

Linden House, Horsham Apartment Heating



160W Underfloor heating system



Horsham,
West Sussex



NGTouch
Thermostat

Heat Mat provides whole-home heating for new luxury apartments in West Sussex

Heat Mat's popular 160W electric underfloor heating mats and contemporary NGTouch thermostats have been fitted into apartments at an impressive conversion project in Sussex.

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 Heat Mat 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.

Heat Mat's technical team and dedicated project manager worked with F3 for over a year to develop the best heating solution for the build. As materials changed and the development evolved Heat Mat modified the underfloor heating specification to suit F3's needs. Heat Mat's expert team visited the site on multiple occasions to oversee parts of the install.

Heat Mat's Solution

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

Heat Mat'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 Heat Mat's NGTouch thermostat - a colour touchscreen device suited to the modern interior.



The Result

Heat Mat'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.



The exterior of Linden House, Horsham

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 Heat Mat.

System Specifications:

- 160W heating mats
- 10mm thermal insulation boards
- NGTouch touchscreen thermostats



About Heat Mat

With more than 1,200,000m² of underfloor heating installed and 20 years' experience of the UK underfloor heating market, you can rely on Heat Mat to understand your needs and supply the products to satisfy your requirements. This is why we are the Professionals' Choice, the number one underfloor heating supplier to the professional installation market.

Contact us

01444 247020
sales@heatmat.co.uk

www.heatmat.co.uk or
www.iceandsnowsystems.co.uk



Heat Mat

Underfloor Heating

Heat Mat Limited, Ashwyn Business Centre,
Marchants Way, Burgess Hill, West Sussex, RH15 8QY