EasyFlow

Underfloor Heating & Liquid Floor Screed

QMS ISO 9001 REGISTERED

The Underfloor Experts

The Underfloor Heating Specialists

Planning & Design

We are dedicated to providing our clients with the very best in underfloor heating systems, together with customer care above and beyond expectations. Our experienced consultants are dedicated to investing their time in planning and designing your underfloor heating system, ensuring that you are supplied with an underfloor system of the very highest standard. Good advice and quality products go hand in hand and this ensures that you get the best possible results from your heating system.

Our FREE planning and design service includes:

- Full CAD design service produced from your Architect's Plan, this is bespoke to your project and should not be confused with a schematic drawing. This will include full pipe layout, heat loss calculations, manifold locations, technical data and pump information duties.
- Planning and design can take place with limited impact on your time. In many cases a site visit isn't necessary, unless the project installation is particularly detailed. In the first instance most questions can be talked through over the telephone, and only then if necessary, would a site visit be arranged at cost, which is deducted from the total invoice amount once an order is placed.
- Our technical team of consultants have many years of experience within the underfloor heating industry and are competent in project managing a wide range of commercial, trade and residential heating and screeding projects.

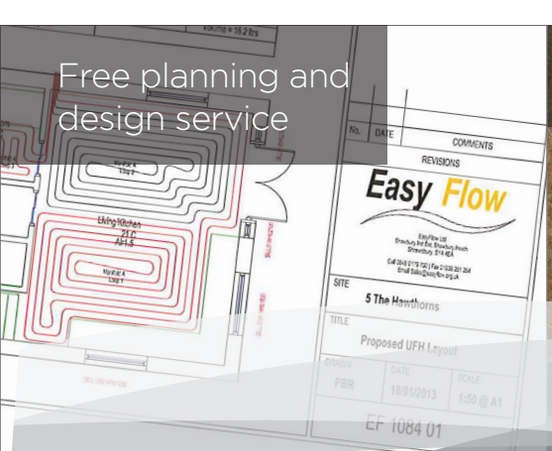
Installation and Workmanship Guarantee

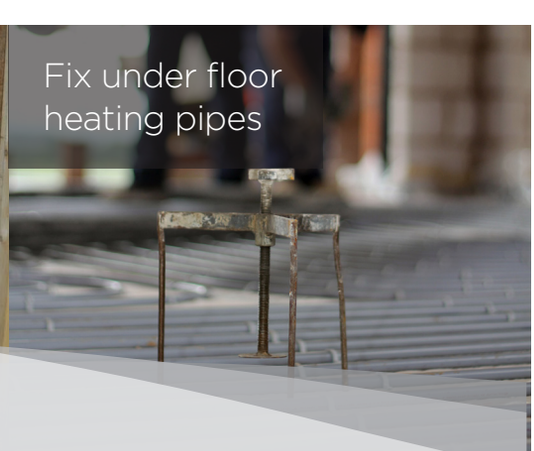
Our team of friendly, specialist, underfloor heating engineers, are on-hand to install and test your new system. Once your underfloor heating system is installed, you will be provided with a Workmanship Guarantee Certificate. Our guarantee means that your system will be our responsibility for 2 Years from installation date. In the rare chance that any defects occur as a result of our installation process, the certificate will cover call out charges and labour costs that would have normally been incurred.

Underfloor Commissioning

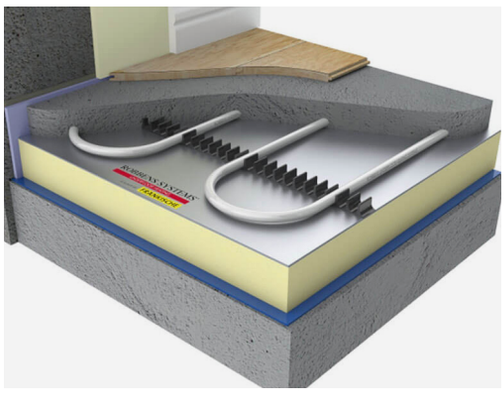
We offer a commission visit with every installation of UFH and screed, this ensures that your system is balanced, set correctly, and working at optimum temperatures. Maximising heat outputs and minimising energy consumption, our heating engineer will also spend time with the homeowner or designated operator to familiarise them with all of the controls and thermostats and to ensure that they are comfortable with using the system correctly.

Dedicated Consultant – Every Step Of The Way





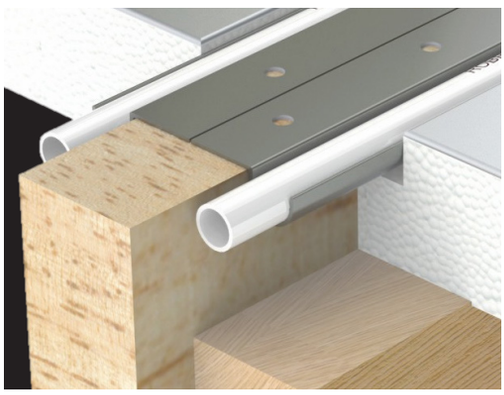
Underfloor Heating



Easy Standard

EasyStandard floors are probably the most popular of all the floor constructions that we supply underfloor heating systems for. They are essentially systems where pipes carry warm water through the floor while encased within concrete or screed.

These systems traditionally tend to be used with a normal screed or concrete, however modern liquid screeds available can make the installation quicker and even improve the thermal output of the system.



Easy Joist

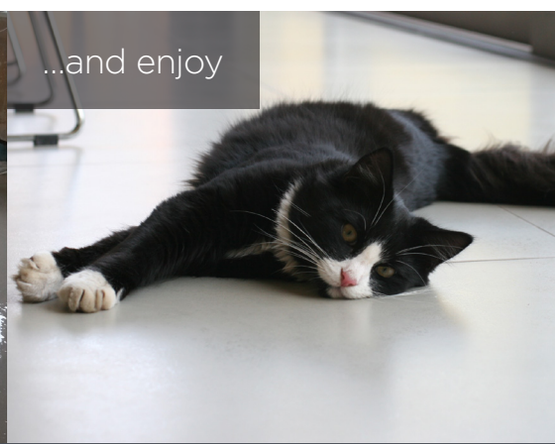
The Easy Joist system can be used in a variety of installation scenarios. The most common tend to be on first floors in new and older buildings. They likely to be used on older buildings when carrying out renovation work. They are a very lightweight system, making it suitable for most joist types. These systems have no thermal mass like a solid floor and rely on heat spreader plates to distribute the heat. This means they are very fast acting and heat up very quickly, even from cold.

Easy Panel

The Easy Panel system can be used in any project where underfloor heating is required but there is limited build up height available. These can vary from new builds through to older renovation projects.

Easy Panel is available in foiled or unfoiled versions for use with aluminium heat spreader plates.

+ 100 Year Underfloor Heating Pipework Warranty



Liquid Floor Screed

Our Products

Easyflow floor screeds are based on a synthetic anhydrite binder rather than OPC Cement giving them many unique benefits over cement screeds, the most obvious difference is their fluid application compared to semi dry cement screeds, but they also offer higher compressive and flexural strength, lower shrinkage, eliminate reinforcement, improve surface finish and greatly improved underfloor heating performance.

Anyhydrite screeds achieve this by offering higher thermal conductivity and reduceding cover to the heating pipes, greatly improving the heat performance and reaction times of the screed, this allows for a more reactive system requiring a smaller amount of energy input. The system temperature is easier to regulate due to its responsive nature allowing the building to achieve a constant temperature without the variability and thermal over shoot associated with thicker section sand cements and concretes.

Anhydrite Screeds

Gyvlon® Eco

Gyvlon® Flowing Screed is a blend of Gyvlon® Binder, special additives and selected aggregates mixed with clean potable water to produce a pumpable self smoothing, flowing screed.

Gyvlon® Flowing Screed is designed to provide a smooth level surface in both commercial and domestic buildings prior to the application of floor finishes. It can be used Bonded. Unbonded or floating and with or without UFH.

Gyvlon® FD

Anhydritec Ltd has developed Gyvlon® ECO FD version to complement its Gyvlon® range of screeds.

Designed for jobsites with short lead time, ECO FD screed enables floor coverings to be applied at least twice as fast as Gyvlon® ECO screed. In addition, Gyvlon® ECO FD brings together all the proven benefits expected from a Gyvlon® screed which also include low-skin option.

Cementious Flowing Screeds

Topflow Horizontal

Topflow Horizontal's finishing characteristics and high quality surface finish can eliminate the need to power float concrete on site dependent on project specification. Topflow Horizontal is suitable for laying over underfloor heating.

McGraths Cemfloor

CemFloor is made with a cement-based binder and specially formulated additives in conjunction with McGraths Limestone (Cong) Ltd. & Cemexa Technologies of France. It is pump applied due to its fluid consistency. This means that it is easier to lay, covering large surface areas in a day. It is also thinner than conventional screeds making it the natural choice for underfloor heating systems.

Environmental Impact

Green Credentials

98% Recycled Liquid Flow Screed, utilising products that would normally have gone to waste and landfill we supply a reduced thickness screed, normally around 50mm. This creates an excellent thermal conductivity of over 30% above a sand and cement screed, which means it's more responsive, warms up and cools down quicker and gives a much better control over and above using a sand and cement screed. Therefore saving you money on operating costs and reducing your fuel consumption.

With new legislation pending and Government incentives, such as the Green Homes Grant, it makes sense that there is an underfloor heating system available for every project application. From new build to refurbishment, from Church to Barn and shopping centre all projects are readily acceptable for underfloor heating.

Anhydrite

Gyvlon® Screed binder is made from an industry by-product 'Synthetic Anhydrite'. Synthetic Anhydrite has a much lower embodied energy than the quarried/ mined materials associated with cement production. Secondly, synthetic anhydrite does not require heat to be applied during its processing. Compared with the 'kiln burning' process of cement which can be as high as 1450°C this allows massive carbon savings to be generated.

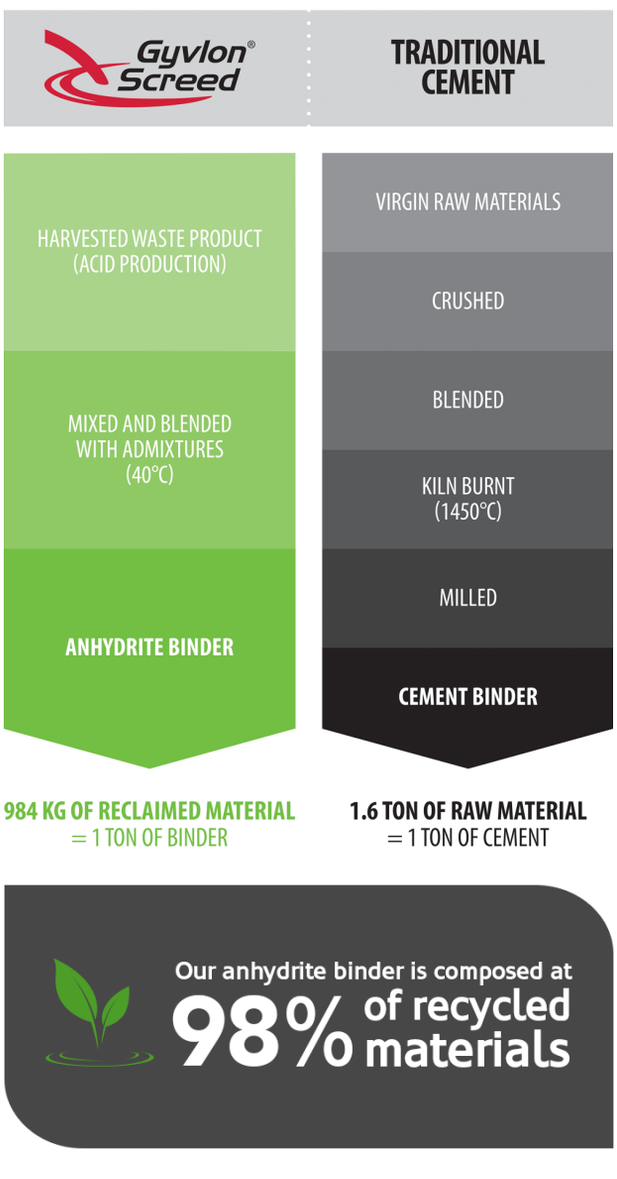
Whilst the two factors above make a major saving of 262kg CO2/m3, Gyvlon® screeds generate further savings by being installed thinner. The thinner Gyvlon® Screed product section reduces the amount of screed material required, especially when you consider that the market leading Thermio+ product can be installed at just 20mm cover to underfloor heating pipes.

Environmental Benefits of Gyvlon® Screed in Manufacturing

The Environmental benefits of Gyvlon® Screed can be broken down to material sourcing, manufacturing energy consumption, material delivery and material usage on site.

Below you will find the production process and summary of each saving.

LANDFILL REDUCTION



Our anhydrite binder is composed at **98%** of recycled materials

Case Study

We would like to thank the Easyflow team for all their work and making our home a home again.

Lenny The Lion aka Ron Millar

Lenny the Lion contacted Easyflow to design a bespoke system for his house close to his beloved New Meadow, the home of Shrewsbury Town Football Club in Shropshire. Our UFH Coordinator visited Lenny at home to go through his requirements and to get a better understanding of the scope of works.

We were then able to undertake heat loss calculations for every individual room and design a system that would work perfectly for him. Easyflow designed the project using the Easy Standard system with extra clip rails in one zone due to a difference in insulation types used by the client. The screed was pumped and installed the following day, with a little help!


Pump application


Self-levelling


The perfect finish!

Nationally...
we've got it covered.

For advice or a FREE consultation:

01743 343000

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TARMAC A CRH COMPANY
AGGREGATE INDUSTRIES
GYVLON
Cemfloor By McGRATH CONCRETE
eco-readymix
ROBBENS SYSTEMS is a part of FRÄNKISCHE
GYPSOL
TOPFLOW SCREED A
maxi READYMIX CONCRETE
heatmiser