

The Community Centre required a heating solution that was both efficient, space saving and safe for people of all ages. The client needed an inscreed solution for the concrete subfloor, making it suitable for almost any floor finish, in particular where the flooring (wood, carpet or vinyl) may be replaced from time to time, in a high-traffic community centre.



Quick Facts

Location:
Birmingham, England

Client:
Geotek Heating Ltd

Nature of Project:
Commercial

About the client:
Geotek Heating Ltd are private heating contractors, offering professional plumbing services.

System specifications:
Warmup Metro Rail System,
Warmup PE-RT pipe, Stainless Steel manifold and pump mixer kit,
Warmup S-range Thermostat

System Description

The Metro Rails are laid perpendicular to the planned pipe direction.

Their backing is peeled off and they self-adhere to the floor, starting 200mm off of the wall and then laid parallel at 1m intervals thereafter.

The pipe is then clipped in place before a layer of screed is laid over the pipes to complete the floor.

Features

It is recommended that the Metro System, is installed directly over a layer of insulation, such as the Warmup Metro Insulation.

However the Metro System is also perfect for incorporating UFH into a breathable floor, which may not include conventional insulation.

Where the rails cannot adhere themselves to the sub floor they have holes which support mechanical fixings.

Technical Information

Warmup Metro Insulation is available in a range of thicknesses from 25mm to 100mm in both EPS and PIR variants to help your project comply with building regulations.

The clips on the Metro Rails enable pipe to be installed at any spacing, in multiples of 50mm, with flow and return pipes installed at 25mm centres by staggering a pair of rails.

Metro Rail™

The Warmup Metro System is designed for use within either a floating or a bonded screed floor.

The Metro Rail allows for quick, consistently spaced, installation of the pipework prior to laying either a standard, or a proprietary screed.

