

Linden House,
Horsham
Apartment Heating

HEATCOM
SMART HEATING SOLUTIONS



160W Underfloor
heating system



Horsham,
West Sussex



Thermostat
controller



The Goal

Linden House is a contemporary conversion of an impressive stone building situated on Chart Way in the centre of popular market town Horsham, West Sussex.

F3Group, the developers of Linden House, were granted consent for change of use to convert the commercial building into apartments. The Portland Stone façade of the original offices was renovated and retained, while the inside has been transformed into 63 high-spec homes.

Previously housing the local council offices, which have now been moved to an adjacent site, the Linden House development overlooks Horsham Park and covers 3.415sqm with a new dedicated access road.

The building has been designed so each of the open-plan 1, 2 and 3 bedroom apartments surrounds a central glass-roofed atrium. A single storey roof extension has been added to allow for a further 12 apartments.

The remit to use the finest materials throughout, led the electrical contractors to approach Heatcom for the underfloor heating. Each apartment has hardwood floors in the living area, carpet in the bedrooms and porcelain tiles in the bathrooms, installed above the heating mats.

Heatcom's technical team and dedicated project manager worked with F3 for over a year to

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

develop the best heating solution for the build. As materials changed and the development evolved Heatcom modified the underfloor heating specification to suit F3's needs. Heatcom's expert team visited the site on multiple occasions to oversee parts of the install.

The Solution

Electric underfloor heating is the sole source of heating for each apartment. Heatcom's 160W heating mats were chosen for their compatibility under a number of floor coverings and ease of installation.

Heatcom's high-quality 160W heating mats are made by hand in Denmark and are constructed with thin 3mm cable to keep extra build height to a minimum. The mats are fitted onto 10mm thermal insulation boards throughout each property and controlled by Heatcom's NGTouch thermostat - a colour touchscreen device suited to the modern interior.

The Result

Heatcom's efficient 160W heating system is used throughout the stylish spaces to provide warm floors. The insulation boards ensure there is little downward heat loss and increase the warm-up time of each system, ensuring the heating at Linden House is energy-efficient and contributes to a comfortable living environment for residents and their guests.

The gross development value (GDV) of the project was £17million with a 2 bed apartment on the market for £280-300,000. A few properties remain available, but the majority of the apartments have been snapped up.

Project in detail

Date Installed

2016

Location

Horsham, West Sussex

Client

F3DEVELOP are the company behind the high-end conversion and their preferred contractors completed the installation of the underfloor heating system with support from Heatcom.

System Specifications:

- 160W/sqm underfloor heating mats
- 10mm thermal insulation boards
- NGT programmable thermostat timer

