

ISOWARM - underfloor heating



Education



Healthcare



Leisure



Corporate Offices



Retail



Residential

WELCOME TO FLOWCRETE - for the world at your feet

Flowcrete's commitment to exceptional design, technical support and advisory services, from initial enquiry through to installation, is at the heart of our business philosophy.

Our global success is driven by our commitment to excellence; excellence in products, excellence in service and excellence in people.

With manufacturing plants across Europe, the Americas, Asia and Africa, a global commercial and sales support team and the backing of a major multi-national manufacturing group, Flowcrete is well placed, as the world's leading performance flooring designer and manufacturer, to serve clients in their local markets.

Our fully trained and monitored global network of approved flooring contractors ensures your flooring project is in safe hands with Flowcrete.



Mark Greaves
Managing Director
Flowcrete Group Ltd



TOP tip

Scan the QR code with a smart phone to be directed to our flooring website and find out more about Isowarm.

ISOWARM - energy-saving heat

Isowarm underfloor heating offers invisible, controllable heat that provides warmth on demand, when and where it is required the most - under the surface of the floor. It's not all about turning up the heat, Isowarm can also be used in cooling mode in the summer months.

The system incorporates insulation, pipework as well as associated retaining mechanism and screed to offer a complete underfloor heating solution - delivering peace of mind during your installation process so you don't get cold feet!

The Isowarm system can provide energy-savings of up to 30% compared to conventional heating methods and aids environmental compliance for thermal integrity in new buildings - ideal for residential developments as well as commercial buildings such as schools, hospitals, shopping centres and leisure complexes.

Its robust design is surprisingly simple and quick to install, helping to provide a fast turnaround in refurbishment and new build projects, while providing a solution that is maintenance-free for the lifetime of the building.

South Cheshire College, UK.

TOP tip

Isowarm delivers energy savings of up to 30% compared to traditional heating methods.



ISOWARM

heat on demand

ISOWARM provides a warm, welcoming surface in commercial environments, with energy and space saving qualities. What's more, this hidden heating solution can be reversed to provide a cooling effect in hotter climates.

TOP tip

Isowarm can be installed using an EPS board containing up to 40% recycled material.



ISOWARM

benefits

Isowarm offers a wide range of benefits for commercial environments in need of an underfloor heating solution that is safe, durable and efficient.

ENERGY SAVING - Isowarm can offer energy-efficiency savings of up to 30% compared with conventional heating methods due to its even distribution of heat and temperature control.

ENVIRONMENTAL - Isowarm used in conjunction with the EPS board can contain up to 30-40% recycled material. What's more, the retaining brass throughout is 100% recyclable.

Approved and tested, all products within the Isowarm range come backed by the sales support, technical services and quality that customers have come to expect from Flowcrete. Installed by a network of fully-trained and monitored expert floor installation teams, Flowcrete's Isowarm is the ideal choice for any commercial environment.

MAINTENANCE FREE - Isowarm requires no maintenance for the life of the building. This provides a flooring solution with an extremely long life-cycle, saving on refurbishment costs.

SAFE - Isowarm avoids potentially hot surfaces being exposed throughout commercial environments. What's more, in space-restricted areas, the hidden system is out of the way.



Flowcrete's durable, efficient and high-performance underfloor heating technology has been specified for a variety of projects across the UK.

KEY clients

- The Athletes' Village, London 2012
- Highbury Square
- South Cheshire College
- BT City Point
- Stirling Sports Village
- Stonehouse Hospital
- Darent Valley Hospital
- Abergele Hospital
- Royal Chelsea Hospital
- Aurora International
- Sure Start Nurseries
- Calderstones MSU

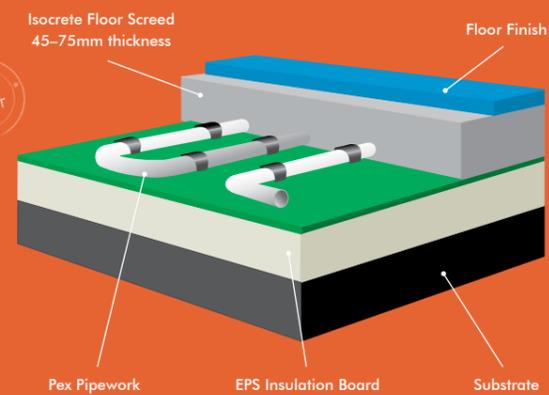
TOP tip

Isowarm can be reversed during the summer months to provide a cooling effect underfoot.

ISOWARM SYSTEMS

technical zone

The Isowarm range comprises five systems suitable for a wide range of commercial environments. For full system technical data, please contact your local Flowcrete office or alternatively visit us online.

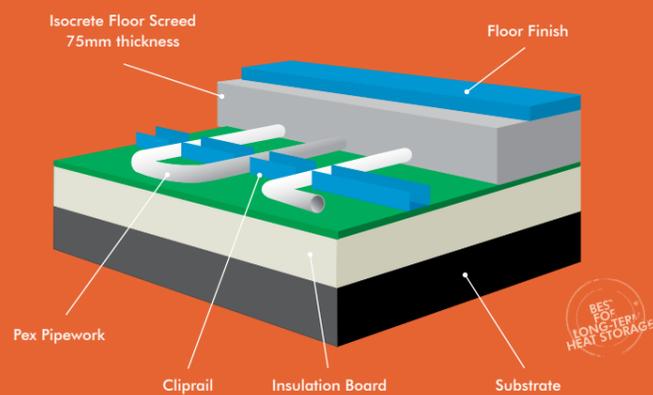


ISOWARM TACKERBOARD

The Isowarm Tackerboard system incorporates insulation, pipework and screed in a slimline application. Its unique design, with a pipe retention system and membrane built directly into the insulation, is quick and simple to install, as well as maintenance free for the lifetime of the building. Isowarm Tackerboard benefits from energy savings of up to 30%, as well as complete flexibility of zoning and temperature control.

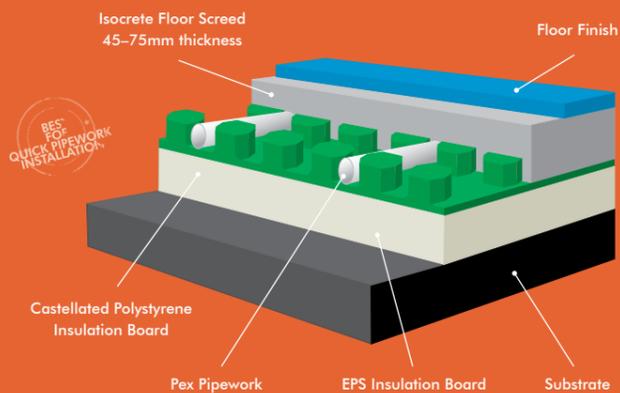
ISOWARM CLIPRAIL

The Isowarm Cliprail system incorporates evenly spaced cliprails to ensure a uniform distribution of heat across the flooring surface. This unique system includes sturdy fittings to ensure all pipework is securely fastened to the insulation board, safeguarding the pipes from slipping or floating during screed installation. As with other Isowarm solutions, the system offers energy-savings of up to 30% when compared with traditional heating methods.



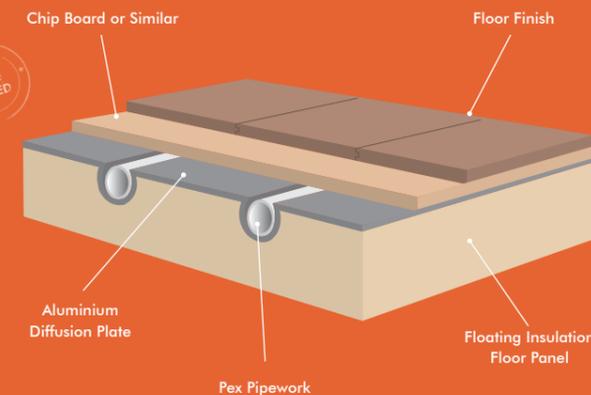
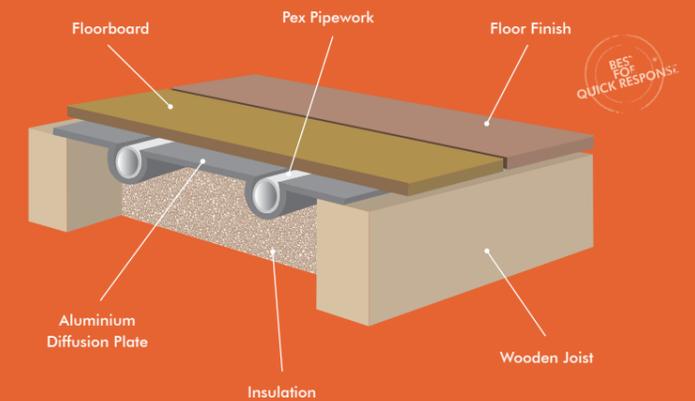
ISOWARM CASTLEBOARD

The Isowarm Castleboard system comprises insulation, pipework and associated retaining screed in a slimline solution. Its clever pipe retention method ensures the precise location of pipes, which will not slip or float in the screed. A factory applied, vapour-resistant polyethylene membrane, together with interlocking tape-less joints, ensure that the system is resistant to screed water slurry.



ISOWARM ALUMINIUM DIFFUSION PLATE (suspended timber floors)

The Isowarm Aluminium Diffusion Plate (ADP) system for suspended timber floors relies on the conductivity of aluminium diffusion plates fitted between the structural wooden floor joists and floorboards to transfer heat from the pipework to the underside of the floor finish - creating a warming effect underfoot. This system, which is recommended for laminate, carpet and tile finishes, is quick to install and diffuses heat at a faster rate than traditional screed systems.



ISOWARM ALUMINIUM DIFFUSION PLATE (floating floors)

The Isowarm Aluminium Diffusion Plate (ADP) system relies on pipework that is routed into a floating floor. The insulation panel carries either the ADP or is laminated with thermal conducting foil to diffuse the output of heat evenly across the entire flooring surface. The system, which is recommended primarily for installations with strong vinyl and rubber finishes, can be laid under an extremely fast turnaround without the need for wet trades.

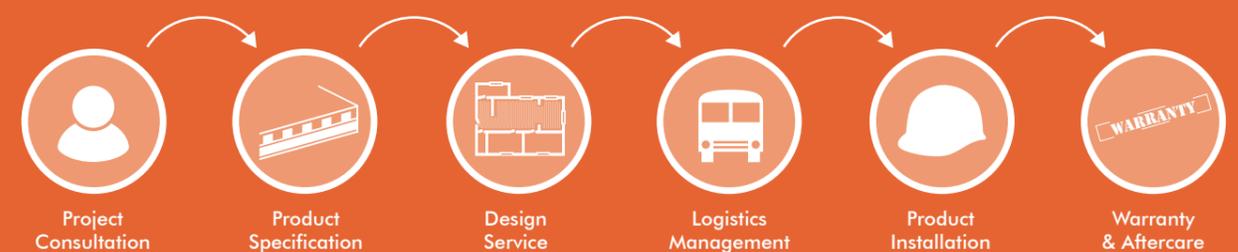
ISOWARM

from design to installation

TOP tip

Isowarm underfloor heating systems can be finished with a decorative resin, terrazzo or stone carpet system from Flowcrete.

Flowcrete understands the importance of working to a tight budget and to a strict construction schedule - we also understand the consequences if either runs over. With this in mind, Flowcrete offers a complete Project Management service to ensure that your flooring installation runs on time and on budget - taking the strain and the responsibility for the entire flooring project from initial consultation through to aftercare and everything in between...





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