



HAYWARD SMART ARCHITECTS

DEVELOPMENT

Knowle House, Cotswolds

PRODUCTS USED

FLOORTEC Underfloor heating

MYSON FLOORTEC IS A-RATED

A Myson FLOORTEC underfloor heating system has been installed throughout a new build property after Hayward Smart Architects designed a home with an A-rated Energy Performance Certificate (EPC).

“The site has no mains gas and we wanted to move away from the carbon emissions associated with oil, so opted for an electric air source heat pump which is supplied with electricity from roof mounted solar PV panels. Because this source of heat is best suited to low temperature heating systems, installing an underfloor heating system was a natural choice. We have also designed the house with solid floors on both levels to create greater thermal mass,” explains Martin Smart, Director at Hayward Smart Architects, who has designed the project as his new home.



The property also boasts a whole house ventilation system with heat recovery, a rainwater-harvesting system to service the toilets, washing machines and outside taps as well as triple glazing and high quality insulation. The culmination of these energy saving features and the Myson FLOORTEC heating system has resulted in the property being one of just 0.04% in the country to achieve an A-rated EPC.*

Myson FLOORTEC is one of the most energy efficient and versatile heating systems on the UK market. As well as being designed to work with all floor types, including solid, suspended, and floating floors, Myson's new MICROBOARD fixing system also allows underfloor heating to be retrofitted in existing properties.

For extension and renovation projects Myson also offer FLOORTEC single room heating packs, which contain everything needed to provide additional warmth in rooms of up to 40m², in one box. This allows single room extensions in places such as the kitchen or conservatory, where wall space can be at a premium, to be easily provided with comfortable warmth.

"We have also recently developed a new range of underfloor heating pipe, PEXcellent 5, that will not only give installers added confidence that they are providing the very best product, it will also provide a long lasting system for end users." Michelle Taylor, Product Manager for Myson, adds, **"PEXcellent 5 is manufactured without chemicals and solvents for greener production and end of life cycle disposal and is covered by our 10 year system guarantee - although it has a successful track record of use over more than 25 years."**