

PixaBlack

175 - 200 Wp/m²

-  Ultimate M² performances
-  30-year Warranty for power performance
-  Customized size and shape
-  Suitable for all facade and balcony system
-  IEC 61215/61730, EN14449 certified

Ultra PixaBlack maximum power



Pictures and realisation in partnership with Hermans Technisolar

6. Discover our options www.PixaSolar.com

Location: Utrecht, NL Type: Hotel/apartment
 Installed area: 993 m² Power: 177 kWp



Ultimate performance

Pixasolar uses a patented cell layout to optimize the Wp per m² performances. Our patented product can use all current cell sizes and Busbar technologies, ensuring the highest performance per m² of panel.

Unique front finishes

For our PixaBlack product, we can use three levels of top glass finishes. The glossy finish provides the looks and feels of a conventional glass facade. In contrast, the matte finish reduces the impact of glare and reflection on the neighborhoods. It is also possible to incorporate three different finishes into the same project to create a lively appearance.



Glossy

Semi-Matt

Matt



Tailor-made

Pixasolar's dimension can fit into conventional measurement units in the construction industry. Pixasolar also customizes panel size and shape to cover the building facade and achieve a uniform envelope fully.



Facade Solutions

General Specification

| | |
|----------------------|----------------------------------|
| Length | 600mm - 2400mm (Max. 4000 mm) |
| Width | 600mm - 1500mm (Max. 2300 mm) |
| Weight | 28kg/m ² (5+5mm) |
| Front Glass | 3mm - 10mm (semi)tempered glass |
| Rear Glass | 3mm - 10mm (semi)tempered glass |
| Encapsulation | PVB layer |
| Structure | Frameless laminated safety glass |

Temperature Coefficient

| Isc | Voc | Power |
|-----------|------------|------------|
| 0.039 %/K | - 0.30 %/K | - 0.41 %/K |

PV Characteristics

| | |
|--------------------------|---|
| Cell Type | Mono Crystalline |
| Nominal Power | 175 - 200 Wp/m ² |
| Operating Temp. | -40 °C to +85 °C |
| Junction Box | IP68 with potting; rear side |
| Cable & Plugs | 4mm ² /Original MC4 |
| Warranty | 10-year product workmanship 30-year power performance at 80% |

Certificates

| | |
|---------------------------------------|-----------------|
| Solar Module Performance | IEC 61215 |
| Solar Module Safety | IEC 61730 |
| Laminated Safety Glass | EN 14449 |
| Construction - Durability test | EN 12543-4 |
| Glazing Safety - Pendulum test | Class 1B1 |
| Reaction to Fire | Class B (s1,d0) |



PIXASOLAR
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