

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

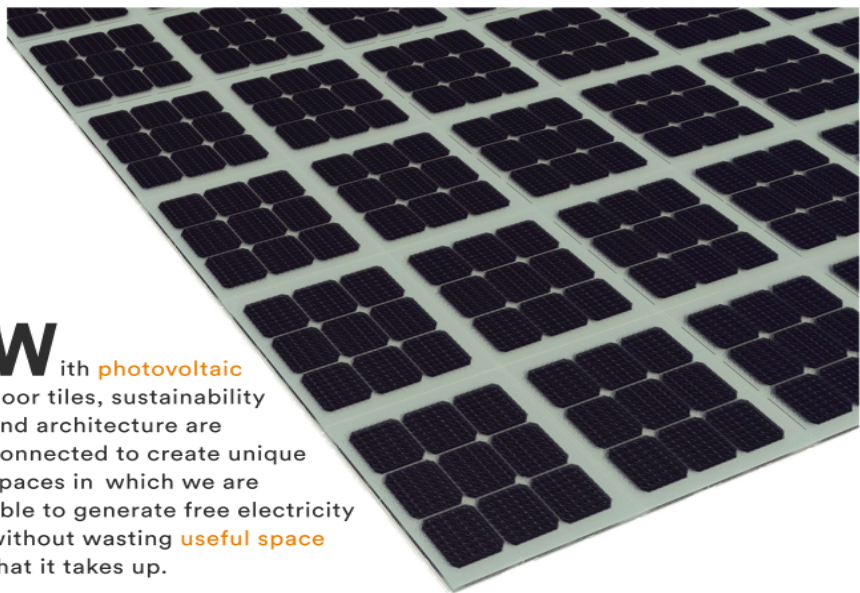
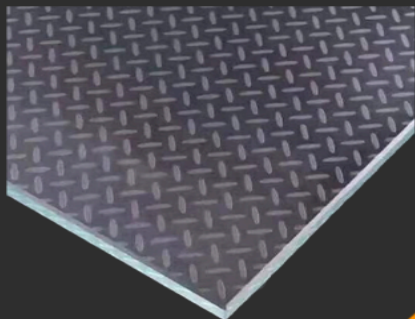
Weight: 16 kg

Matrix: 3 x 3

Power:

M156-9-55W

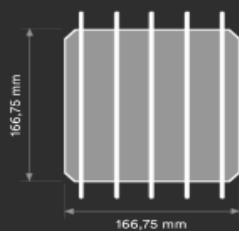
P156-9-45W



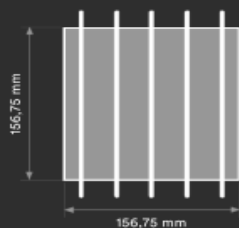
**W**ith photovoltaic floor tiles, sustainability and architecture are connected to create unique spaces in which we are able to generate free electricity without wasting **useful space** that it takes up.

# BIPV

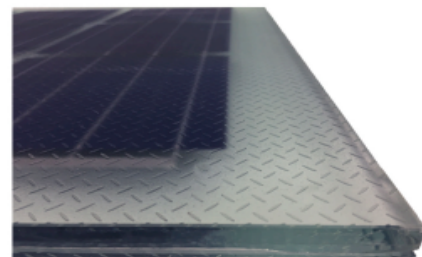
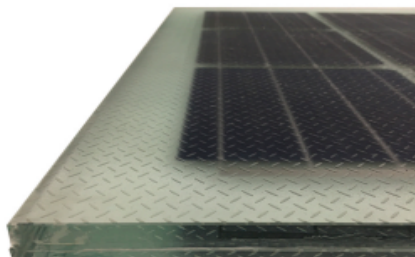
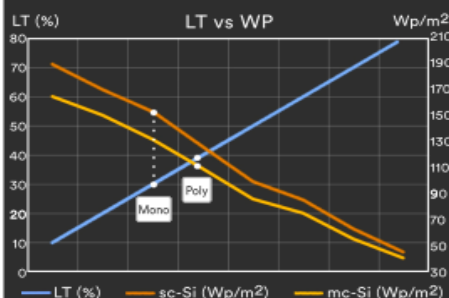
The architectural **integration** of photovoltaic floors in construction makes it possible to create glazed surfaces that, in addition to being an **esthetic and functional novelty**, generate electrical energy.





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



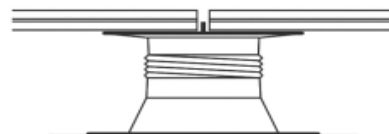
**Polycrystalline**  
 • mc-Si PV  
 • 5bb connection  
 • high efficiency



**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 ≥ 24°
- ✓ **DIN 51130** (in shoes) ; R12 > 27° - 35°
- ✓ **ENV 12633** (Pendulum Method) ; Rd > 45 Class 3
- ✓ **ASTM C-1028** (Dynamometer Method)

**Anti-slip Rules**

**+ Energy + Saving - Outlay - CO<sub>2</sub>**



2014/35/EU  
EN 50583-1



ISO 9001  
ISO 14001  
ISO 45001



IEC/EN 61215  
IEC/EN 61730  
IEC/EN 63092



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



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