

PHOTOVOLTAIC BRISE SOLEIL NEW CONSTRUCTION

Onyx Solar's provision of photovoltaic fins for the façade of the EIC Building within Bizkaia Technology Park in Spain demonstrate the **enriching potential of Building Integrated Photovoltaic (BIPV)** solutions.

The project features **horizontal photovoltaic fins** composed of amorphous silicon photovoltaic laminates safety glass panes with a robust configuration of **8+3+8 mm**, that were manufactured in **27 different sizes** to be perfectly integrated.

The use of these photovoltaic fins, or 'brise soleil', are specially beneficial in architectural design. They function as **solar shading structures**, effectively **reducing heat gain inside the building and subsequently decreasing the energy needed for cooling.**



TECHNICAL DATA

Nominal Power (Wp/m ²)	34 Wp/m ²
Visible Light Transmittance (VLT)	16%
Solar Factor (g-value)	32%
U value (W/m ² K)	N/A
U value (Btu/h ft ² °F)	N/A
Light Reflection (external)	8%



MORE INFO IN VIDEO



EIC INTELLIGENCE CENTER

BILBAO, SPAIN

BRISE SOLEIL - FINS

AMORPHOUS SILICON TECHNOLOGY



"The Energy Intelligence Center is a project aimed at positioning Bizkaia and the Basque Country as an international reference in the field of energy."

Project Manager - Gobierno Vasco