

PHOTOVOLTAIC SKYLIGHT RENOVATION

The historic food market in Salamanca, Spain, underwent a remarkable **rehabilitation and historic preservation**.

Onyx Solar replaced the old skylight in the interior courtyard with a **new photovoltaic skylight**. This innovative skylight combines three different levels of light transmittance using amorphous silicon glass: **10%, 20%, and 30%**.

The installed system prevents 6 tons of CO₂ emissions annually, marking a significant contribution to sustainability.



TECHNICAL DATA

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|------------------------------------|----------------------|
| Nominal Power (Wp/m ²) | 34 Wp/m ² |
| Visible Light Transmittance (VLT) | 16% |
| Solar Factor (g-value) | 12% |
| U value (W/m ² K) | 2.70 |
| U value (Btu/h ft ² °F) | 0,48 |
| Light Reflection (external) | 8% |



TECHNICAL DATA SHEET



HISTORICAL MARKET
SALAMANCA, SPAIN

SKYLIGHT

AMORPHOUS SILICON TECHNOLOGY

