



## Project Overview

Client: **Wates Group**

Project Area: **Lobby/Reception**

Location: **11 & 12 Wellington Place, Leeds, Yorkshire**

Supply and Install: **Laying Insulation boards with heat mats. Electricians dead test only**

## Wates Group

Established in 1897 the Wates Group is one of the leading privately-owned construction, residential development, and property services businesses in the UK. Rayotec were invited to prepare a quotation for the design, manufacture, and supply of an Electric Underfloor Heating System for 11 & 12 Wellington place in Leeds. The areas requiring underfloor heating were two large receptions at the front of each building facing opposite to each other. This quotation from design to fitting had taken over a year due to changes and delays outside of Rayotec control however we were successfully able to deliver the project as per Wates requirements within the necessary time frames.

## Tender Enquiry

Wates had contacted Rayotec to prepare a quotation for the design, manufacture, and supply of the Electric Underfloor Heating System. The system needed to meet the same performance criteria of a wet underfloor heating system. Our commercial team had then worked to provide the best possible system that would meet the requirements stated. Sizing was verified by scaling floor plans provided by Wates. With all the details provided, Rayotec were able to turn around a supply and installation quote quickly.

## Design

Wates had enquired to assess the economic viability of implementing an electric system in replacement of a wet underfloor heating system. Our design team had to ensure what was quoted would meet the performance requirements that were specified but also be economically viable for the project at hand. Our 150w Webtech system was quoted with a smart Heatmiser Touch E thermostat. 142m<sup>2</sup> of matting was originally quoted to be run via an electrical contactor. In commercial projects requirements can change quickly and this project was no exception. Working with one of the leading construction companies in the country our design team had to ensure they were quick to react to any changes. These changes were mat sizing and layouts along with positioning of cables for Wates to wire up the system as one of the key requirements in the receptions was the positioning of the thermostat out of sight.

When large areas are run on one 16amp thermostat via an electrical contactor it is imperative to ensure that the electrical supply can handle such vast load. Our installation manager liaised with



Wates project managers to ensure they had all the information required for setting out the 1<sup>st</sup> fix requirements.

Once the project was won by Rayotec it was time for the contractual obligations to be covered. Our contracts manager and finance team were thoroughly and professionally able to negotiate the terms and conditions of the installation with minimal fuss. This allowed the installation dates to be quickly arranged as per Wates requirements.

## **Installation**

After a year of design deliberations and lay out changes it was now approaching the installation date. As we are based in London and the project in Leeds it was important the materials needed for the job were on site ahead of time and more importantly stored safely. Our admin team were able to prearrange the delivery with Wates representatives on site so all materials could be delivered quickly and safely in waiting for the installation team.

Our installation team arrived promptly and were able to begin work right away following the mandatory inductions needed on large commercial sites. All work went swimmingly however as it is with any job hurdles can appear which need to be overcome professionally and with minimal fuss. Whilst on site a supervisor informed our installers to work around a desk that is fixed down. This was not on any of the final drawings. Our experienced installers quickly found a solution with the same mat sizing and were able to make minimal changes to accommodate the change. The installation was not delayed in any way.

All electrical paperwork and videos showing the installation at key points were sent to Wates on the day the install was completed by our project handlers in the office.

## **Conclusion**

The project was successfully completed. The insulation boards and underfloor heating was laid leaving it ready for Wates to continue with the fit outs in the receptions. We are pleased to say we delivered what was quoted along with high standards of installation and quality service from the office. We look forward to working with Wates again in the future.

