

Best solution
Better integration

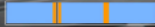
BIPV ROOF

PV Panel

MATERIALS

- 3 - 12 mm tempered glass
high-transparency
- 0.76 mm PVB layer
- 0.21 mm PhotoVoltaic cells
- 0.76 mm PVB layer
- 3 - 12 mm tempered glass
- 0.76 mm PVB layer
- 3 - 12 mm tempered glass

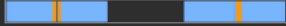
Composition:



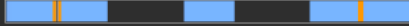
Insulation Chamber/s:

- 6/9/12/15 mm (air/argon)

PV IC Glasses



PV IC Glass IC Glasses



Size:

- Min: 180 x 180 mm
- Max: 4500 x 2500 mm

Junction Box:

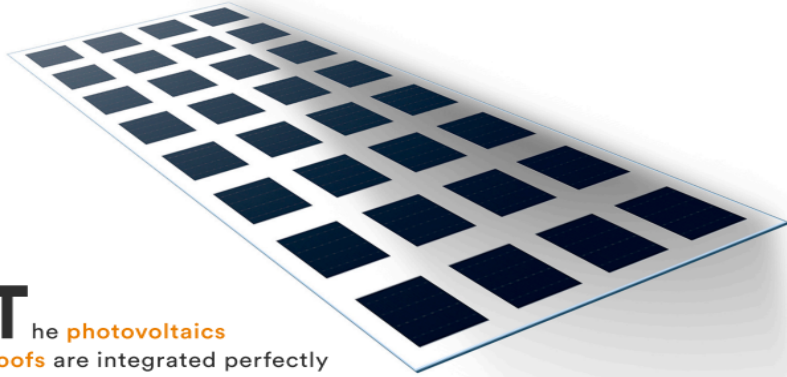
- Border
- Back

Cable:

- 4 mm²

Connectors:

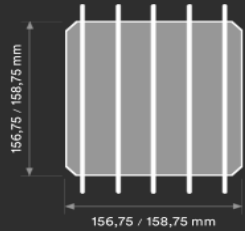
- Type 3
- Type 4



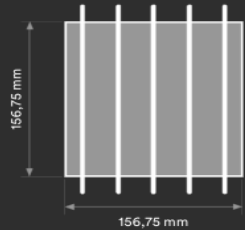
The **photovoltaics roofs** are integrated perfectly in architecture preserving aesthetics thanks to the great variety of possible configurations, fusing ecology with habitability and efficiency. In **existing** buildings, energy saving levels are achieved similar to those of new constructions.

BIPV

The **integrated** photovoltaic roofs are ideal given their location on the roof to generate solar energy by filtering incident radiation and allow natural **lighting** of interior spaces.



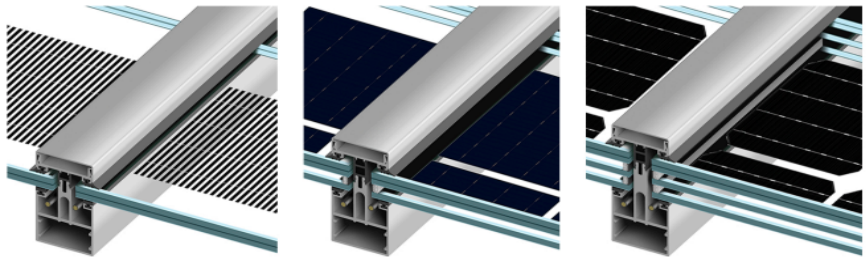
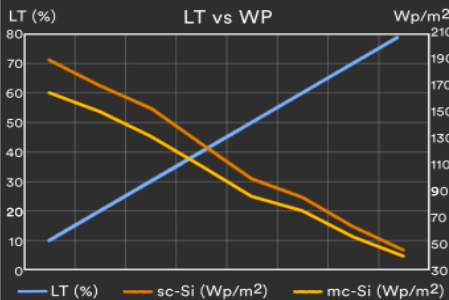
Monocrystalline
 • sc-Si PV
 • 5bb connection
 • high efficiency



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

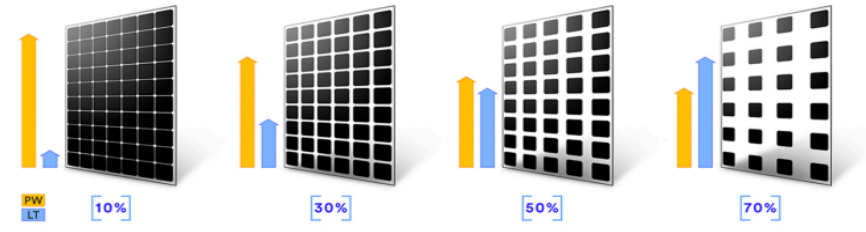


Monocrystalline
 • sc-Si PV
 • 5bb connection
 • high efficiency



Structure & Insulation

Customized Transparency



+ 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, IEC/EN 63092

- 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**

