almost zero maintenance.

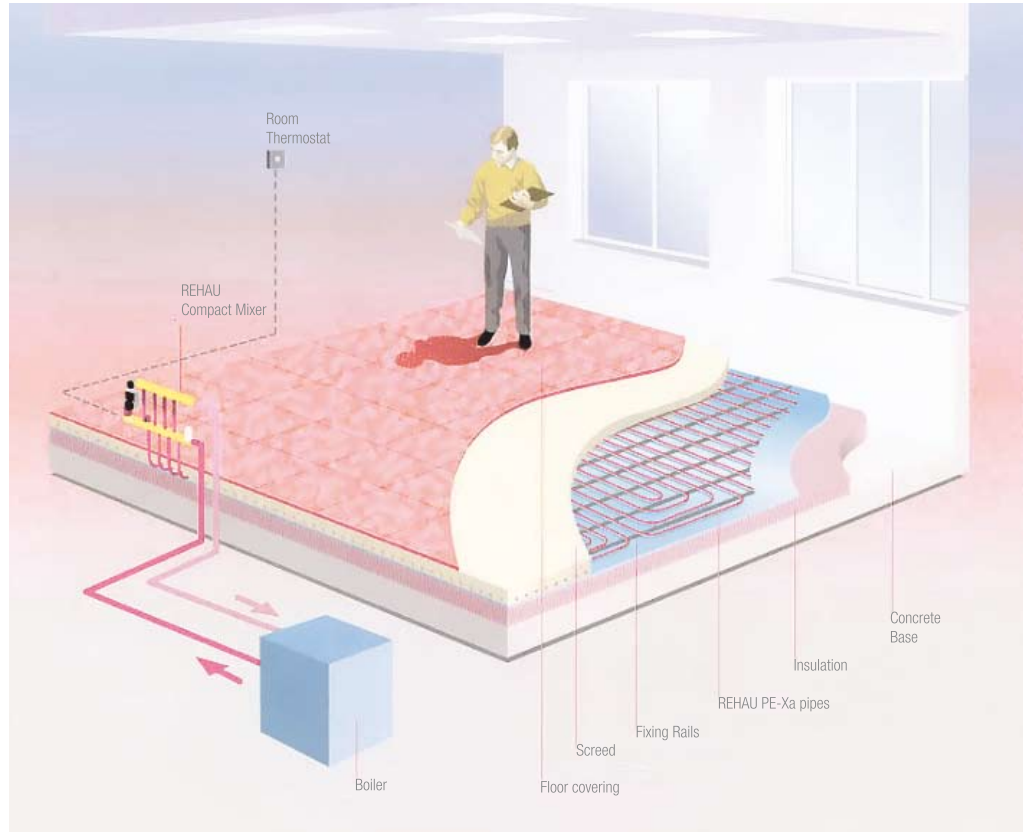
Heating pipes are made from smooth lined PE-Xa cross linked polyethylene with an expected life of well over 50 years. Tough and robust, they are corrosion free and resistant to scale build up.

Safety and Health Benefits

Underfloor heating means no hot, hard-edged radiators for young and old to injure themselves upon. Of benefit to asthma and allergy sufferers is the fact that underfloor heating means warm and dry floors, which inhibit the growth of house dust mites (known to affect asthma sufferers).

With gentle heat radiating passively from the floor, convection currents and draughts are all but eliminated, meaning lower dust levels in the house. Quite a favourable feature when it comes to housework too!





Ground floor installation showing a typical screeded floor option

Why REHAU?

With over 30 years experience in the design, manufacture and supply of underfloor heating and cooling systems throughout the world, REHAU is the name you can trust.

Whether it is a large commercial building or your residential home, REHAU offers the complete system solution and product support.

REHAU's Technical Applications department ensure designers, architects and builders are given comprehensive engineering support throughout the entire project.

Our national network of authorised installers ensure your project is delivered quickly and to the highest standard.

The Next Step

Turn the dream into reality by contacting your nearest Sales Office and find out more about REHAU Underfloor Heating.

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We recommend that the suitability of any REHAU product for intended application should be checked. Utilization and processing of our products are beyond our control and are therefore exclusively your responsibility. In the event that a liability is nevertheless considered, any compensation will be limited to the value of the goods supplied by us and used by you. Our warranty assumes consistent quality of our products in accordance with our specification and in accordance with our general conditions of sale.