

PHOTOVOLTAIC FAÇADE NEW CONSTRUCTION

Onyx Solar's amorphous photovoltaic glass renovated the façade of the Frölunda Culture House in Gothenburg, Sweden, with its installation as a curtain wall solution.

The customization of the project was intricate: **over 60 different sizes of PV glass units** were designed and manufactured to conform to the exacting size and shape specifications of the existing building.

The project excels in insulation, representing a challenge that has been successfully overcome.



TECHNICAL DATA

Nominal Power (Wp/m ²)	28 Wp/m ²
Visible Light Transmittance (VLT)	30%
Solar Factor (g-value)	37%
U value (W/m ² K)	0.70
U value (Btu/h ft ² °F)	0,12
Light Reflection (external)	8%



TECHNICAL DATA SHEET



FRÖLUNDA KULTURHUS
GOTHENBURG, SWEDEN

FAÇADE

AMORPHOUS SILICON TECHNOLOGY



Göteborgs
Stad