

Hastings Pier Underfloor Heating Systems

HEATCOM
SMART HEATING SOLUTIONS



160W Underfloor
heating system



Hastings
East Sussex



Thermostat
controller



The Goal

During the £14.2m refurbishment of historic Hastings Pier, funded largely by the Heritage Lottery Fund, a traditional wet system was ruled out because it would simply have been too great a load for the flooring in the restaurant. The floor is housed within the original superstructure left behind after fire devastated the majority of the Victorian pier in 2010, following closure in 2008 due to it being unsafe and in a state of disrepair.

The Solution

In sensitive sites such as this, electric underfloor heating can carry major advantages. "A wet system would have added additional unnecessary load to the floor, which in turn would have put additional stress to the surface" stresses Paul Yates, director of Premier Electrical Services, the lead electrical contractor.

Perched over the English Channel, on the original cast iron structure, the large expanse of floor has to handle the constant influx of visitors to the iconic attraction. Therefore minimising the load bearing was vital for what was a complex install.

Working closely with wholesaler Edmundson Electrical in Crawley, West Sussex, Heatcom's project manager visited the site during construction to calculate the size and nature of the electric underfloor heating required before the wholesaler dispatched the job straight to site.

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

The underfloor heating was installed in three zones using a combination of loose 3mm heating cable to cover any awkward spaces within the restaurant and 160W heating mats. The zones are thermostatically controlled by three white Heatcom NGT colour touchscreen thermostats.

Aside from the main open service area, a toilet and kitchen pod, dry store and staff changing rooms were also fitted with Heatcom's electric underfloor heating mats and cables.



The Result

The historic structure originally opened in 1872 played host to top pop and rock acts such as the Rolling Stones and Pink Floyd in the 1960s.

The pier re-opened to the public on 21st May 2016 with a concert by Madness. The band's lead singer Suggs was born in Hastings and was also invited to nail down the last plank of decking earlier in the month.

The underfloor heating install was completed and commissioned in late April by Premier with the support of Heatcom's project manager.

The final heating system provides a flexible floor warming solution for the pier and will add to staff and diners comfort at the restaurant.

The lighter weight of the final electric underfloor heating system guarantees the integrity of the floor will be preserved for many years to come.

Project in detail

Date Installed

2016

Location

Hastings, East Sussex

Client

The Hastings Pier Charity

Installer

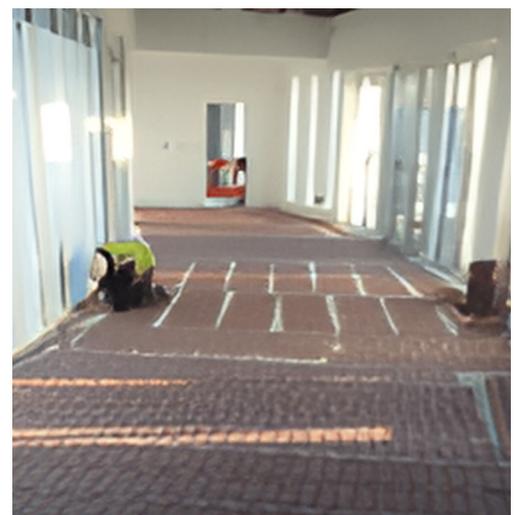
Premier Electrical Services

System Supplied Through

Edmundson's Electrical, Crawley

System Specifications:

- 160W/sqm underfloor heating mats to provide full heating
- NGTouch colour touchscreen thermostat timers



Heatcom's 160W heating mats being installed