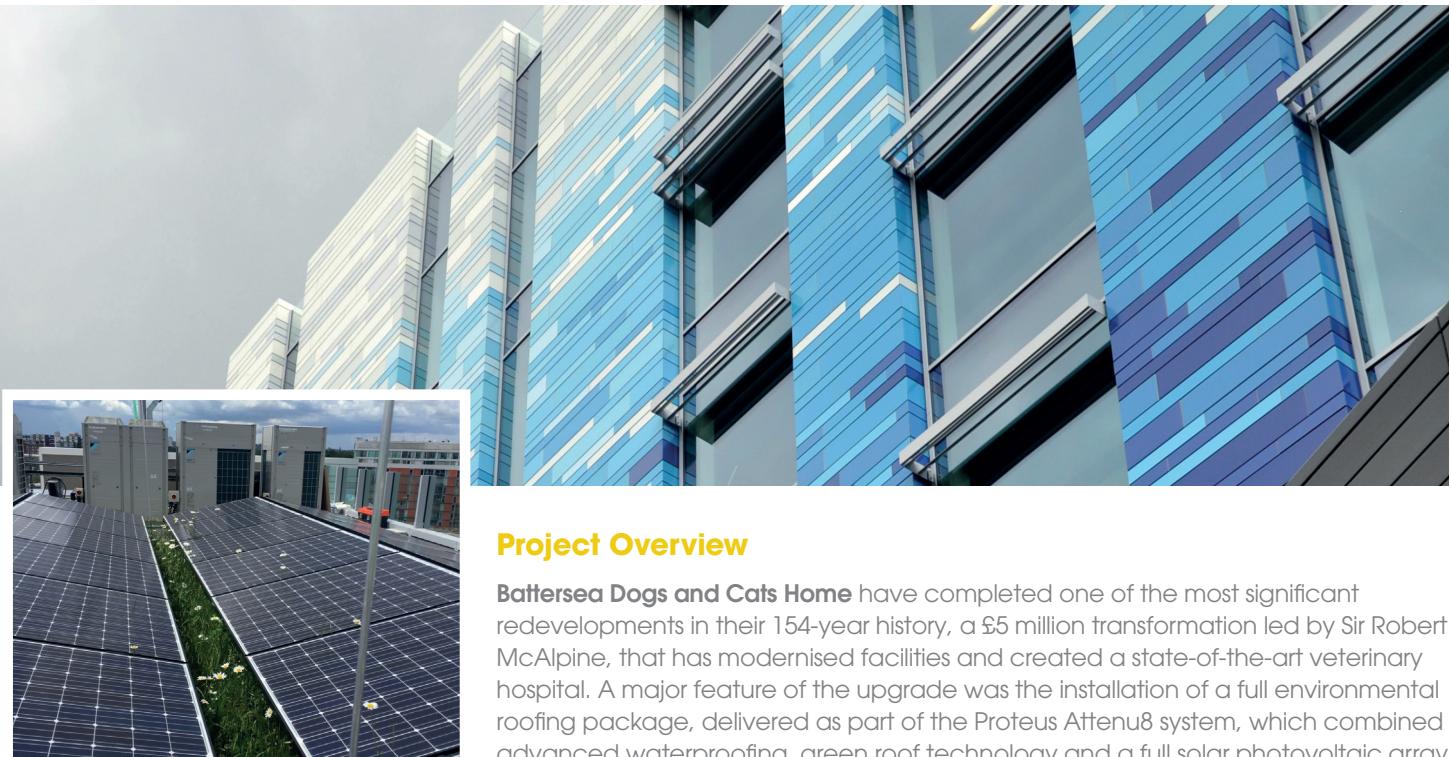


# Proteus Attenu8 System delivers the complete environmental roofing solution for Battersea Dogs & Cats Home



## Project Overview

**Battersea Dogs and Cats Home** have completed one of the most significant redevelopments in their 154-year history, a £5 million transformation led by Sir Robert McAlpine, that has modernised facilities and created a state-of-the-art veterinary hospital. A major feature of the upgrade was the installation of a full environmental roofing package, delivered as part of the Proteus Attenu8 system, which combined advanced waterproofing, green roof technology and a full solar photovoltaic array.

The project required a roofing solution that could meet stringent performance, environmental and operational demands. Over 1,200 square metres of Proteus Cold-Melt® waterproofing membrane, a key component of the Attenu8 system, was applied by a Proteus Licensed Contractor as part of a five-layer build-up designed specifically around the charity's needs and budget. The system comprised the Cold-Melt® liquid waterproofing membrane, Pro-Therm XPS insulation, Proteus Low-K separation layer and attenuation components, topped with three distinct finishes - paving, decking and an extensive green roof. A photovoltaic solar panel system was then installed over the finished roof to power the building below.

Because the project sits at the heart of a working animal care environment, safety and sensitivity were critical. The cold-applied Attenu8 system eliminated heat and flame risks associated with traditional methods, while Cold-Melt®'s very low odour ensured work could proceed without disturbing either staff or the Home's animal residents. This made the Proteus solution uniquely suited to the site's operational constraints.

In addition to waterproofing, the Battersea redevelopment placed strong emphasis on sustainability. The Attenu8 system allowed the roof to support a proven green solution, together with an integrated solar PV system, enabling the charity to generate renewable energy on-site while improving water

management and biodiversity. As a complete environmental package, Attenu8 offered seamless compatibility between these elements, providing operational efficiency alongside environmental gain.

With recycled content, an elastomeric seamless structure and BBA certification confirming performance beyond the building's design life, Cold-Melt® and the wider Attenu8 system will support Battersea Dogs and Cats Home for decades to come, protecting its vital facilities while advancing its commitment to a greener future.

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