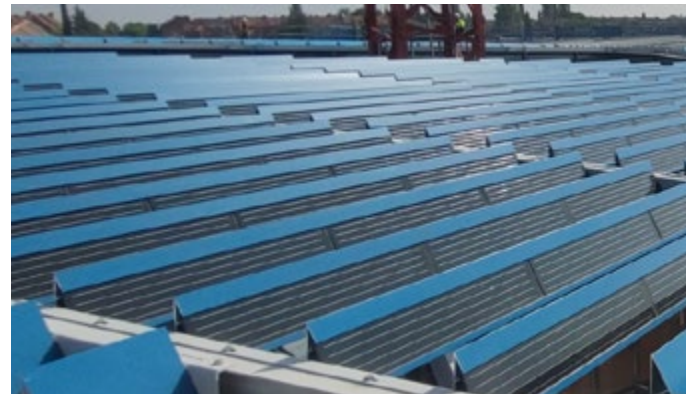


PHOTOVOLTAIC BRISE SOLEIL UNDER CONSTRUCTION

Onyx Solar has participated in the construction of the new **Faculty of Science building at the National University of Distance Education (UNED) in Las Rozas, Madrid**. This building, designed by architects Begoña Fernández-Shaw Zulueta and Luis Rojo de Castro, stands out for its **avant-garde approach**, integrating cutting-edge architectural solutions with the use of **photovoltaic glass**.

The building features an efficient roof made up of slats incorporating **Onyx Solar's photovoltaic glass**. **Over 4,000 units of crystalline silicon glass**, measuring 933 mm x 190 mm, have been installed. This glass not only enhances the **building's aesthetics** but also helps **reduce energy consumption**, aligning with the campus's sustainability goals. The integration of this glass allows the building to **generate clean energy**, strengthening the **energy self-sufficiency** of the project.

The building's modular design optimizes natural light and promotes interaction with the environment, thanks to interior courtyards and skylights that facilitate ventilation and harness solar energy. This project, a collaboration between **SEGIPSA, ENAR, TRAGSA, and Grupo Aluman**, highlights **UNED's** commitment to leading the **integration of advanced technologies** in its infrastructure, providing students with a modern, efficient, and functional environment.



TECHNICAL DATA

| | |
|------------------------------------|-----------------------|
| Nominal Power (Wp/m ²) | 141 Wp/m ² |
| Visible Light Transmittance (VLT) | 0% |
| Solar Factor (g-value) | 0% |
| U value (W/m ² K) | N/A |
| U value (Btu/h ft ² °F) | N/A |



TECHNICAL DATA SHEET



MORE INFO IN VIDEO



UNED FACULTY OF SCIENCE

MADRID, SPAIN

BRISE SOLEIL - FINS

CRYSTALLINE SILICON TECHNOLOGY

SEGIPSA

ENAR
envolventes arquitectónicas
arquitectural envelopes

GrupoTragsa

Grupo
Aluman