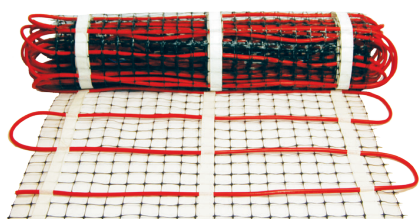


# No worries next winter...

- ✓ Intelligent driveway heating
- ✓ Self-regulating frost protection cables
- ✓ Easy to install fixing accessories
- ✓ 10 year warranty

3,500 claims were recorded in a single day for burst pipe damage which cost the average household £7,000



Driveway heating



Gutter & pipe heating



Sensor & controls

## Gutter & pipe frost protection system

Frost protection solutions for gutters and pipes



### Smart self-regulating cable

Self-regulating cable reacts to changes in temperature along the entire length, which means you only heat the cold areas and can pass them through walls and insulation.



### Gutters and downpipes

Install in gutters and downpipes to prevent damage caused by heavy build-up of ice and snow in cold conditions.



### Pipe frost protection

Keeps essential water supplies flowing in freezing conditions and helps to prevent blocked and burst pipes.



## Driveway & path heating system

Heating mesh and cable systems for driveways and paths



### Pre spaced matting

Available in pre-spaced matting for easy installation and a guaranteed output per m<sup>2</sup>.



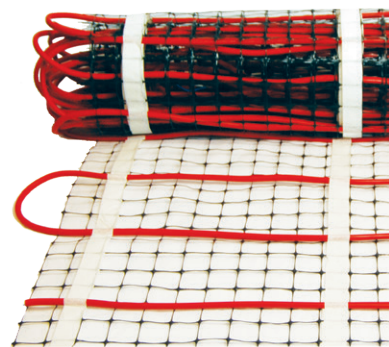
### Flexible cable system

Use or fixed output cables for irregular shaped areas that require a custom layout.



### Residential or commercial

Available in single phase 230V for residential projects and 400V three phase for larger commercial systems.



## Driveway sensors & control system

Intelligent sensors for efficient operation



### Temperature and humidity sensor

Installed in the driveway to monitor temperature and humidity to analyse the risk of snow and ice formation.



### Efficient timer

Set up a timed schedule for your outdoor heating and adjust the lower temperature limits to keep your outdoor heating system on where there is a risk of ice or snow.



### Compatible with BMS systems

Connect to your Building Management System to control and monitor through an existing home automation set up.



## Project examples



### Northern General Hospital

Heated helipad and access ramp using a 3 phase specification which used a 400V system with an output of 300W/m<sup>2</sup>.



### Hartfield Road, London

3 phase driveway heating which included an ice and snow sensor for each slope. The system automatically switches on if an ice or snow risk is detected ensuring safety.

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ThermoSphere is a trading name of Thermogroup Ltd.

Excellence in heating solutions.