

# PHOTOVOLTAIC FAÇADE

## NEW CONSTRUCTION

Onyx Solar has completed a new project few meters apart from Buckingham Palace in London.

The building incorporated a ventilated façade system made of crystalline silicon PV glass.

The project goals included the maintenance of an opaque look for the building's façade, making it stand out from the rest of building materials.

The PV glass was manufactured with a black color ceramic frit treatment on the surface and it produces a **free and clean power to its owners reaching the nominal power and the solar heat coefficient desired by them for this surface.**

For this project **DROO** employed a recurring element of English architecture through a fresh interpretation of the arched window on the façade. With a contemporary design in a highly protected conservation area, the curved glass extends tangentially from the building to enlarge the living space, intruding into the street as a semi-external floating spatial experience.



### TECHNICAL DATA

Nominal Power (Wp/m <sup>2</sup> )	130 Wp/m <sup>2</sup>
Visible Light Transmittance (VLT)	0%
Solar Factor (g-value)	23%
U value (W/m <sup>2</sup> K)	N/A
U value (Btu/h ft <sup>2</sup> °F)	N/A
Light Reflection (external)	8%



TECHNICAL DATA SHEET



**CASTLE LANE**  
LONDON, UNITED KINGDOM

**FAÇADE**

CRYSTALLINE SILICON TECHNOLOGY

DROO

brickarchitecture

BACK TO START

