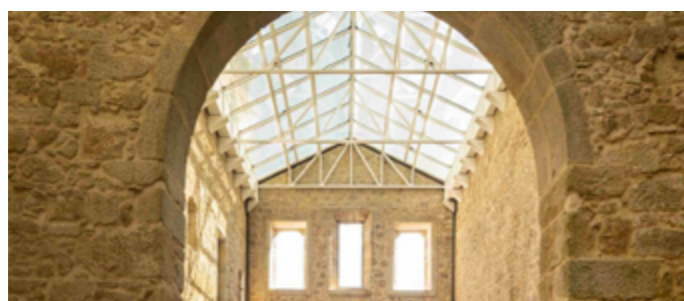


PHOTOVOLTAIC SKYLIGHT RENOVATION

This hotel located in Porto's area has a rich historical background as a former convent. Through a **meticulous renovation**, the **original architecture and historical artifacts of the abbey were preserved**, maintaining the essence of the building's heritage.

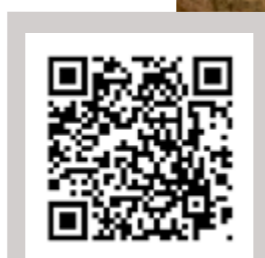
Onyx Solar manufactured **amorphous silicon photovoltaic glass panes** for the project. A key feature of these panes is their efficient **U-value**, which is essential **for thermal insulation**. In a climate like Porto's, known for its diverse weather conditions, the ability to maintain a stable indoor temperature is crucial for guest comfort while also reducing energy costs associated with heating and cooling.

One of the most remarkable aspects of Onyx Solar's photovoltaic glass is that **it feels and looks like conventional architectural glass**. This characteristic allows the Neya Hotel to reap the benefits of modern solar technology without compromising the aesthetic integrity of the historic building.



TECHNICAL DATA

Nominal Power (Wp/m ²)	47 Wp/m ²
Visible Light Transmittance (VLT)	10%
Solar Factor (g-value)	10%
U value (W/m ² K)	1.20
U value (Btu/h ft ² °F)	0,21
Light Reflection (external)	8%



TECHNICAL DATA SHEET



NEYA HOTEL
 PORTO, PORTUGAL

SKYLIGHT
 AMORPHOUS SILICON TECHNOLOGY



BACK TO START

