

Best solution  
Better integration

# BIPV MARBLE

## 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

### COMPOSITION



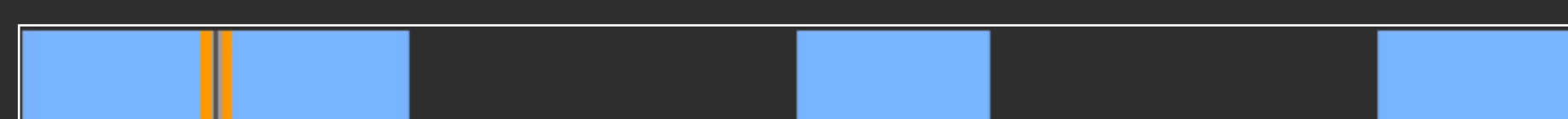
### Insulation Chamber/s:

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

PV IC Glass



PV IC Glass IC Glass



### Size:

- Min: 180 x 180 mm
- Max: 1200 x 2300 mm

### Power:

- Min: 150 Wp/m<sup>2</sup>
- Max: 200 Wp/m<sup>2</sup>

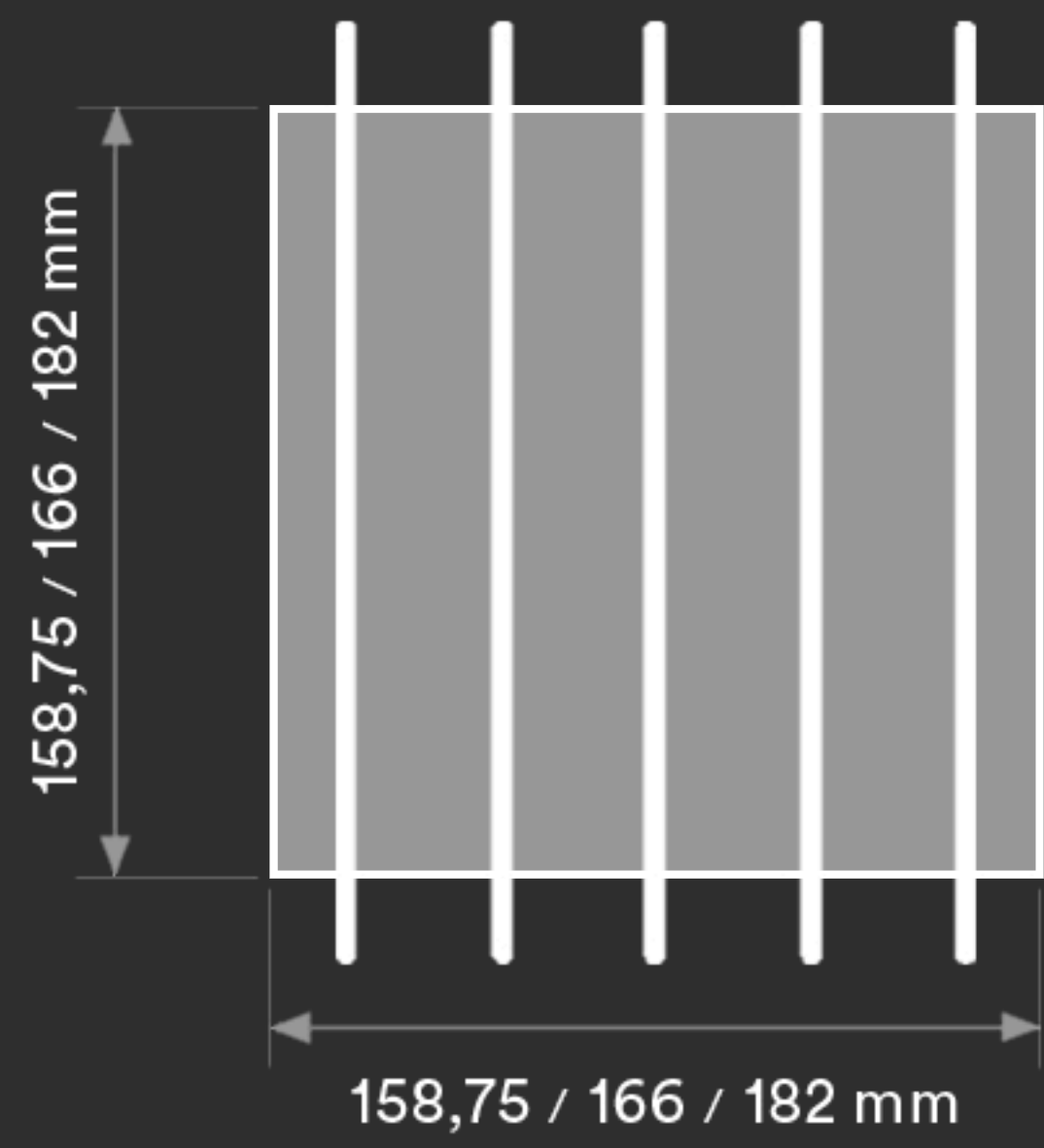
**S**olar Innova digital printing **marble** imitation **photovoltaic panels** are a perfect solution as they constitute a range of active technological glass capable to generate electrical energy, which can be used in **new construction** and **renovation buildings**, allowing electrical autonomy and energy savings.

BIPV  
ISRAEL



# 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.



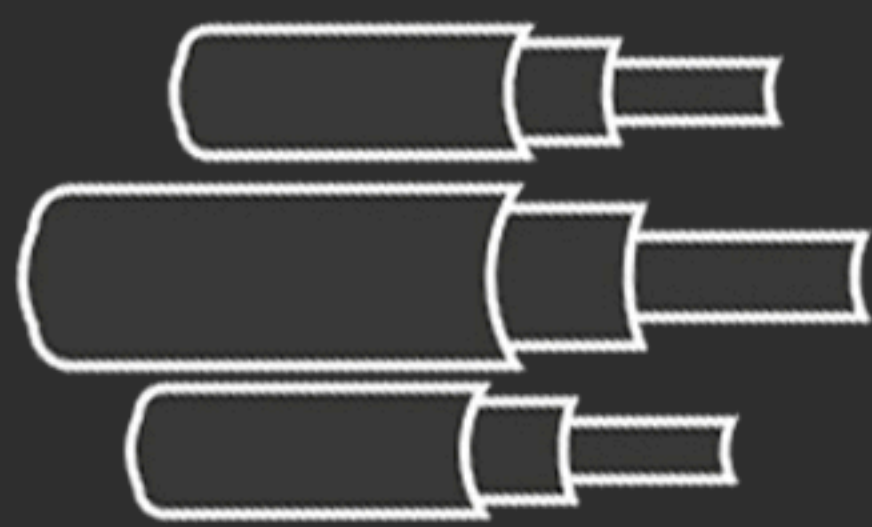
Monocrystalline  
• sc-Si PV  
• 5bb connection  
• high efficiency

### Junction Box:

Border  
Back

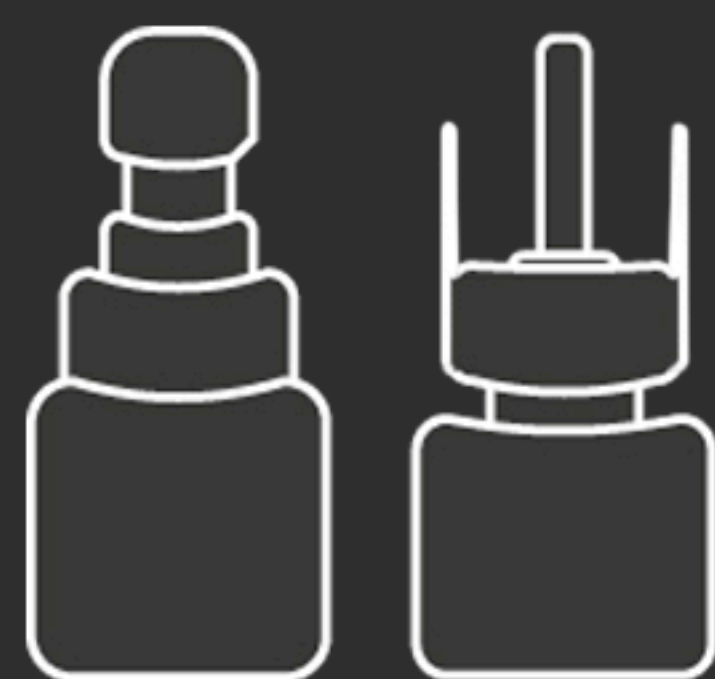
### Cable:

4 mm<sup>2</sup>



### Connectors:

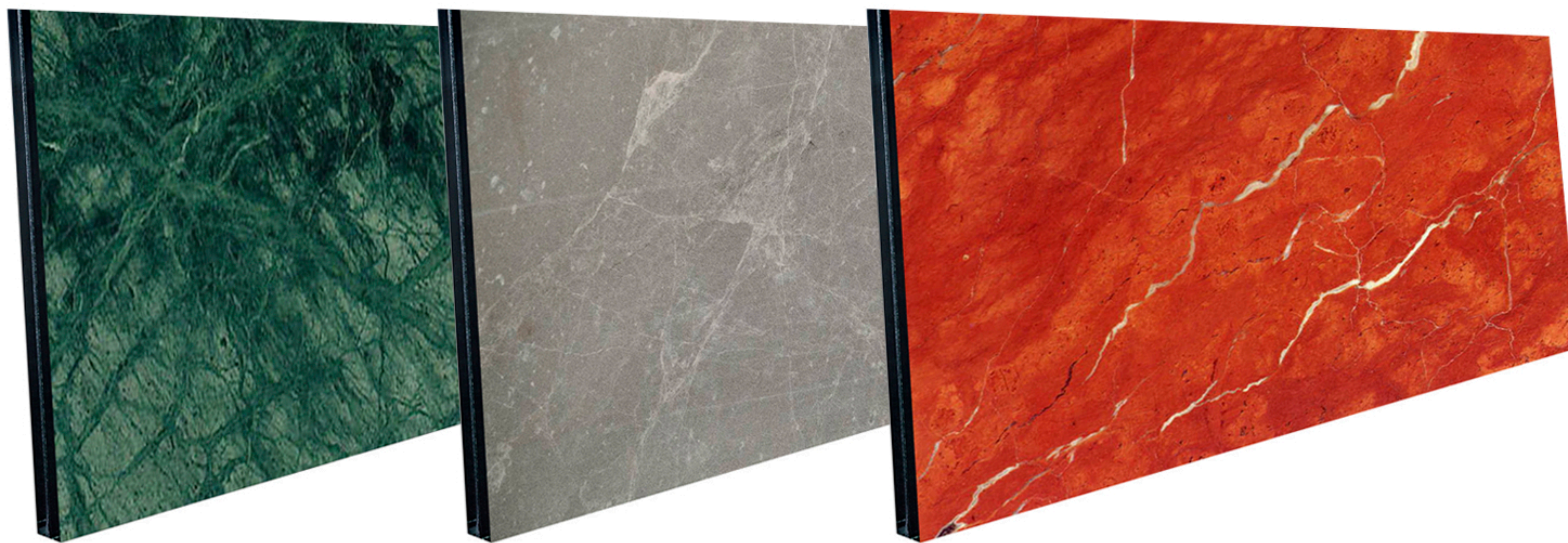
Type 3  
Type 4



*Roman Travertine*

*Crema Marfil*

*Calacatta White*



*Indian Green*

*Rochelle Grey*

*Alicante Red*



*Marquina Black*

*Emperador Brown*

*Customized Design*

**+ 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

 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