

Delivering district heating to a historic military base

Mibec has recently undertaken the successful specification and delivery of REHAU RAUTHERMEX pre-insulated pipework and special pre-insulated underground valves to a remote military base.

The challenge

The base is in a remote location and is accessible via a service tunnel that can only be used by small vehicles. In addition to being a base, the site is also an operating tourist attraction. One of the client's key requirements was that the work should not disrupt the public opening availability.

Innovation

Mibec worked closely with the consultant specifier Aecom in Glasgow to create the best possible solution to this heritage project challenge. Using our experience of other complex pipe projects, we identified RAUTHERMEX as the ideal solution. It has the highest insulation properties, with a lambda value of 0.199w/mk, which would minimise heat loss.

The access issues required a unique solution as well. The restrictive access barred the use of standard delivery methods, so the coiled RAUTHERMEX pipes were instead transported by HGV before being crane-lifted into the site. This process took two days but enabled the pipe coils to be successfully and safely delivered without impacting this incredible heritage location.

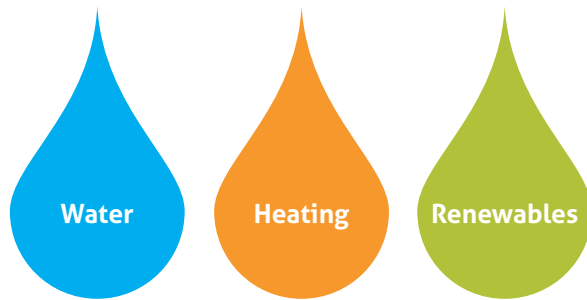
REHAU's isolation valves with compression sleeves are specially designed for underground use and were also used in this highly technical project. These pre-insulated shut-off valves maximised the system's efficiency by securely connecting the RAUTHERMEX pipes.



Mibec's standing as the UK's largest independent single-point supplier of pre-insulated pipework, together with our system design advice, enabled us to deliver a "One Stop Shop" service to the client to help maximise the cost savings for the customers. To find out how Mibec can deliver for your project, speak to our expert team on 01782 959170.

Images for illustration purposes only





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