

Best solution  
Better integration

# BIPV DIGITAL PRINTING

## 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



#### Size:

Min: 180 x 180 mm

Max: 4500 x 2500 mm

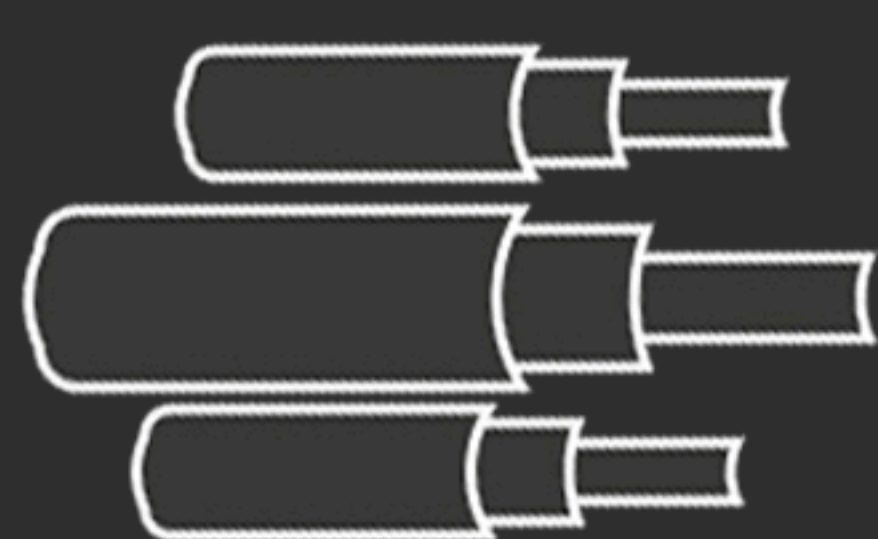
#### Junction Box:

Border

Back

#### Cable:

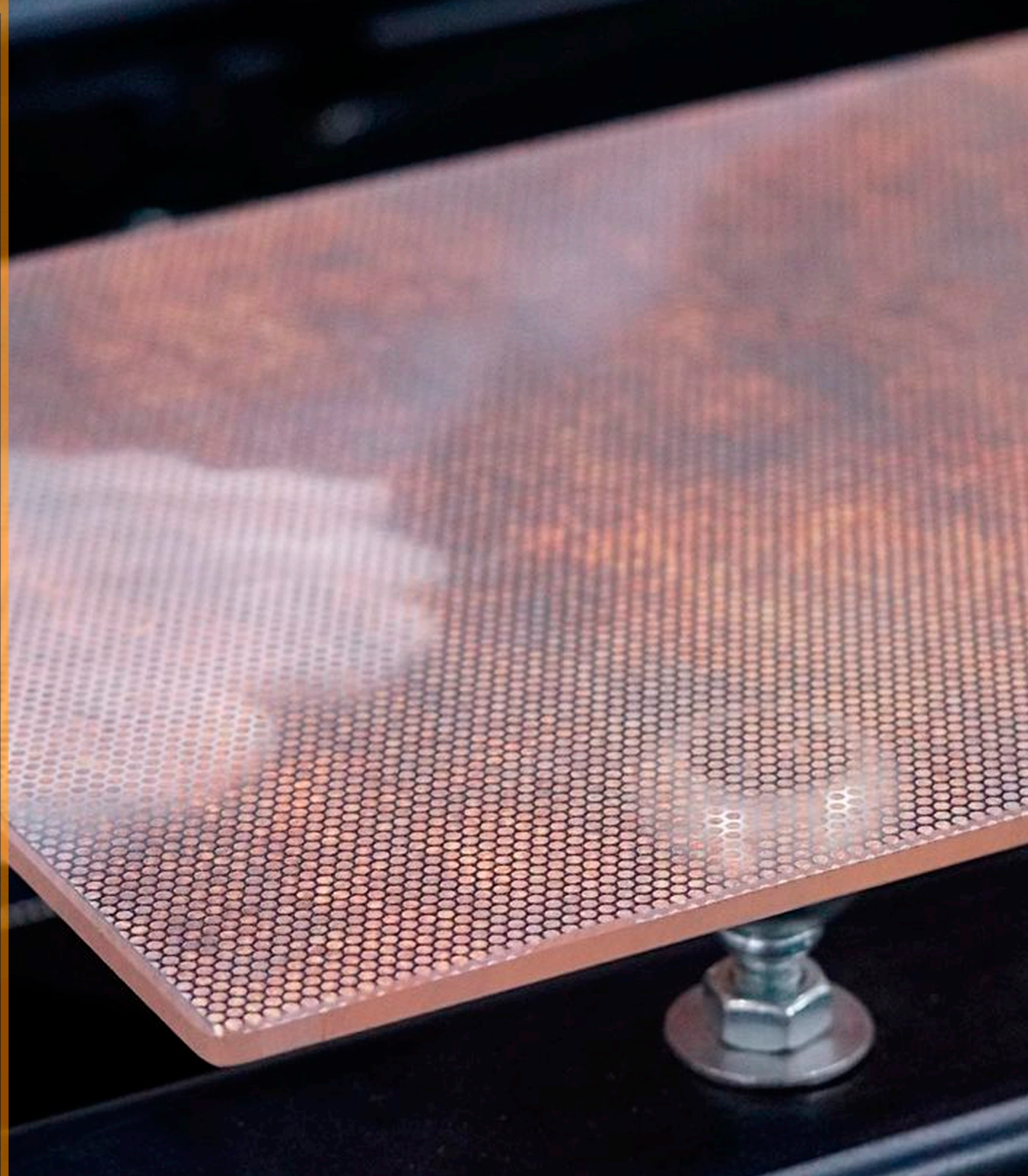
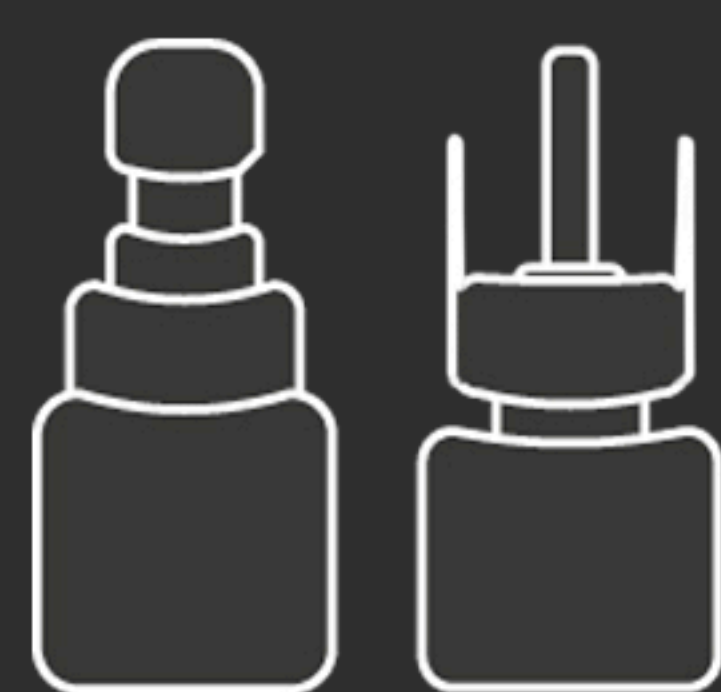
4 mm<sup>2</sup>



#### Connectors:

Type 3

Type 4



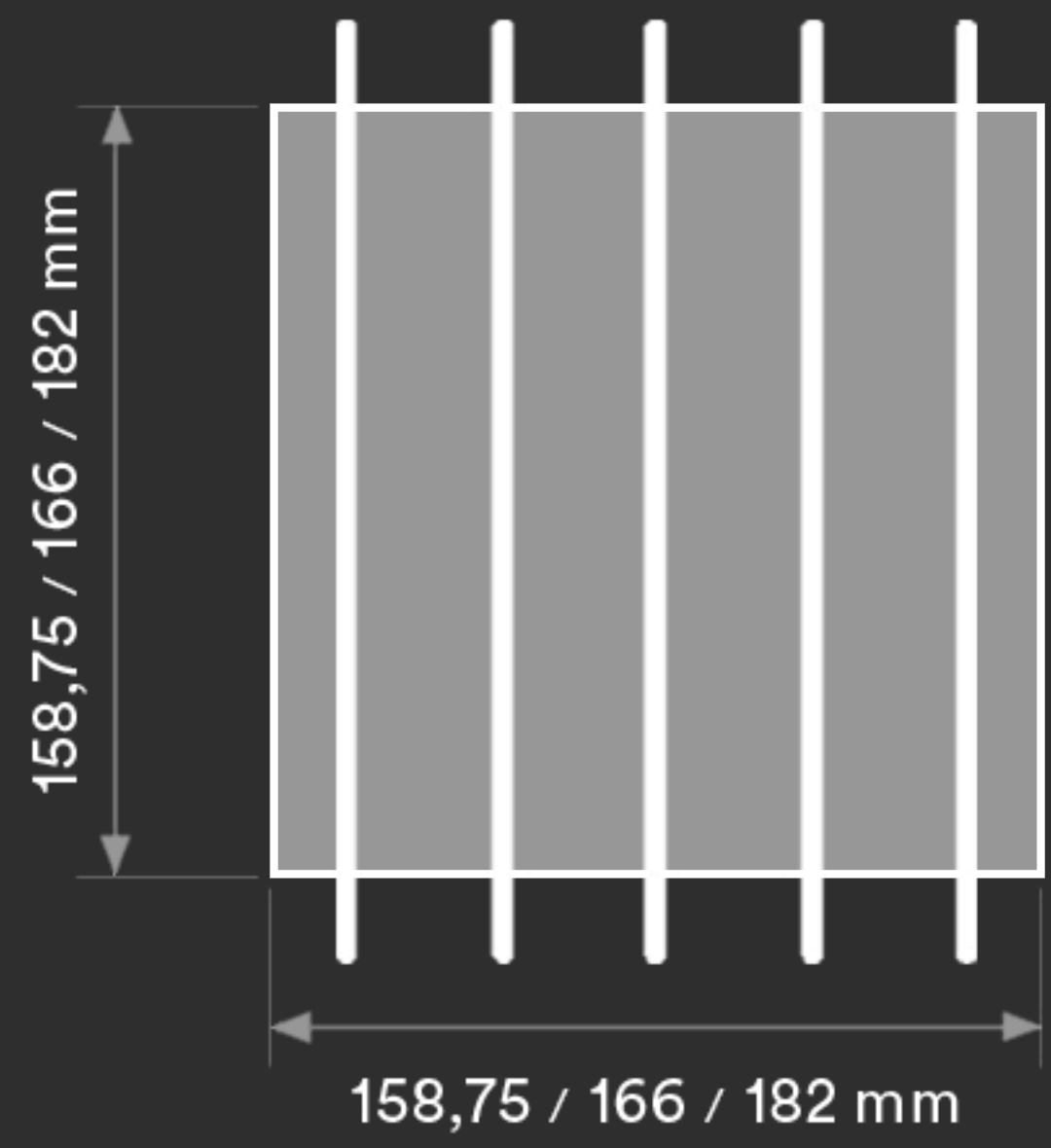
BIPV  
ISRAEL

**S**olar Innova digital printing 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.

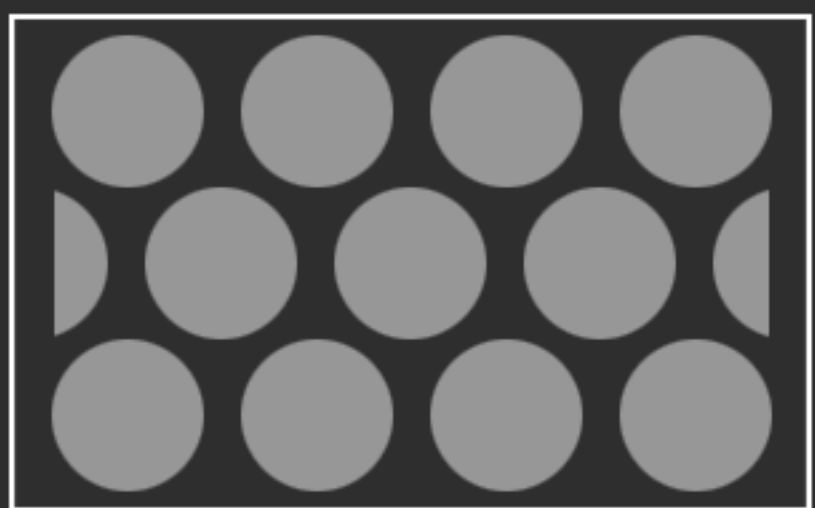


# BIPV

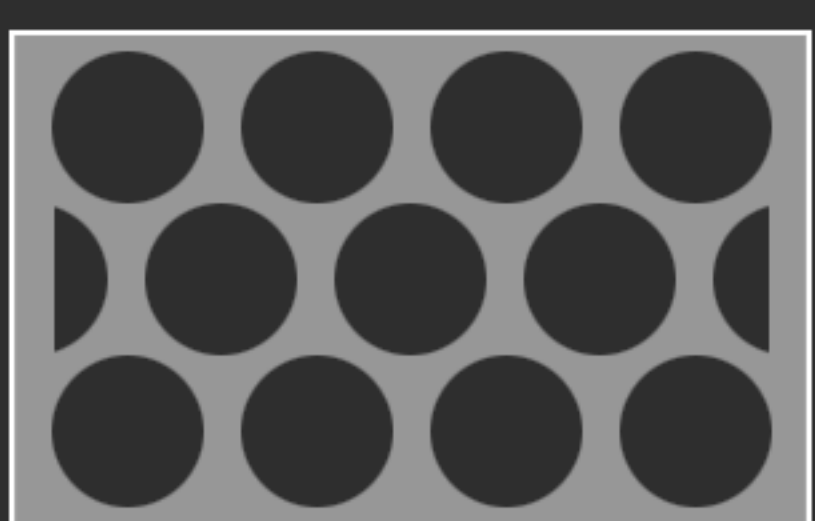
The architectural **integration** of photovoltaic solar panels in construction makes it possible to create glazed surfaces that, in addition to being an **esthetic and functional** novelty, generate electrical energy.



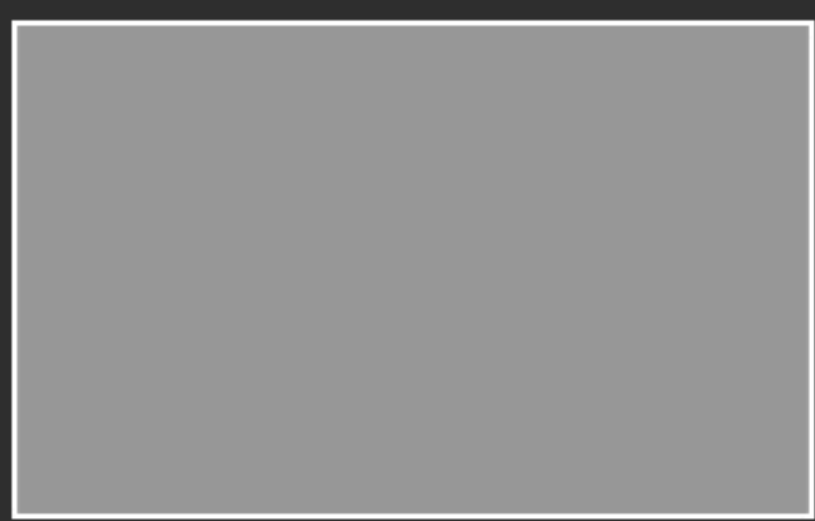
**Monocrystalline**  
• sc-Si PV  
• 5bb connection  
• high efficiency



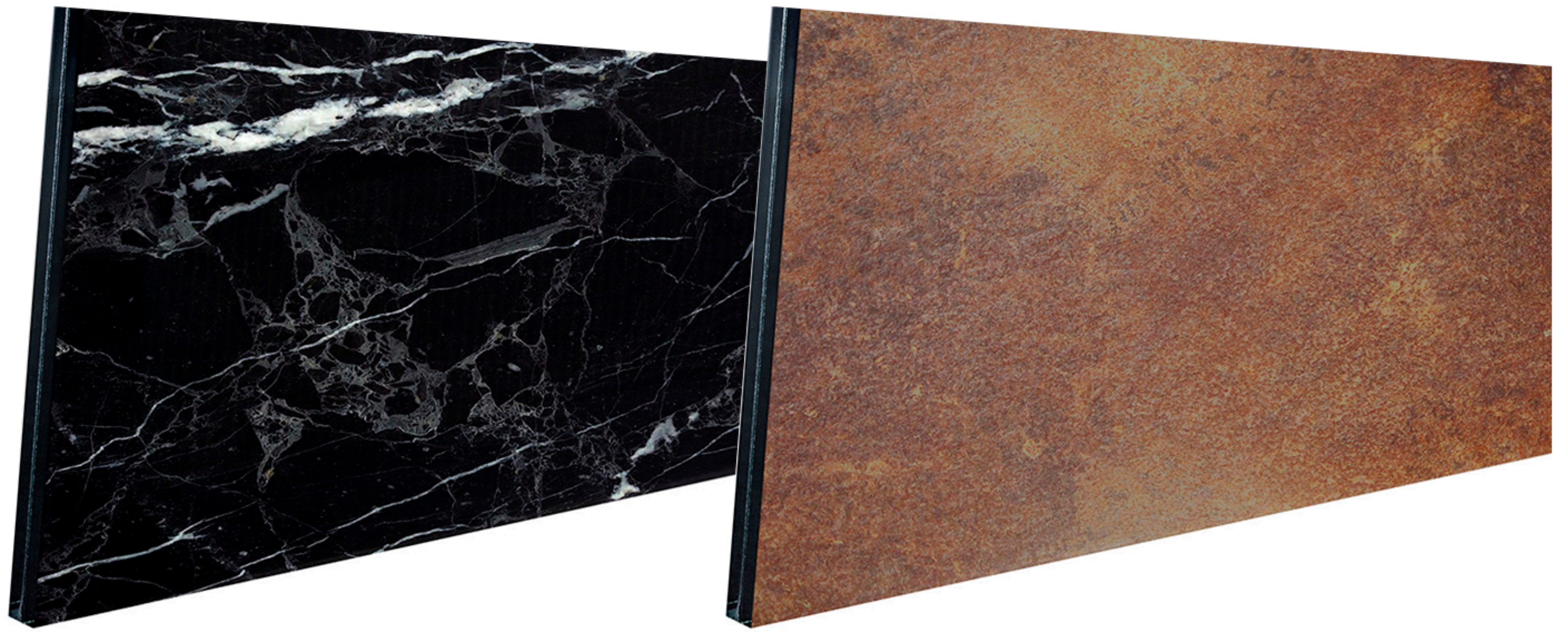
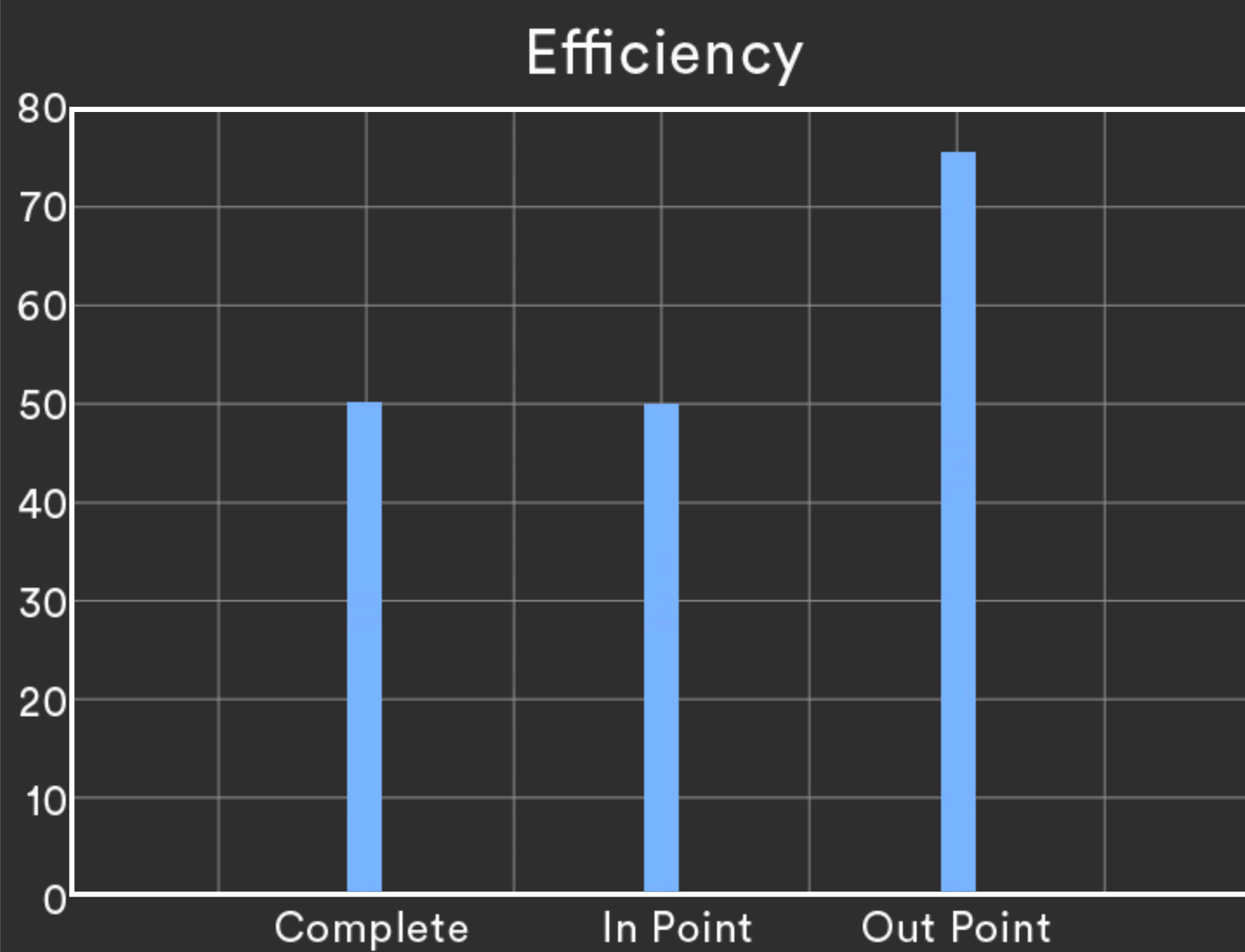
**In Point**  
• 75% efficiency



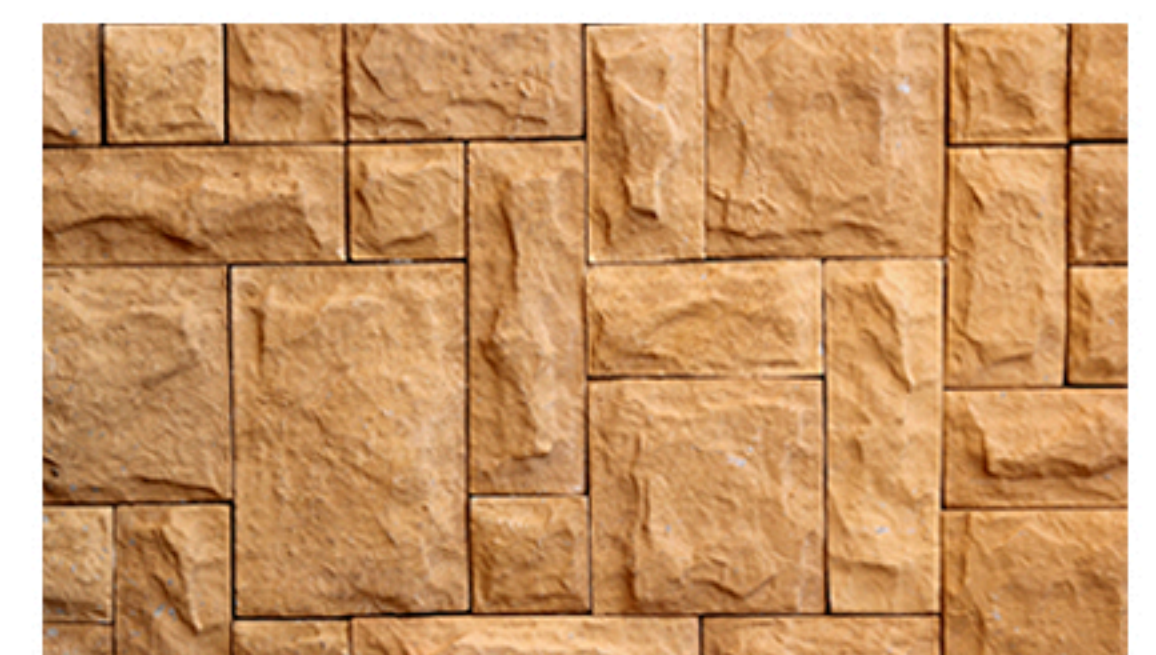
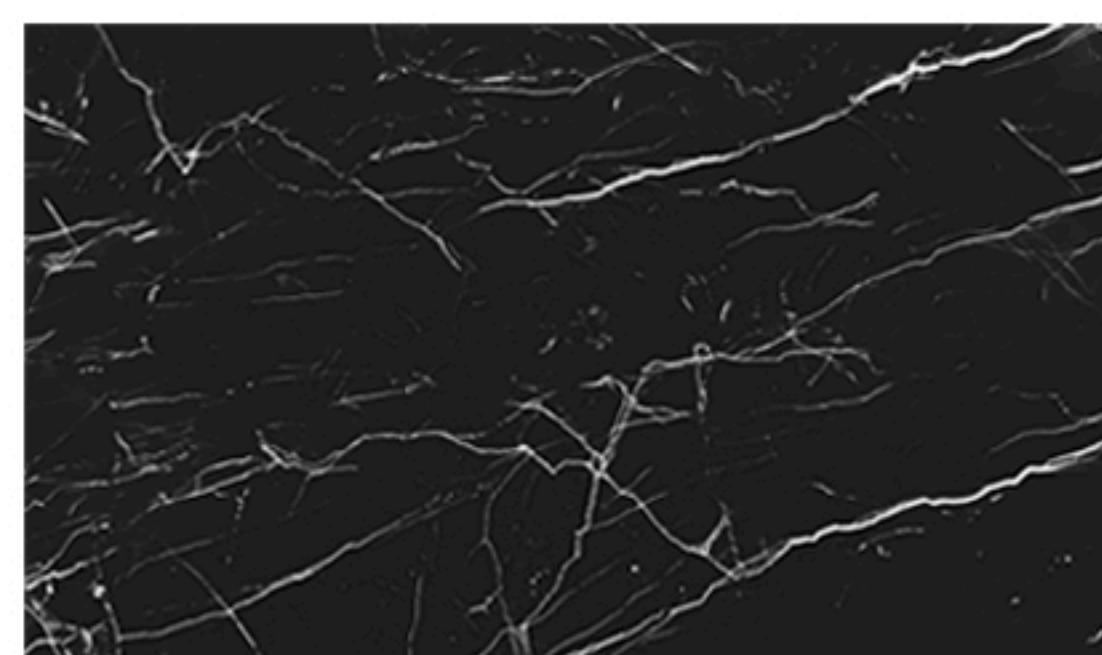
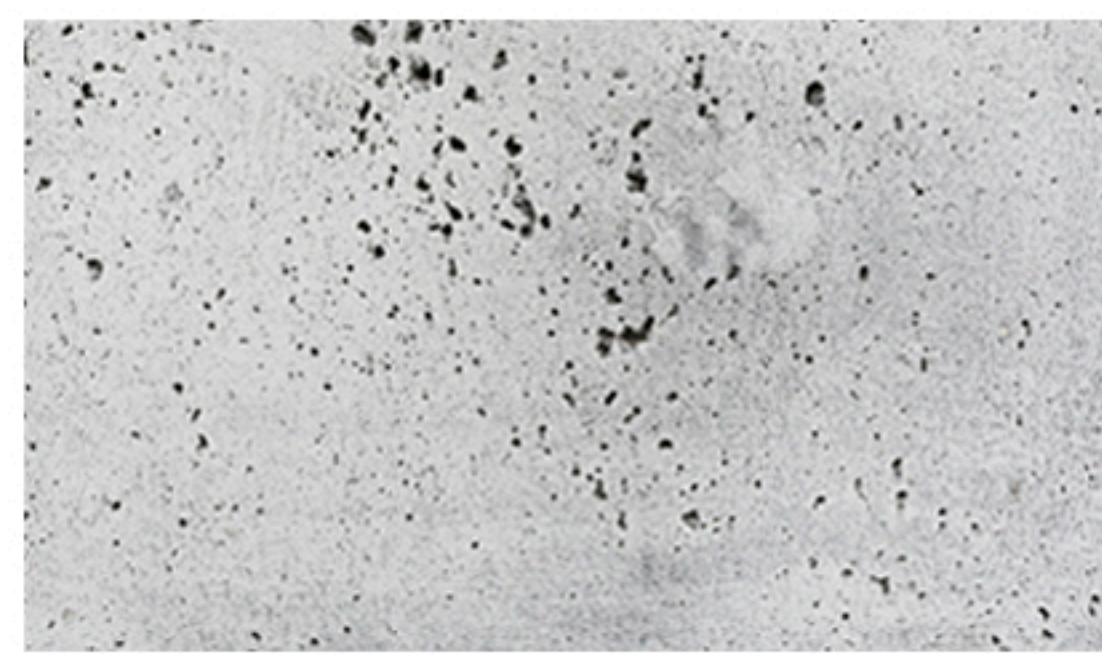
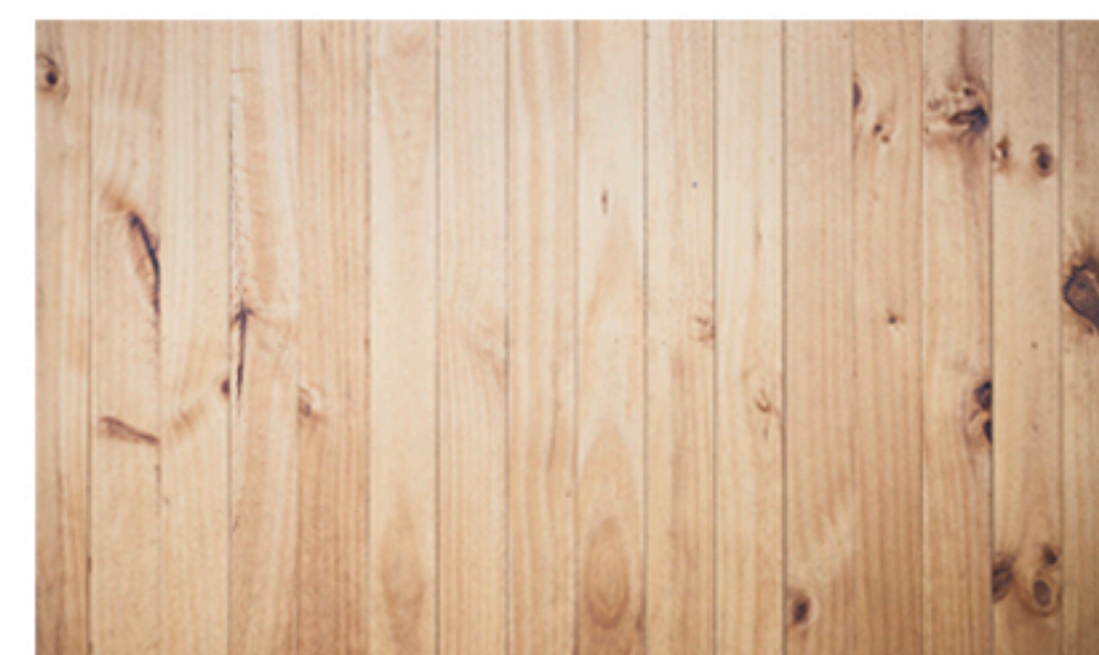
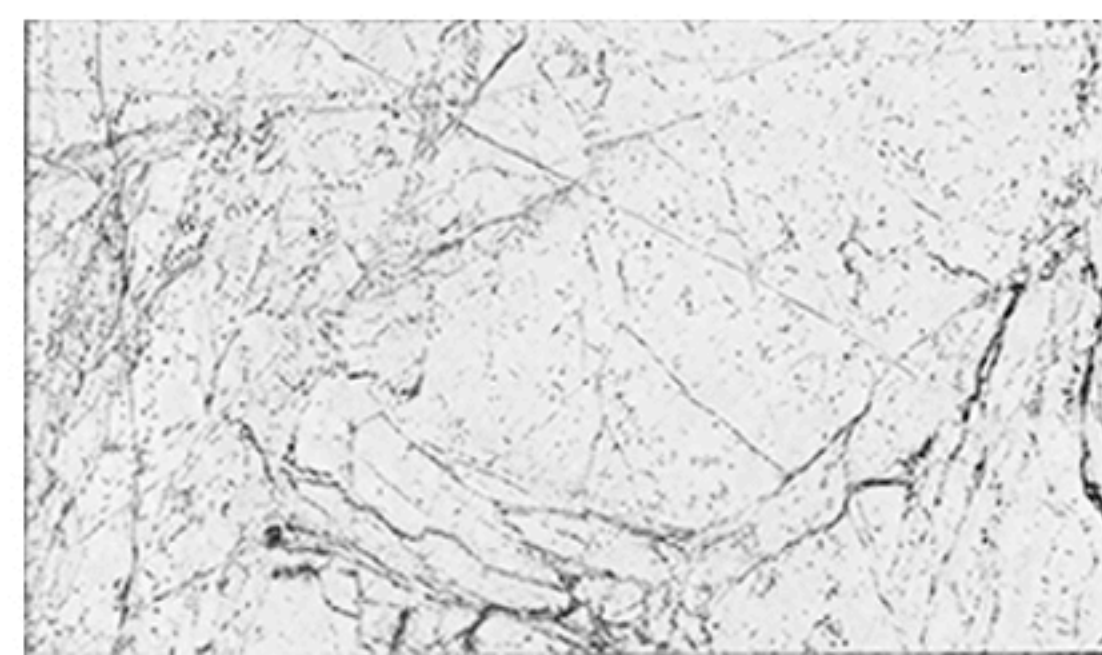
**Out Point**  
• 50% efficiency



**Complete**  
• 50% efficiency



## MULTIPLE POSSIBILITIES



**+ 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

 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