References

Elgin Road



Uponor involvement

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Elgin Road

Due to the flexibility of not needing to be regulated; self builders are discovering that it is possible to install underfloor heating system with relative ease.

Project Facts:

Location
Poole, United Kingdom

Completion
2008

Building Type
Single family home

Product systems
Radiant Heating & Cooling

Project Type
Renovation

Underfloor Heating has without question experienced a surge in popularity in recent times, due to the education and exposure the pipe manufacturers have dedicated to this sector. Due to the flexibility of not needing to be regulated; self builders are quickly discovering that it is possible to install underfloor heating system with relative ease. One such project was specified and installed by Ian Stewart, who also made the use of weather compensation to ensure his home was perfectly controlled throughout the indifferent winter months.

Ian had no previous experience in installing underfloor heating; and the idea that the Elgin Road complex should offer 'spacious, discreetly heated rooms where the clients are as comfortable as possible' lead to the natural choice of underfloor heating. Underfloor Heating Now supplied the project with all the necessary Uponor pipe, manifold and controls, together with all of the technical experience necessary to complete the project to an extremely high standard. For self installers who have not installed underfloor heating system before, it is of utmost importance to have some aspect of technical referencing to ensure the project runs smoothly. Underfloor Heating Now with their experience of the Uponor range could offer this advice; advice on techniques, tips and one-on-one advice to make the project run smoothly.

The weather compensation simply automatically adjusts the setting of the underfloor heating system based on the outside temperature. The unit uses a pipe sensor and an outside temperature system to adjust the water within the system via a multi-way valve. The system naturally contains unoccupied (night) set back to reduce the output of the system at times of vacancy or during night time hours. Setback reduces the reaction time on the floor, as the temperature does not fall below a certain point. This in turn reduces the energy needed to return the floor back to operation temperature.

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