

## PHOTOVOLTAIC FAÇADE NEW CONSTRUCTION

Onyx Solar manufactured solar PV architectural laminated glass panels for this Exceldor's new plant that became the benchmark in the poultry further processing sector in Canada.

The use of the **see-through PV glass in the construction of this building allowed the professionals to favour an abundance of natural light** offering superior quality amenities and common areas for the front part of the plant where the offices and laboratories are located.

In addition the **glass incorporates a 16 mm air chamber to provide the thermal insulation required by the customer keeping in mind the weather conditions of Canada.**



### TECHNICAL DATA

Nominal Power (Wp/m <sup>2</sup> )	34 Wp/m <sup>2</sup>
Visible Light Transmittance (VLT)	20%
Solar Factor (g-value)	12%
U value (W/m <sup>2</sup> K)	1.6
U value (Btu/h ft <sup>2</sup> °F)	0,28
Light Reflection (external)	8%



**EXCELDOR**  
QUEBEC, CANADA

**FAÇADE**

AMORPHOUS SILICON TECHNOLOGY

