

IZO
UNDERFLOOR
HEATING

HEAT



Micro Low Profile UFH Pipework System

Optimising Comfort and
Efficiency in New Builds
and Renovations.

THE IZOHEAT MICRO
SYSTEM INCLUDES:

IZOHEAT Micro Mat

IZOHEAT Pipework

IZOHEAT Eurocone Connection

Self-Adhesive Perimeter Strip

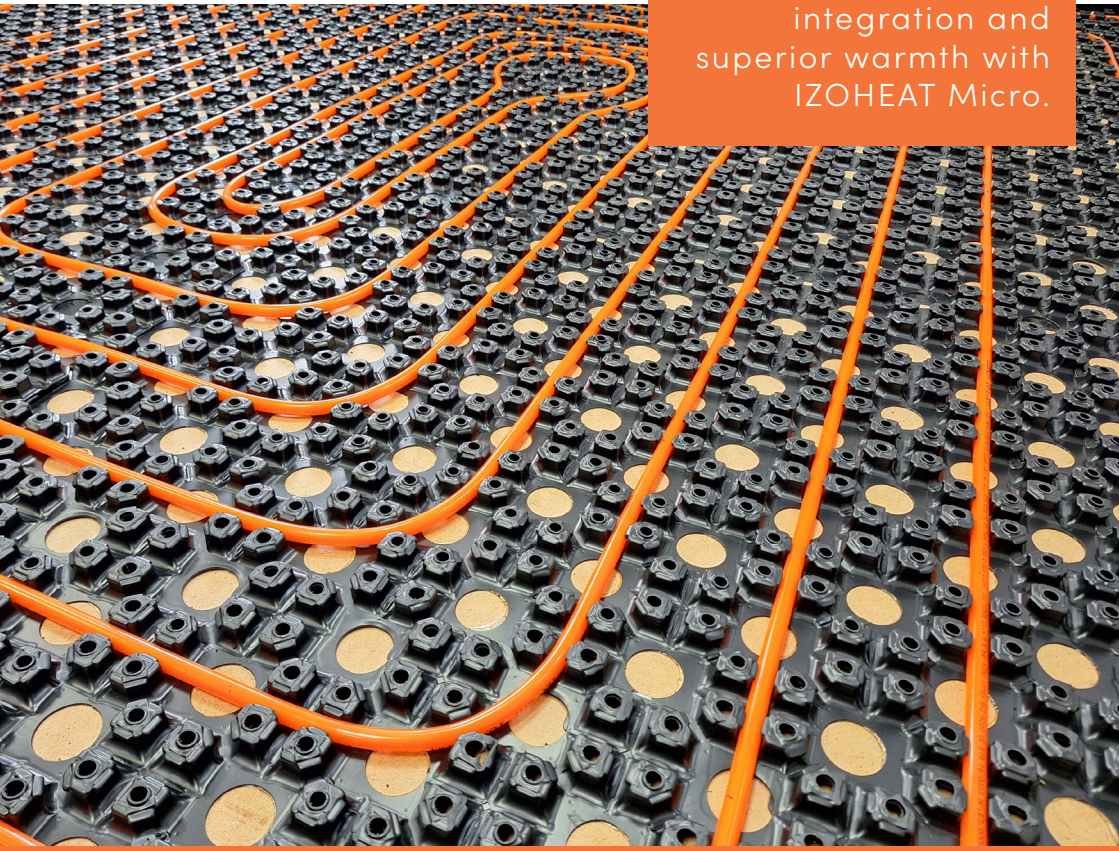
Manifold

Water Mixing Unit

IZOHEAT RTU Primer

IZOHEAT Renovate Screed

Discover seamless
integration and
superior warmth with
IZOHEAT Micro.





HEATING REDEFINED WITH **IZOHEAT MICRO**

Underfloor heating (UFH) systems have become increasingly popular for their seamless integration and energy efficiency, and the IZOHEAT Micro Low Profile UFH Pipework System is at the forefront of this revolution.

With its innovative design, the IZOHEAT Micro ensures a consistent and efficient heat distribution across the entire floor area, redefining comfort and efficiency in modern homes and commercial spaces.

IZOHEAT MICRO UFH SYSTEM QUICK LOOK

Profile Thickness:	20mm for sleek integration
Permissible Pipe Sizes:	10mm and 12mm
Pipe Spacing Options:	50 mm, 100 mm, 150 mm, 200 mm
Compatibility:	Suitable for all flooring types
Heating Method:	Even radiant heating
Energy Efficiency:	Reduces need for high temperatures, lowering energy consumption
Installation:	Quick and easy, suitable for new builds and renovations
Noise Level:	Significantly reduced water flow noise
Energy Source Compatibility:	Ideal for use with renewable energy systems

IZOHEAT MICRO UFH SYSTEM BENEFITS

ENERGY EFFICIENCY

By distributing heat uniformly, it operates effectively at lower temperatures – resulting in significant energy savings and a reduction in utility bills.

ENHANCED COMFORT

By radiating heat evenly, it eliminates the hot and cold patches typical of conventional radiators, ensuring warmth in every corner of the room.

SPACE SAVING

With a minimal 20mm profile, the IZOHEAT Micro fits under floors without major structural changes, perfect for renovations where space is limited.

RAPID HEATING

Designed for quick heating, the system swiftly reaches the desired temperature, ideal for rapid adaptation to changing indoor climates.

FLOOR COMPATIBILITY

The system accommodates various flooring types, from carpet to hardwood, allowing design flexibility without compromising performance.

IMPROVED AESTHETICS

By removing the need for bulky radiators, this system supports sleek, modern designs, enhancing room aesthetics and functional space usage.

HEALTHIER LIVING

Its operation reduces air movement, minimising the circulation of allergens and dust, which is especially beneficial for allergy sufferers.

NOISE REDUCTION

The system is engineered for quiet performance, significantly lowering the noise of water flow, which enhances the tranquillity of living and working spaces.

RENEWABLE ENERGY

Efficient at low temperatures, this system is ideal for use with renewable energy sources like heat pumps, supporting sustainable building practices.

COST SAVINGS

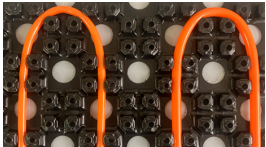
Though initial costs are higher, the system's operational efficiency and low maintenance demands lead to substantial long-term savings.

Technical Specifications

SPECIFICATION	SIZE
Effective panel size	1115 mm x 715 mm
Effective area	0.79m ²
Tab height	15 mm
Mat thickness	1 mm
Permissible size of heating pipes	10mm and 12 mm
Pipe spacing	50mm, 100mm, 150mm, 200mm (multiple of 5)
Recommended Minimum Screed depth	10mm Pipework – 20mm 12mm Pipework – 24mm

COMPATIBLE PIPES

Can hold both a 10mm diameter pipe (IZOHEAT Micro) and a 12mm diameter pipe (IZOHEAT Micro Plus)



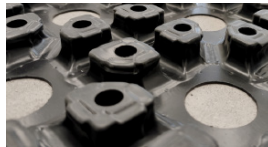
SELF ADHESIVE

Features a self-adhesive mat with overlapping edge panels to optimise the installation process.



INCREASED BOND

The IZOHEAT Micro Mat has an open base which allows for an increased bond with the substrate.



System Options

IZOHEAT MICRO

PRODUCT	SIZE
IZOHEAT Micro Mat	35m ² Pack
IZOHEAT Pipework	10mm x 1.2mm
IZOHEAT Eurocone connection	10mm x 1.2mm
Self-adhesive perimeter strip	25mm or 50mm
Manifold	2-12 ports
Water Mixing Unit*	Up to 14kW
IZOHEAT RTU Primer	5kg Unit
IZOHEAT Renovate screed	25kg

**Only if Primary water mixing is required*

IZOHEAT MICRO PLUS

PRODUCT	SIZE
IZOHEAT Micro Mat	35m ² Pack
IZOHEAT Pipework	12mm x 2mm
IZOHEAT Eurocone connection	12mm x 2mm
Self-adhesive perimeter strip	25mm or 50mm
Manifold	2-12 ports
Water Mixing Unit*	Up to 14kW
IZOHEAT RTU Primer	5kg Unit
IZOHEAT Renovate screed	25kg

**Only if Primary water mixing is required*

Choosing the IZOHEAT Micro Low Profile UFH Pipework System means opting for an advanced, efficient, and versatile heating solution that fits perfectly into the dynamic demands of contemporary construction and remodelling.

It's an investment in efficiency and style, making it an indispensable part of modern building projects.

For more information on IZOHEAT Micro, contact:

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