

SONNENKRAFT Solar Systems Teams up with developer Barry Morgan to Install a SONNENKRAFT Solar water heating solution to Award Winning Foots Cray Place, Foots Cray Meadows in Kent.

SONNENKRAFT assists Luxury building developer Barry Morgan of Morgan Restoration with the implementation of a cleverly designed Solar Thermal solution for this Listed Building.

This is a 1756 Grade II listed building was the Award Winner of the Bexley Environmental Challenge with the careful design and implementation of each element in the property Barry Morgan regenerated this building into a Luxury sort after development.

The Solar Water Heating panels that are placed on the South Facing roof to obtain maximum efficiency, they are not very visible but perhaps that is the beauty of having Solar installed even if you have a listed building?



The Installation

This Solar Water Heating Solution consisted of 25m² of SONNENKRAFT Solar Panels in conjunction with a 2000litres of storage. This heats the water via a Fresh Water module together with 12.5metre swimming pool and also contributes to the under floor heating.

This Listed building redevelopment completed by one of SONNENKRAFT partners Morgan Restoration was designed specifically to meet the highest levels of energy savings.

Performance

The orientation of the SONNENKRAFT System on this development offers the optimal level of Solar radiation allowing the system to perform and generate high solar gains fort his building.

Technical Datasheet

Type of Renewable Energy: Solar Thermal	10 SONNENKRAFT SK500 Flat Plate Collectors, 2.57 m ² ,
Total Gross Surface Area:	25 m ²
Number of collectors:	10 SONNENKRAFT SK500L Collectors
Orientation: South	Backup fuel: Gas
Angle of inclination: 20 degrees	Co2 savings: not calculated