

Best solution  
Better integration

# BIPV FLOOR TILES

## PV Floors

### MATERIALS

- 8 mm tempered glass anti-slip
- 0.76 mm PVB layer
- 0.21 mm PhotoVoltaic cells
- 0.76 mm PVB layer
- 8 mm tempered glass

Composition:



### 9 CELLS FLOOR TILE

SI-ESF-M-BIPV-FL

Size: 600 x 600 x 18 mm

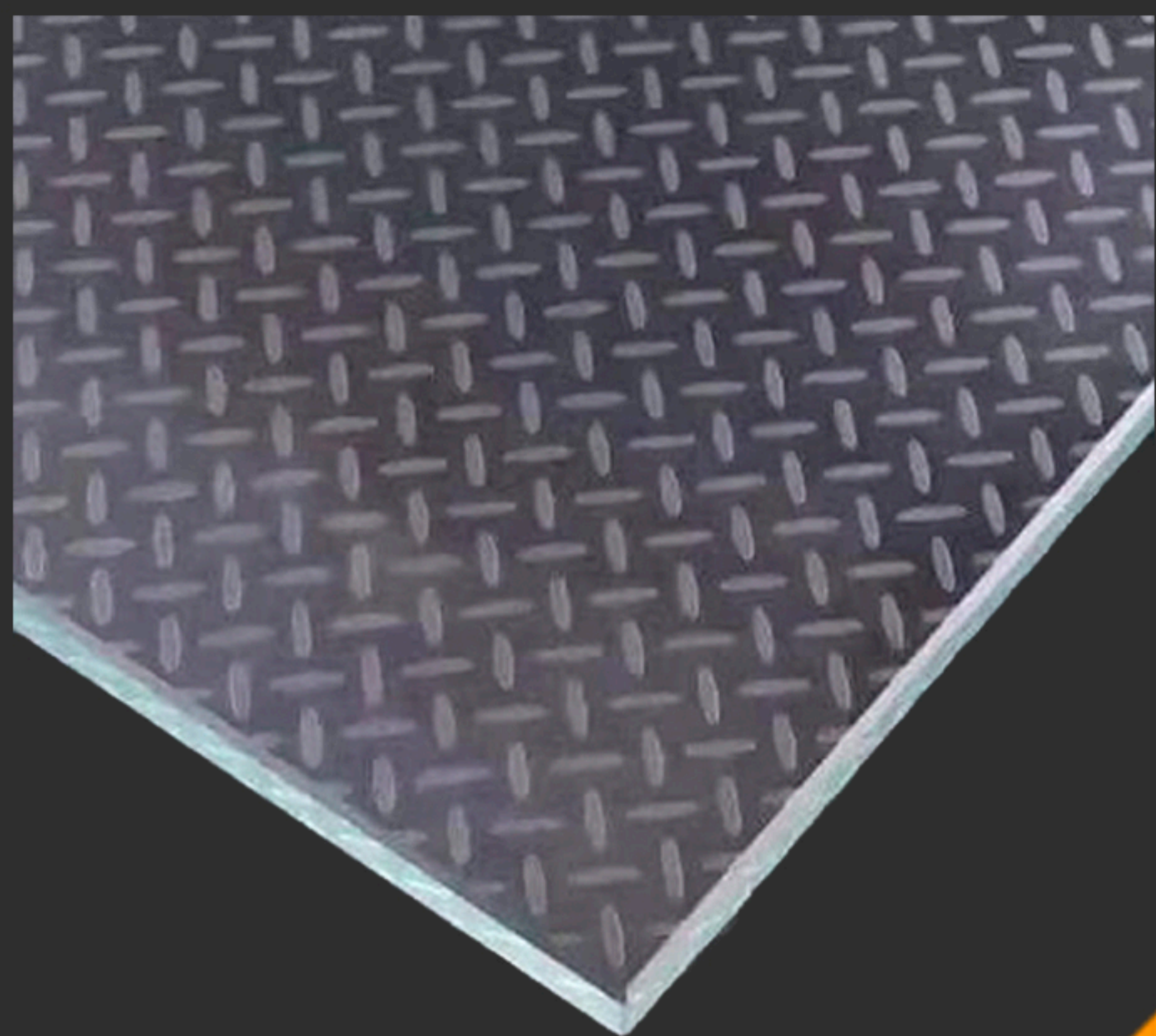
Weight: 16 kg

Matrix: 3 x 3

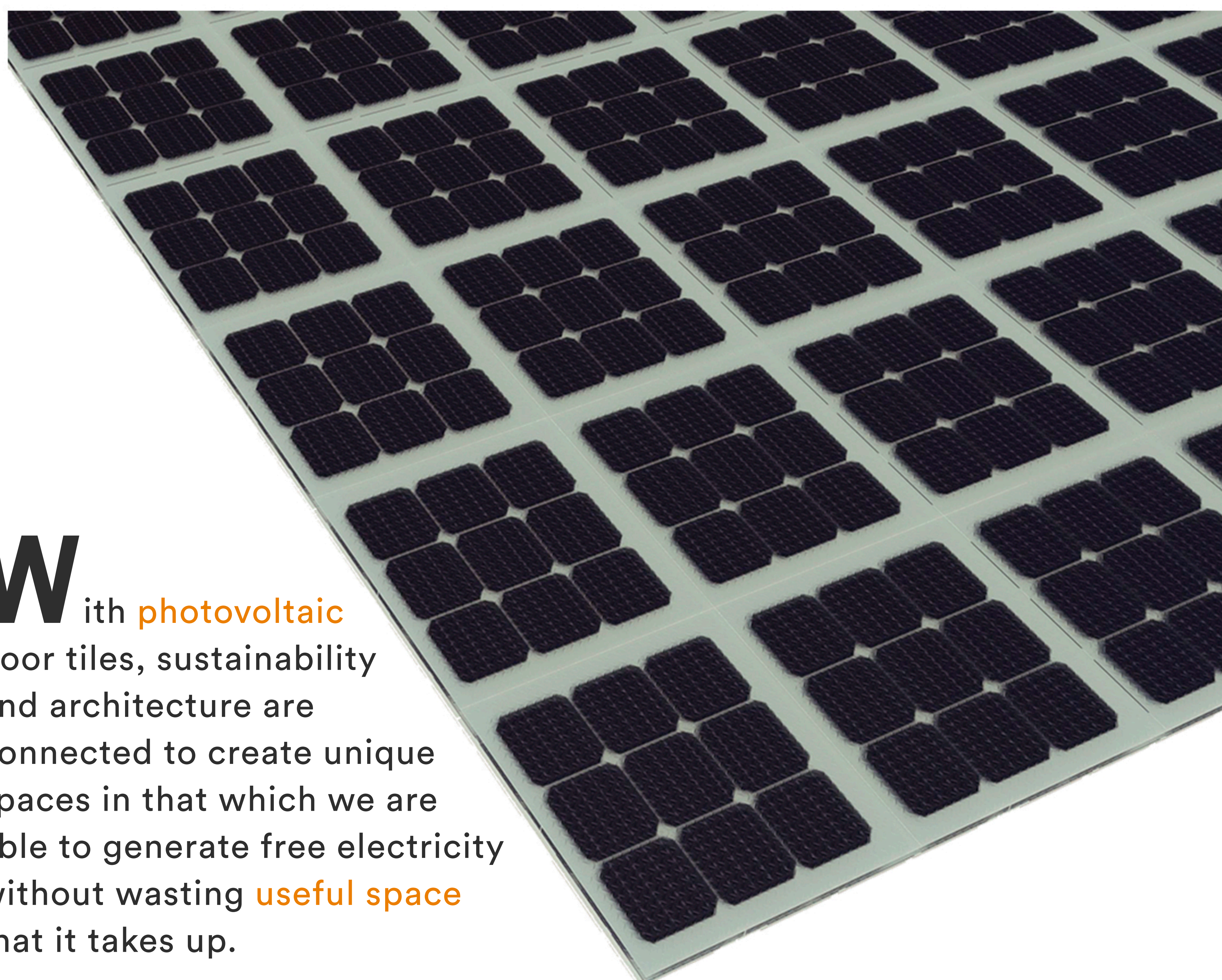
Power:

M156-9-55W

P156-9-45W

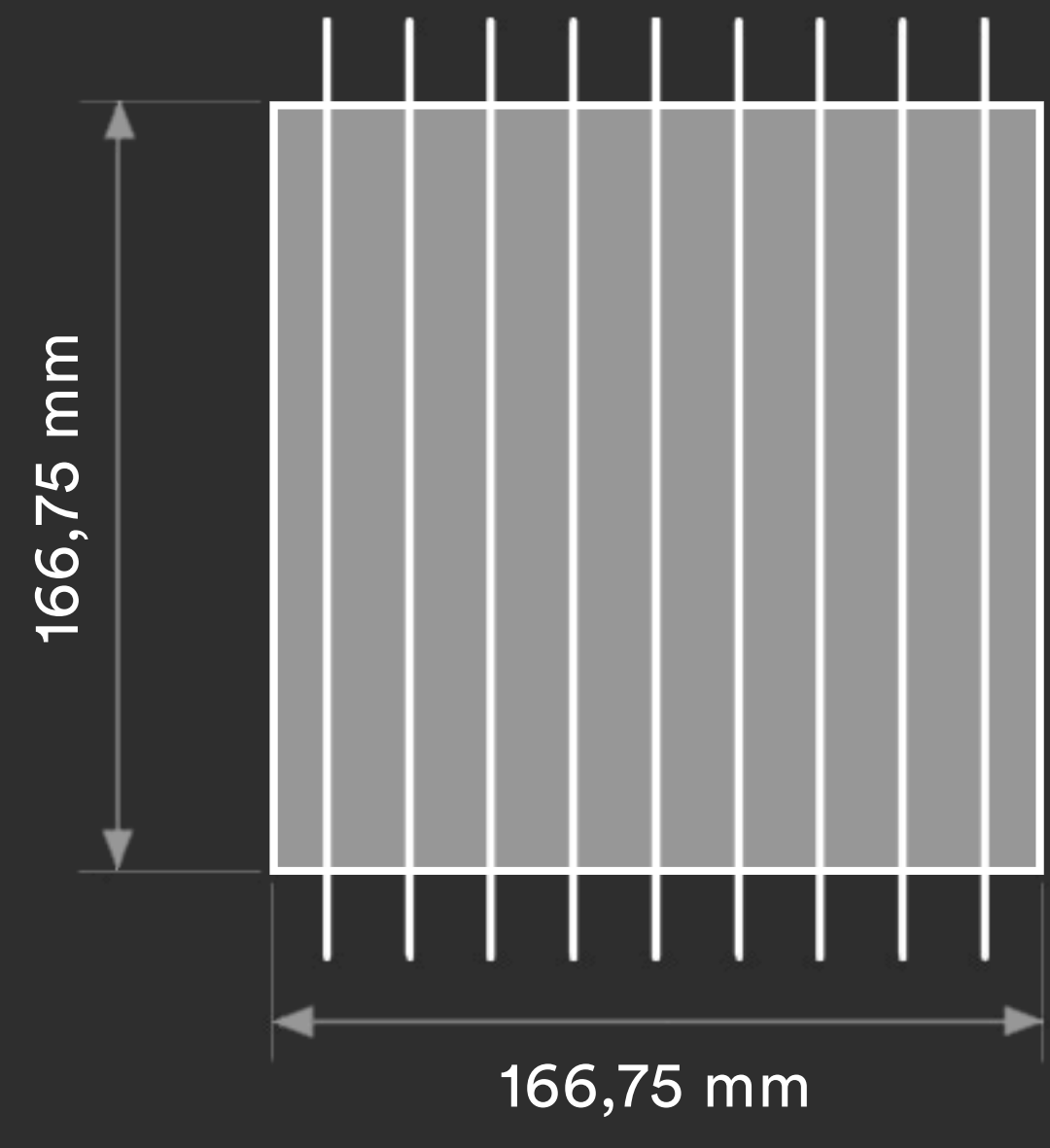


**W**ith **photovoltaic** floor tiles, sustainability and architecture are connected to create unique spaces in that which we are able to generate free electricity without wasting **useful space** that it takes up.

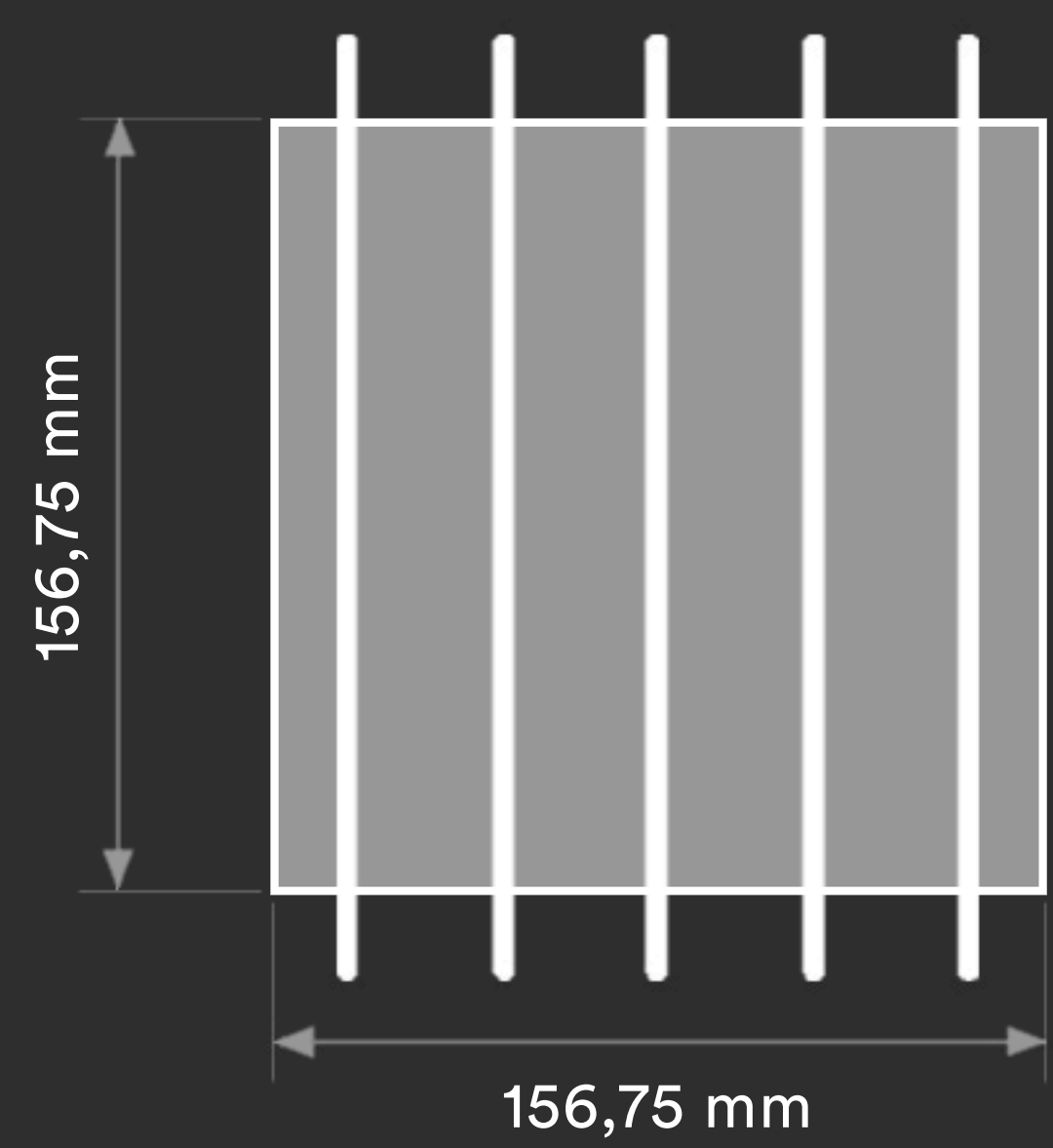


# BIPV

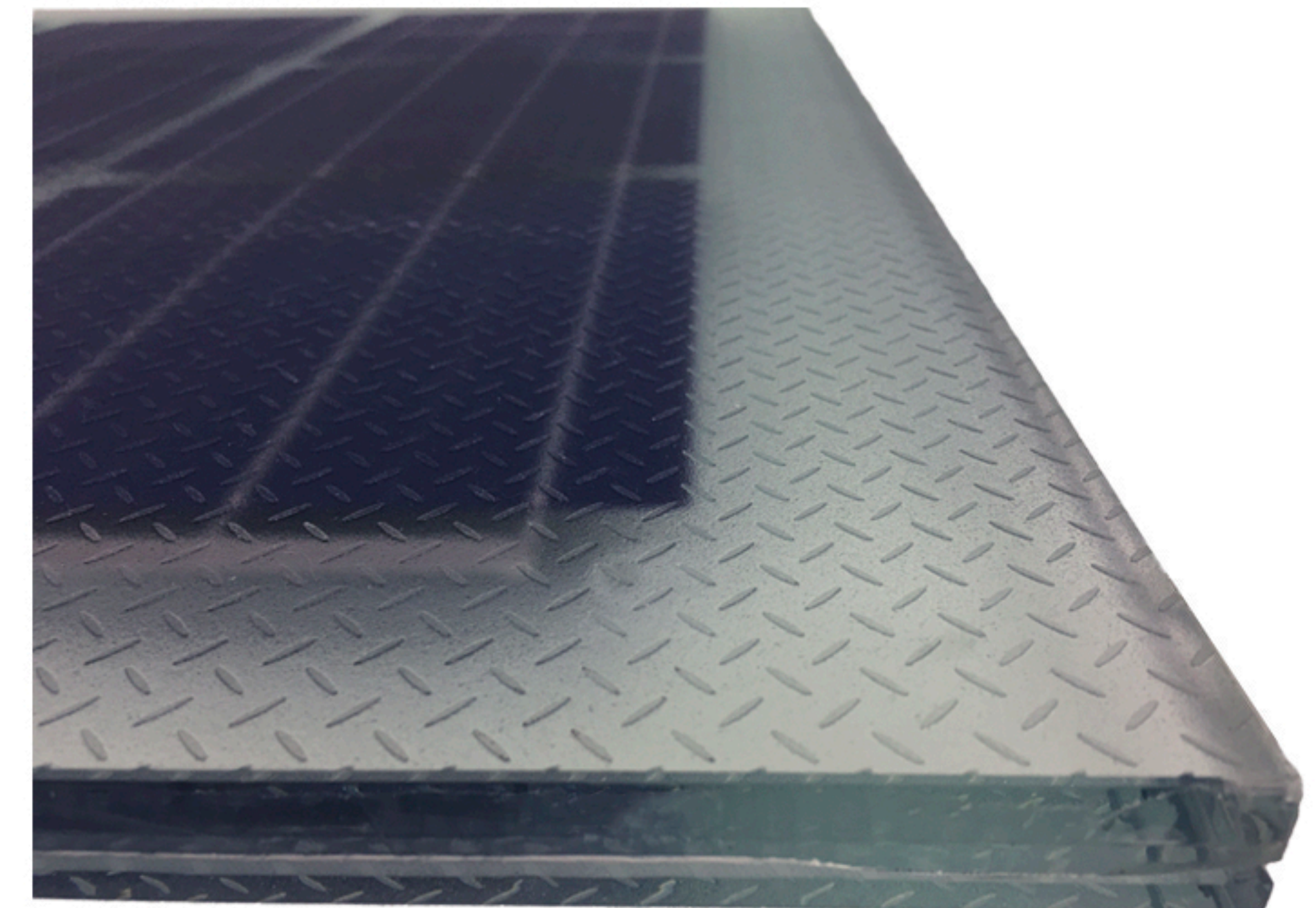
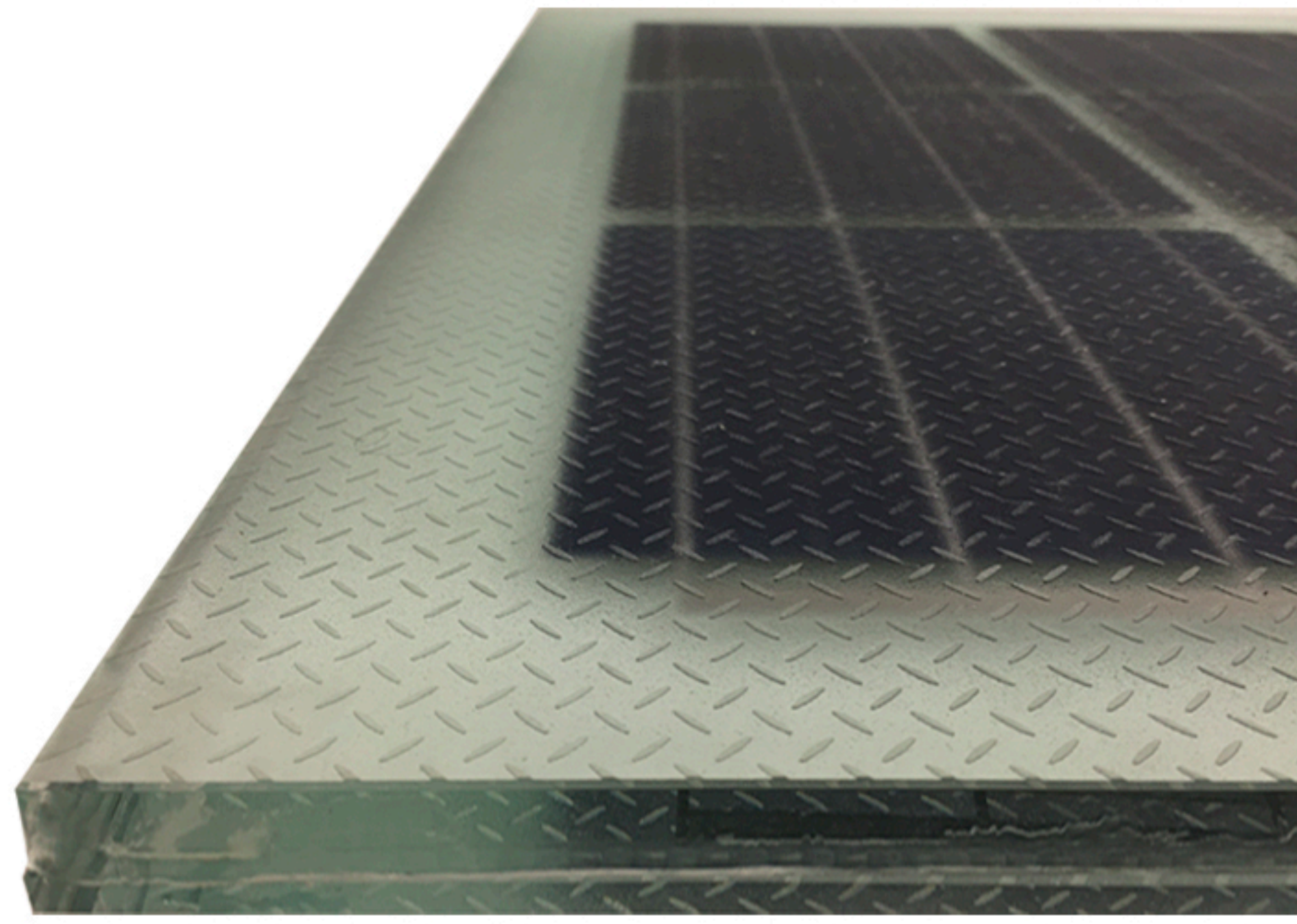
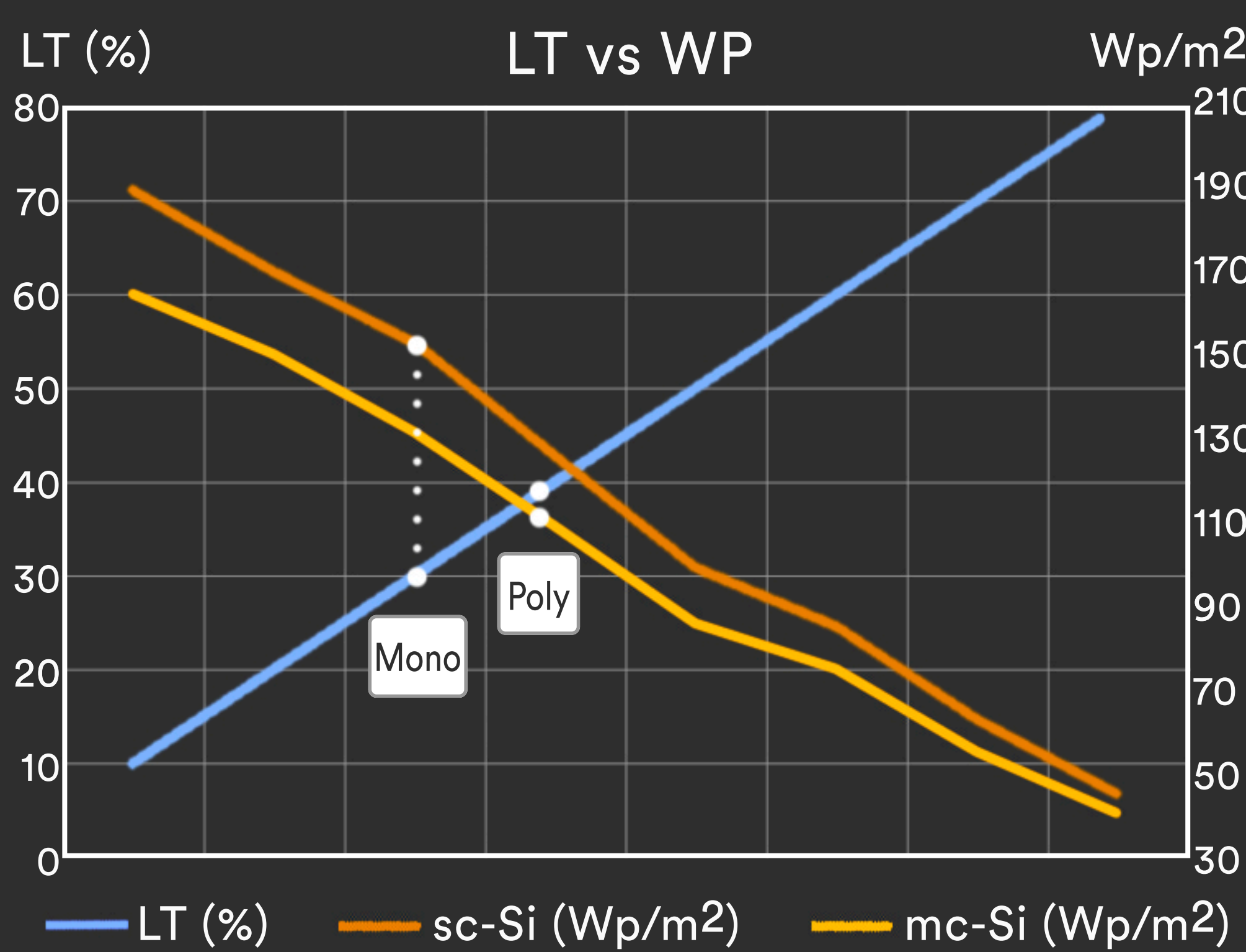
The architectural **integration** of photovoltaic floors in construction makes it possible to create glazed surfaces that, in addition to being an **esthetic and functional novelty**, generate electrical energy.



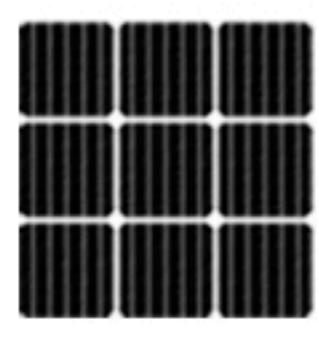
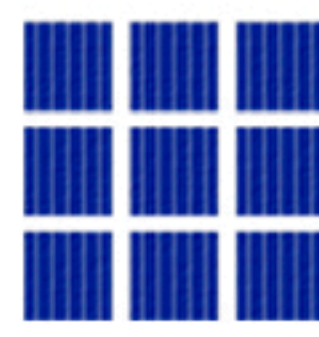
**Monocrystalline**  
 • sc-Si PV  
 • 9bb connection  
 • high efficiency



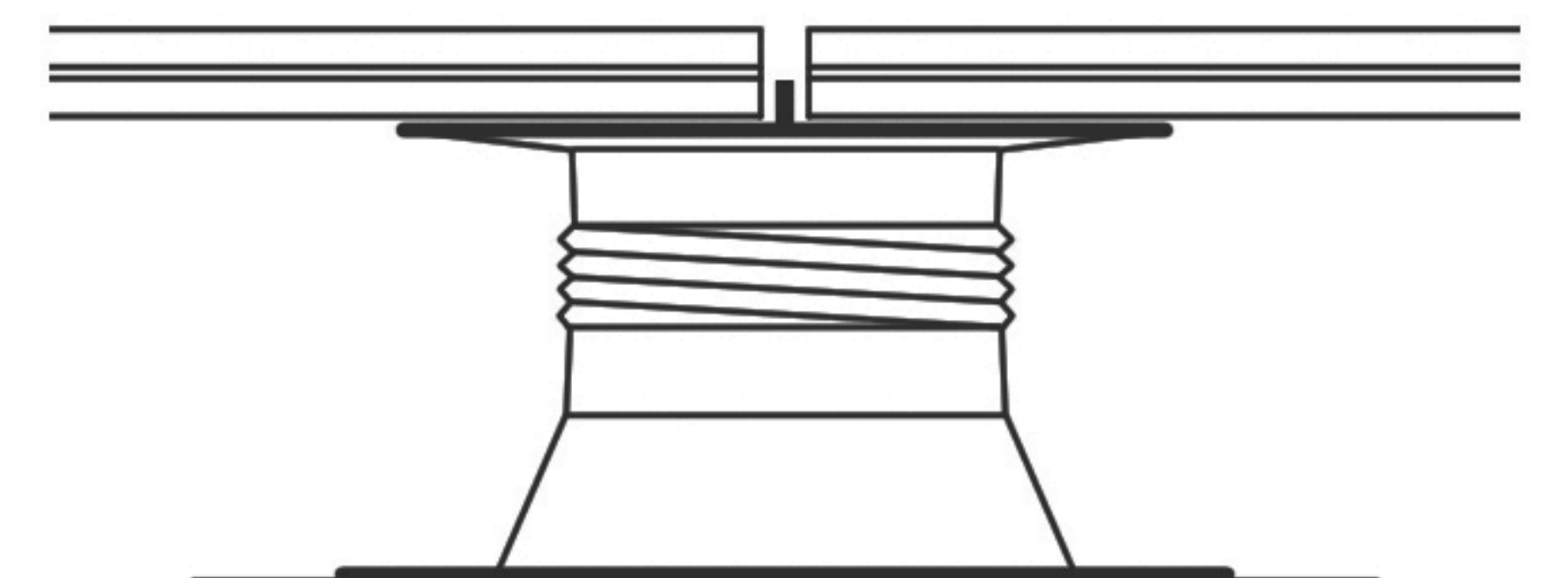
**Polycrystalline**  
 • mc-Si PV  
 • 5bb connection  
 • high efficiency



## 2 types

		
Model	BIPV-FL-M166-9	BIPV-FL-P156-9
Cell type	Monocrystalline	Polycrystalline
Cells number	9 pcs	9 pcs
Cell size	166,75 x 166,75 mm	156,75 x 156,75 mm
Size	600 x 600 mm	600 x 600 mm
Thickness	18 mm	18 mm
Power	55 Wp	45 Wp

### Support with PLOTS



- ✓ **DIN 51097** (barefoot) ; Class C  $\geq 24^\circ$
- ✓ **DIN 51130** (in shoes) ; R12  $> 27^\circ - 35^\circ$
- ✓ **ENV 12633** (Pendulum Method) ; Rd  $> 45$  Class 3
- ✓ **ASTM C-1028** (Dynamometer Method)

### Anti-slip Rules

**+ Energy + Saving - Outlay - CO2**

-  2014/35/EU EN 50583-1
-  ISO 9001  
ISO 14001  
ISO 45001
-  IEC/EN 61215  
IEC/EN 61730

-  nZEB Nearly Zero Energy Buildings
-  Fast Return Of Investment material
-  High satisfaction
-  ISO 1064 GHG Protocol
-  12/25 years guarantee
-  High resistance
-  WEEE 2002/96/CE
-  Photovoltaic Architecture
-  Low deterioration



The specifications and technical data may be subject to possible modifications without notice.