

PHOTOVOLTAIC FAÇADE RENOVATION

Originally constructed in the 1980s, this bank's headquarters underwent an **innovative refurbishment** by integrating a second skin with photovoltaic technology which offers a contemporary design while **ensures a sustainable and robust supply of clean energy for its employees.**

The façade now also **filters harmful radiation and heat to achieve huge savings in cooling.** The installation features 3,250 photovoltaic glass panels which cover an area of 6,500 square meters and achieve 1 MW of installed power.

This groundbreaking project achieved a great milestone when it was made as the **largest photovoltaic integration on the african continent.**

Each PV glass unit measures 2,000 x 1,000 mm and features a **blue ceramic frit to align with Sterling Bank's aesthetic requirements.**



STERLING BANK
LAGOS, NIGERIA

FAÇADE

CRYSTALLINE SILICON TECHNOLOGY

TECHNICAL DATA

Nominal Power (Wp/m ²)	159 Wp/m ²
Visible Light Transmittance (VLT)	0%
Solar Factor (g-value)	29%
U value (W/m ² K)	N/A
U value (Btu/h ft ² °F)	N/A
Light Reflection (external)	8%



TECHNICAL DATA SHEET



BACK TO START

