

thermo Sphere



Project
Apsley House

Location
London

Project type
English Heritage

Product(s)
ThermoSphere Foil
Programmable Thermostat

Project overview

Once known as 'Number 1 London', Apsley House is the home to the Dukes of Wellington. The Grade I listed building stands alone at Hyde Park Corner and needed an upgrade to the existing heating system in five areas.

The stakeholders of Apsley House were considering the feasibility of a new heating system in five areas of the house because the LTHW wall mounted radiant panels were difficult to maintain due to their location and finish.

Following consultation, ThermoSphere Foil was chosen as the ideal electric underfloor heating solution for the project because the carpet floor covering could simply be lifted up and the Foil build-up laid underneath along with HDF overlay board. The existing carpet was carefully re-laid and a timber shim made to remove trip hazards.

The total build-up was only 15mm in height and the heating output matched the requirements needed for each room. In total 249m² of ThermoSphere Foil was installed and as the thermostats had to be hidden away, we manufactured bespoke extra-long cold tails to facilitate this.