

PHOTOVOLTAIC SKYLIGHT

NEW CONSTRUCTION

Azurmendi is a **3 Michelin Star** restaurant that was awarded as the **Most Sustainable Restaurant in the World** and obtained the **LEED Gold Certification**.

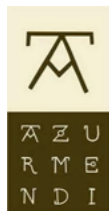
They installed Onyx Solar's photovoltaic insulated glass units integrated within the curtain wall and skylight.

The glass installed is made of amorphous silicon solar cells and features a **semi-transparency degree of 20%**. This architectural choice promotes the **entrance of natural light meanwhile filters 99% and 95% of ultraviolet and infrared radiation**, thus preventing interior aging and ensuring comfort among the demanding foodies who decide to delight themselves with the food that comes out from chef Eneko's stoves.



TECHNICAL DATA

Nominal Power (Wp/m ²)	40 Wp/m ²
Visible Light Transmittance (VLT)	10%
Solar Factor (g-value)	28%
U value (W/m ² K)	2.70
U value (Btu/h ft ² °F)	0,47
Light Reflection (external)	8%



AZURMENDI RESTAURANT

BILBAO, SPAIN

SKYLIGHT

AMORPHOUS SILICON TECHNOLOGY

Azurmendi was conceived and built with a priority on sustainability. The design of the building allows for a space where boundaries are broken and modern architecture blends with nature, penetrating the interior and extending onto the external roof, which houses the sustainability center.

Eneko Atxa - Owner Azurmendi

