

**KRINGSJÅ SKOLE**  
OSLO, NORWAY

**FAÇADE**  
CRYSTALLINE SILICON TECHNOLOGY

**PHOTOVOLTAIC FAÇADE**  
**NEW CONSTRUCTION**

The photovoltaic curtain wall, made of crystalline silicon PV glass, **combines four different colors** and serves as an educational tool to showcase the evolution of solar energy to students of all ages.

Designed with double glazing, the PV glass offers a **U-value of 0.7 W/m²K, making it perfectly suited for Norway's cold climate.** With an installed capacity of 2.8 kWp, this system is expected to prevent the emission of 35 tons of CO<sub>2</sub> into the atmosphere. Additionally, it allows ample natural light inside with its 44% light-transmittance level.

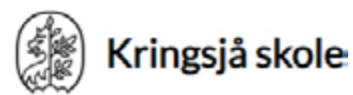


**TECHNICAL DATA**

Nominal Power (Wp/m²)	109 Wp/m²
Visible Light Transmittance (VLT)	44%
Solar Factor (g-value)	20%
U value (W/m²K)	0.70
U value (Btu/h ft² °F)	0,12
Light Reflection (external)	8%



TECHNICAL DATA SHEET



BACK TO START