

Best solution
Better integration

BIPV Fence

PV Panel

MATERIALS

- 10 mm empered glass
high-transparency
- 0.76 mm PVB layer
- 0.21 mm PhotoVoltaic cells
- 0.76 mm PVB layer
- 10 mm tempered glass

Composition:



Size: 2000 x 1000 x 24 mm
Weight: 108.8 kg

50 158 CELLS

Matrix: 10 x 5
Transparency: 37.0 %
Power: 273 W

960 STRIPS CELLS

Matrix: 12 x 80
Transparency: 66.9 %
Power: 126 W

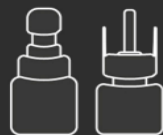
Cable:

4 mm²



Connectors:

Type 3
Type 4

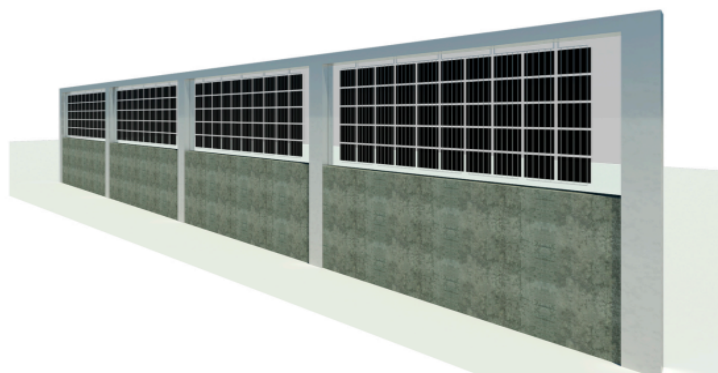


Junction Box:

Border
Back



Photovoltaic fences are physical obstructions with BIPV panels designed to produce renewable energy and also reduce the noise level between noise sources and places like hospitals, schools and residential areas ...

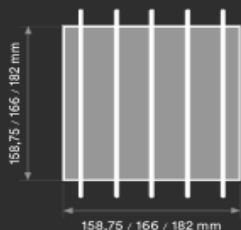


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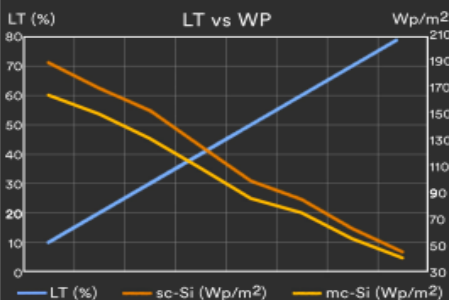
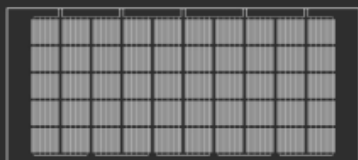
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BIPV

The architectural **integration** of photovoltaic solar panels in construction makes it possible to create glazed surfaces that, in addition to being an **esthetic and functional** novelty, generate electrical energy.



Monocrystalline
 • sc-Si PV
 • 5bb connection
 • high efficiency



LANDSCAPE INTEGRATION

- ✓ Raising awareness by betting on renewable energy
- ✓ Integration of renewable energy in urban environments
- ✓ Advantage of unused areas
- ✓ Amortization of economic investments

+ Energy + Saving - Outlay - CO2

CE 2014/35/EU
EN 50583-1

ISO ISO 9001
ISO 14001
ISO 45001

IEC IEC/EN 61215
IEC/EN 61730

nZEB Nearly
Zero Energy
Buildings

ISO 1064
GHG Protocol

WEEE
2002/96/CE

Fast Return Of
Investment
material

12/25 years
guarantee

Photovoltaic
Architecture

High
satisfaction

High
resistance

Low
deterioration



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