

Microflex – Calverley Old Hall

Ancient manor restoration with Ground Source Heat Pump





SCOPE

Installation of heating and drinking water systems

• WHO

Calverley Old Hall

• WHAT

Uno and Duo sanitary and heating pipework

• HOW

Microflex including connection with ground source heat pump

• WHERE

West Yorkshire, UK

• WHEN

Autumn 2022

Microflex Uno, Duo and sanitary pipe have been selected for their suitability for transporting heating water and drinking water around the site of this ambitious renovation and restoration project at Calverley Old Hall.



Transforming an ancient manor

Calverley Old Hall is an ancient manor that has been rescued by the Landmark Trust. Their sensitive restoration of this vulnerable property has been carried out in stages and to make the Old Hall more sustainable and environmentally friendly a ground source heat pump system will be delivering the heat to the building.

Microflex has been selected to work alongside the ground source heat pump system to heat radiators and underfloor heating systems within the manor house buildings.

Microflex pre-insulated pipe is ideal for this type of project as it is flexible and durable. It helps to keep water at the same temperature as it travels from the heating source to the building and saves energy in the process which is why it was identified as the ideal solution to support the ambition to upgrade this property to more environmentally friendly heating.

The pipe was supplied by Watts and our National Key Account Manager James Turner explains why Microflex was the first choice for this project: "Calverley Old Hall is a complex site with several buildings which are being served by the heating system. Our Microflex system is composed of a thermal insulation around the carrier pipe that's covered by a "closed chamber" protective UV- resistant casing.

For Calverley Old Hall, installing Microflex ensures that heat losses across the pipe work and system are kept to a minimum, supporting the Landmark Trusts ambition to deliver a more environmentally friendly and sustainable heating system."

Microflex Benefits

Microflex pre-insulated pipes are used in hot and cold potable water, cooling water, wastewater, and other fluid systems.

Our underground heating pipes contribute towards a sustainable future by working with renewable energy applications, saving energy in their everyday usage, and keeping energy consumption and CO2 emissions to a minimum during installation, use and servicing. Microflex helps to keep water at the same temperature as it travels from the heating source to the building and saves energy in the process.

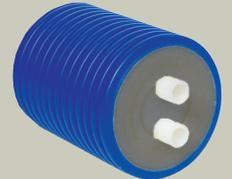
Microflex pre-insulated pipes are durable, contain no pollutants and are non-toxic so contribute to Watts' sustainable water policy. During the production process, we are highly conscious of energy consumption and there is no pollution of air, water or soil.



Products Used



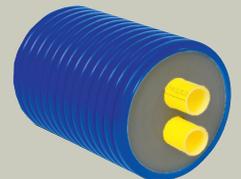
Sanitary Uno



Sanitary Duo



Heating Uno



Heating Duo



Connection Kits



Fittings and Accessories





Watts

At Watts we have one of the widest product ranges in the industry and our products improve comfort, safety and the quality of life for people around the world.

Our range encompasses several well-known brands that form a key part of our product offer. Our experienced team can supply everything you need for your project whether it's plumbing or flow control solutions, water quality and conditioning or HVAC you'll find a Watts product that meets your needs with full support available across the entire product range.

For more information about Microflex Duo or any of the Microflex range, please call **+44 1480 407074** or email us on **wattsuk@wattswater.com**

The descriptions and photographs contained in this document are supplied by way of example and illustration only. Watts Industries reserves the right to carry out any technical and design improvements to its products without prior notice. Watts hereby objects to any term, different from or additional to Watts terms, contained in any buyer communication in any form, unless agreed to in a writing signed by an officer of Watts.

