

# Homewood Grove Chertsey retirement village heating

**HEATCOM**  
SMART HEATING SOLUTIONS



In-screed  
heating cables



Chertsey, Surrey



Thermostat  
controller



## The Goal

Homewood Grove is a new-build luxury retirement village of 116 apartments built on a 4.7 acre brownfield site at Chertsey, Surrey.

Rangeford Villages are one of the UK's foremost developers of retirement properties and worked with Willmott Dixon as the lead contractor of the development which included a wellbeing centre, gym, dance studio, bistro, and bar/coffee shop.

Sustainability was at the forefront of the development with each home being supplied with an electric underfloor heating system operating at a super low output for stable temperatures. The all electric heating and hot water systems lead to lower bills and significantly reduce carbon emissions when compared to gas heating systems.

For more than a year Heatcom's project support team worked with the heat loss engineers, specifiers and installers of the system to ensure a specification that met all of the client's requirements.

As the project evolved and requirements changed Heatcom redesigned the heating system and installation method to allow each apartment to be screeded in one pour before the stud walls had been installed.

Heatcom visited site multiple times to offer support, to discuss modification of the heating

## About Heatcom

At Heatcom, we are specialists in electric heating solutions for indoor and outdoor environments.

Founded in Denmark, we deliver high-quality, energy-efficient, and easy-to-install systems to customers around the world. Our product range includes underfloor heating, ice and snow melting

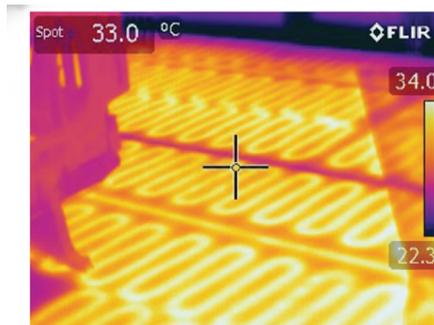
cables and installation method and to sign off on the installations.

Moving from multiple pours to a single pour of screed per apartment enabled a reduction in costs while speeding up the project.

## Heatcom's Solution via Heat Mat

Heatcom provided an ultra-low output in-screed heating cable specially designed to meet the requirements of the designers and to keep the overall electrical load of the site to the required level.

Heatcom's Danish manufactured heating cables were supplied together in one box per apartment to simplify logistics on site and the thermostat controllers were chosen due to their user-friendly programming.



## The Result

Once calibrated to the local conditions, the system worked reliably and kept the driveway clear by melting ice and snow as it formed. It stayed consistent through changing weather and helped keep the area safe for residents and their vehicles.

## Project in detail

### Date Installed

2023

### Location

Chertsey, Surrey

### Client

Rangeford Villages developed the £43m luxury retirement home with Willmott Dixon as their main sub-contractor. Products supplied through Templegate Electrical Supplies Limited

## System Specifications:

- Bespoke in-screed heating cables
- Bespoke fixing method
- Heating mats for swimming pool area

