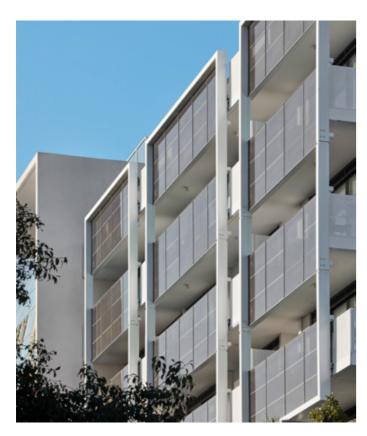
PHOTOVOLTAIC RAILING

NEW CONSTRUCTION

This project located in Melbourne, The General, an 8-story mixed-use development stands out as a pioneering sustainable building. It is the first in Australia to integrate solar photovoltaic glass on a façade and railing, achieving a high-quality, 7.5-star energy rating, and offering a sustainable alternative to typical apartment buildings.

In the "The General" project, Onyx Solar provided **amorphous silicon photovoltaic glass, selected for its low light transmittance,** is a testament to the architect's vision of creating a building that is both functionally and visually harmonious with its urban surroundings.



TECHNICAL DATA

Nominal Power (Wp/m²)
Visible Light Transmittance (VLT)
Solar Factor (g-value)
U value (W/m²K)
U value (Btu/h ft² °F)
Light Reflection (external)

40 Wp/m²
10%
17%
N/A
0,98
8%

