

PHOTOVOLTAIC FAÇADE NEW CONSTRUCTION

Located in the Netherlands, this project features photovoltaic glass manufactured using monocrystalline **5BB technology**.

The glass has large dimensions of up to 3829 x 1994 mm, a **double 12 mm argon chamber**, and a total thickness of 60 mm, with an individual weight of 630 kg, making it the heaviest glass manufactured by Onyx Solar to date.

The Geelen Counterflow office building in Haelen, Netherlands, received a **five-star rating on the BREEAM NL certification** system after expanding its headquarters. This building expansion, designed by Architecten en Bouwmeesters and built in 2014, holds the title of **the most sustainable office worldwide with a BREEAM score of 99.94%**.



TECHNICAL DATA

Nominal Power (Wp/m ²)	95 Wp/m ²
Visible Light Transmittance (VLT)	51%
Solar Factor (g-value)	23%
U value (W/m ² K)	0.70
U value (Btu/h ft ² °F)	0.12
Light Reflection (external)	8%



GEELEN COUNTERFLOW
HAELN, NETHERLANDS
FAÇADE
CRYSTALLINE SILICON TECHNOLOGY



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