

**HEATMAT**  
ICE & SNOW SYSTEMS

## Driveway heating for high-end homes in Ascot, Berkshire



Advanced  
Ice & Snow Systems



Driveway and  
ramp heating



Fully programmable  
thermostats



The system completely clears the drive without exception...

## The Goal

A Heat Mat ramp heating system has been installed at Millgate Home's new luxury development in Ascot, Berkshire.

Englemere was previously the site of a Regency Villa and the impressive property once housed royalty during the second world war.

Millgate has created 17 high-end homes at Englemere using premium materials including Heat Mat's driveway UK manufactured heating cables. Prices for the 2 or 3 bed properties begin at £1.4m. The lavish apartments, with covetable contemporary features, are set in 12 acres of grounds near Ascot Racecourse and are due for completion in Summer 2016.

The remit at this prestigious development was to enable year-round resident access and improve safety in winter. Following the successful installation of a similar driveway heating system at Westbrook House, Millgate approached Heat Mat to supply a second ramp heating system for the parking incline at Englemere.

## Heat Mat's Solution

Heat Mat's project team specified a robust driveway heating system for the ramp down to the secure underground parking area.

Following on-site consultations Heat Mat proposed a system to heat sections of the driveway using external weatherproof cables installed to generate a 300W/m<sup>2</sup> output.

Heat Mat's 50W hot asphalt cables were secured to the concrete base. Due to their unique construction, hot asphalt could be poured directly on top of the cables for a faster and less expensive install than alternative cables.

The system produces an output of 300W/m<sup>2</sup>, sufficient to melt dangerous ice on the driveway.

When the temperature drops, Heat Mat's FRO-48A-STAT dual zone thermostat will control the system and a FRO-GRO-SENS moisture and temperature sensor will monitor the ground conditions. The heating will only be activated when the temperature drops below 3oC and moisture is detected in the air posing the risk of freezing and ice forming.

## The Result

The new driveway heating system is an added value feature for residents, allowing safe access to the underground parking area in winter.

Heat Mat's commitment to using high-quality materials and focus on safety is synonymous with Millgate's approach to building.

## Project in detail

### Date Installed

2016

### Location

Ascot, Berkshire

### Client

Millgate Homes

### System supplied through

BEW Farnborough

### Installer

Heat Mat specialist installation partner

### System Specifications

- ICE-50W-1050  
ICE-50W-4250  
Hot Asphalt Cables for driveways
- 300W/sqm output
- Automatic monitoring and control equipment including temperature and moisture sensors

### About Millgate Homes:

Heat Mat has worked with Millgate Homes on multiple driveway heating installations including at their luxury developments in Ascot, Berkshire.

## About Heat Mat

Heat Mat is part of the Heatcom group of companies, one of Europe's largest underfloor heating manufacturers. With Heat Mat's 25 years' experience of the UK underfloor heating market and a wealth of knowledge on Scandinavian ice and snow melting systems, 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 supplier of electric underfloor heating and ice and snow melting systems to the UK's professional installation market.

## Contact us

01444 247020

[tech@heatmat.co.uk](mailto:tech@heatmat.co.uk)

[www.heatmat.co.uk](http://www.heatmat.co.uk)

[www.iceandsnowsystems.co.uk](http://www.iceandsnowsystems.co.uk)

**HEATMAT**  
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Heat Mat Limited  
3 Danworth Farm, Cuckfield Road,  
Hurstpierpoint, West Sussex, BN6 9GL

