

# PHOTOVOLTAIC FAÇADE

## NEW CONSTRUCTION

The **Querétaro Block** represents a milestone in technological advancement in Mexico, establishing itself as the new **BLOQUE Center for Creative Innovation and Technology** in Querétaro. This exceptional complex will position the city as the premier digital technology hub in Latin America.

Reflecting its cutting-edge nature, the building integrates advanced solutions such as **over 3,700 photovoltaic glass units** from Onyx Solar across its four façades. These panels offer a total installed capacity of **505 kWp**, allowing the complex to achieve more than 40% energy independence. They generate over **458,000 kWh** annually, making it the largest photovoltaic wall in Latin America.

The photovoltaic glass integrates **crystalline silicon cells** with **blue-tinted glass**, creating a visually striking effect. This not only highlights the building's commitment to **renewable energy** but also provides a distinctive blue hue to its façades. Additionally, the installation of **Mexico's first 3D screen** ensures the building draws significant attention.

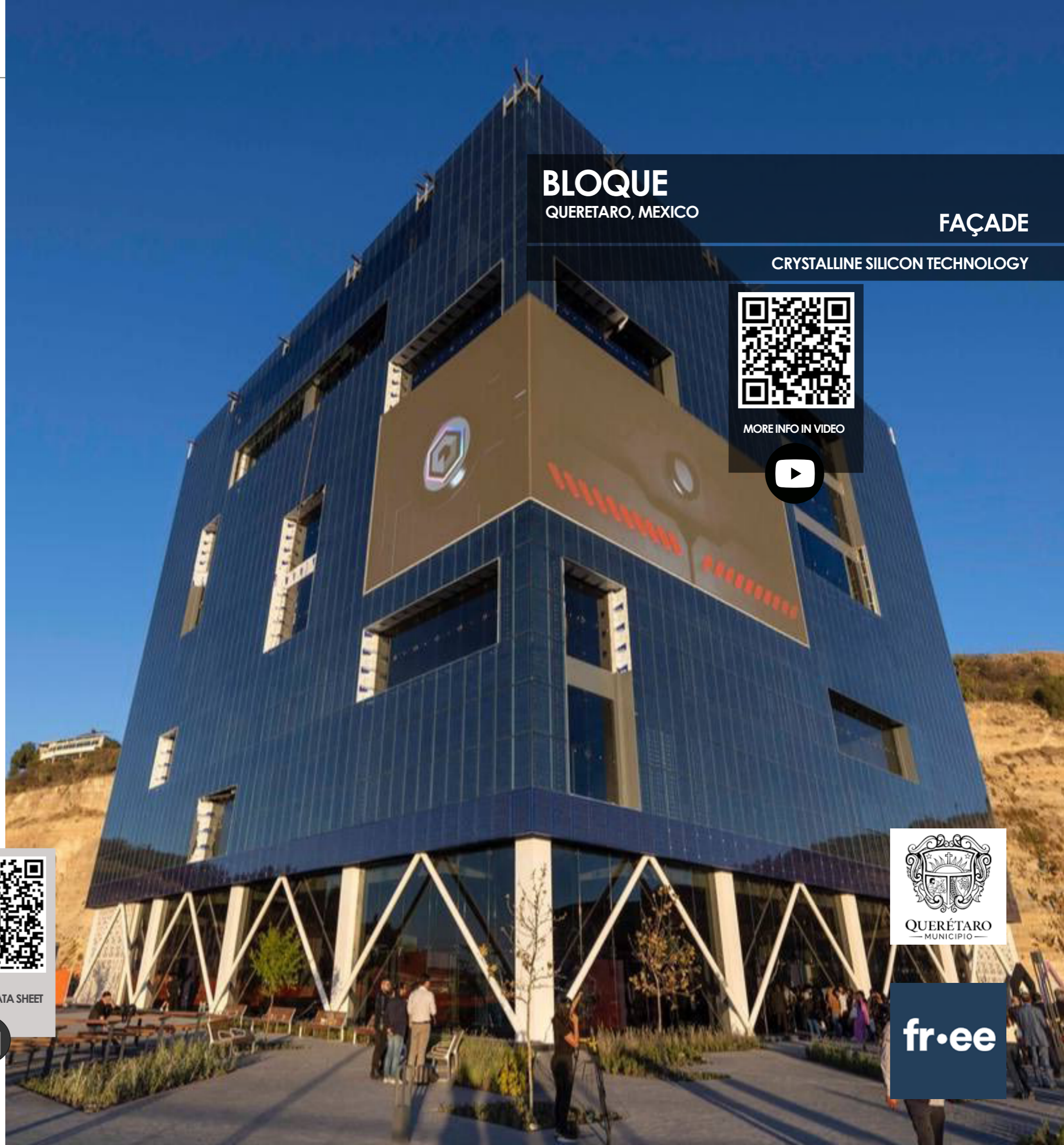


### TECHNICAL DATA

Nominal Power (Wp/m <sup>2</sup> )	104 Wp/m <sup>2</sup>
Visible Light Transmittance (VLT)	39%
Solar Factor (g-value)	23%
U value (W/m <sup>2</sup> K)	5,4
Light Reflection (external)	<6%



TECHNICAL DATA SHEET



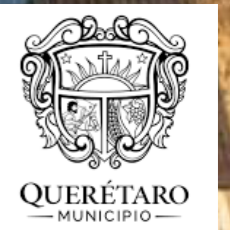
**BLOQUE**  
QUERETARO, MEXICO

**FAÇADE**

CRYSTALLINE SILICON TECHNOLOGY



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