

# PowerGlaz Translucent- Fully customisable solar panel

## Description

In most cases, the PowerGlaz Translucent panels consist of two layers of glass with solar cells laminated in between. It is also possible to produce PowerGlaz Translucent panels in a double or triple version, with insulation values up to 0.6 W/m<sup>2</sup>K. If weight is an important factor, the PowerGlaz Translucent panels can be constructed from lightweight materials such as polycarbonate or thin glass in combination with tedlar backingsheet.



## Important Features

Maximum dimensions:	2200 mm x 5000 mm
U- value:	up to approx. 0.6 W/m <sup>2</sup> K

## Applications

Roof  
Window  
Facade  
Street furniture

## PowerGlaz Translucent- Fully customisable solar panel with measurements

Measurements in mm, other measurements on appeal available

Shape:	Within the limits of the glass	Minimum thickness:	7.5 mm for glass / glass & 4.5 mm for glass / tedlar
Solar cell type:	6" Mono & Poly	Maximum thickness:	On request
Light transmittance:	To spec; min: approx. 10%	Insulated glass:	Double and Triple
Cell coverage:	Entirely to spec; 1% – approx. 90%	Minimum U- value:	0.6 W/m <sup>2</sup> K
Installed capacity:	Depends on cell investment; max. 190Wp/m <sup>2</sup>	Other options:	Combination with burglar-resistant or bullet-proof glass possible
Colour of solar cells:	Blue, black or coloured	Colour options:	Screen printing, coloured glass or coloured PVB foil
Interlayer type:	PVB or EVA		
Connectors:	Edge connector, Twinbox or Junctionbox with MC4 plug		

## Glass Composition

