



 **GRUPPOSTG®**
LA FABBRICA ITALIANA DEL FOTOVOLTAICO

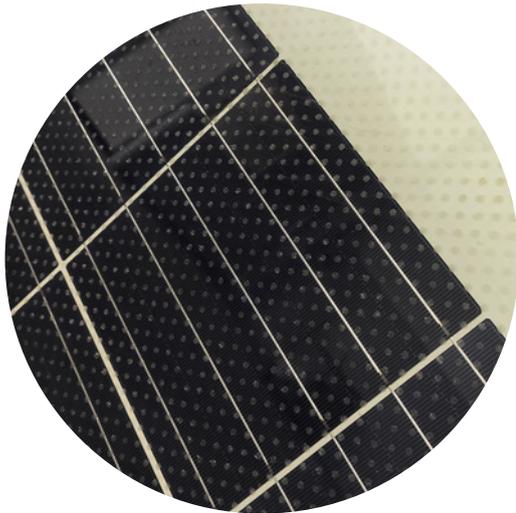
PHOTOVOLTAIC GLASS

FOR FLAT WALKABLE ROOFS

Rev. 03-2024

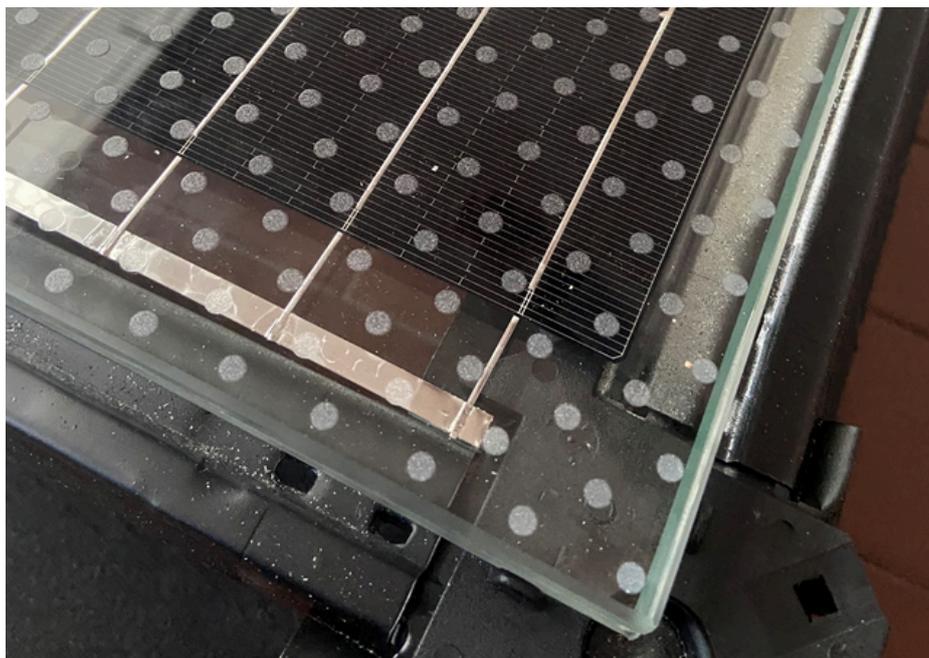
The ideal solution for creating flat roofs and flat walkable surfaces of all kinds, even on the ground.

Made with double laminated glass and non-slip silk-screen printing.



Available in different background colors.

The solution for fixing to the ground ensures easy inspection, guarantees safety performance and excellent aesthetic results, as well as allowing effective disposal of rainwater, the technical passage of electrical cables, pipes, and any systems under the floor.



Electrical characteristics in STC ^{[1] [2]}

Power class	Pmax	82Wp
Power tolerance	Pmax	±3 %
Open circuit voltage	Voc	10,40 V
Short-circuit current	Isc	9,81 V
Voltage at max. power	Vmp	8,80 V
Current at max. power	Imp	9,32 A
Reverse current carrying capacity	A	18 A
Efficiency	%	16,73 %
Maximum system voltage	V	1000
Class of protection against electrical dispersion		Class II

[1] Electrical values measured in STC conditions of: Irradiance 1000 W/m² - Module temperature = 25°C - Air mass AM 1.5 - Wind speed 1 m/s.

[2] Measurement tolerance of Pmp, Vmp, Imp, Voc, Isc values equal to (-/+ 3%) with class A solar simulator in accordance with IEC 60904-9.

[3] Pmax sorting tolerance: 0/+4,99 W

Mechanical characteristics

Height*	700 mm
Length*	700 mm
Thickness	13,9 mm
Weight	15 Kg
Cell Type	16 Monocrystalline cells
Transparency	18%
Front glass	Hardened + HST 6 mm with anti-slip treatment
Encapsulant	PVB
Back glass	Hardened 6 mm
Type of protection	IP68
Electric connections	Rear junction box
Cable	Solar cable 4mm ² - Length 1 m

*tolerance ± 1 %

Thermal coefficients ^[5]

TC Isc	+0,038 %/°C
TC Voc	- 0,318 %/°C
TC Pmpp	- 0,448 %/°C

[5] NMOT value tested in conditions of:

Air temperature Te,NOCT = 20 °C;

GNOCT irradiance = 800 W/m²; Wind speed 1 m/s;

Module resting on a surface inclined at 37°, therefore absence of thermal convection on the lower surface

The company reserves the right to make changes to the technical data of the product. The technical data sheet corresponds to the requirements of the EN 50380 standard.





 **GRUPPOSTG[®]**
LA FABBRICA ITALIANA DEL FOTOVOLTAICO



+39 035 0510171



info@gruppostg.com



www.gruppostg.com



@gruppostg