

# WALKABLE PV FLOOR

## NEW CONSTRUCTION

The shareholders of Kirk Kapital are the direct descendants of Ole Kirk Kristiansen, **the founder of LEGO**.

A total of **446 glass units, varying in shape and size**, were utilized for the project to achieve its distinctive circular design.

Fjord House sets a new standard for integrating renewable energy sources into everyday infrastructure with a walkable photovoltaic floor that reach a nominal power of **173 Wp per m<sup>2</sup>**.

The **PV crystalline glass** features complete opacity, incorporating a 100% coverage ceramic frit. This innovation proves to be **highly efficient**, generating over **40,000 kWh per year**.

Fjord House is the first building designed entirely by artist Olafur Eliasson and architect Sebastian Behmann. Rising directly from the harbour of Vejle, the building brings together years of research in diverse fields into one project: urban space, light conditions, nature, physical movement, and the most innovative sources of renewable energy.



### TECHNICAL DATA

Nominal Power(Wp/m <sup>2</sup> )	173 Wp/m <sup>2</sup>
Visible Light Transmittance (VLT)	0%
Solar Factor (g-value)	0%
U value (W/m <sup>2</sup> K)	N/A
U value (Btu/h ft <sup>2</sup> °F)	N/A
Light Reflection (external)	8%

TECHNICAL DATA SHEET



MORE INFO IN VIDEO



## KIRK KAPITAL HQ

VEJLE FJORD, DENMARK

## WALKABLE PV FLOOR

CRYSTALLINE SILICON TECHNOLOGY



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