

# SOLAR GLASS



BUILDING-INTEGRATED SOLAR TECHNOLOGY

THE WORLD'S LARGEST BIPV MANUFACTURER

Mitrex is a strong proponent of integrating solar energy generation into every structure touched by the sun – from windows to bus stop shelters, to curtainwalls, to skylights, to railings. Mitrex Solar Glass has transformed a traditional, single-purpose building material into an energy-producing, sustainable, revenue-generating, multi-purpose product.




**Code compliant**, easy to install, safe, and durable.



**Design flexibility**, including glass transparency.



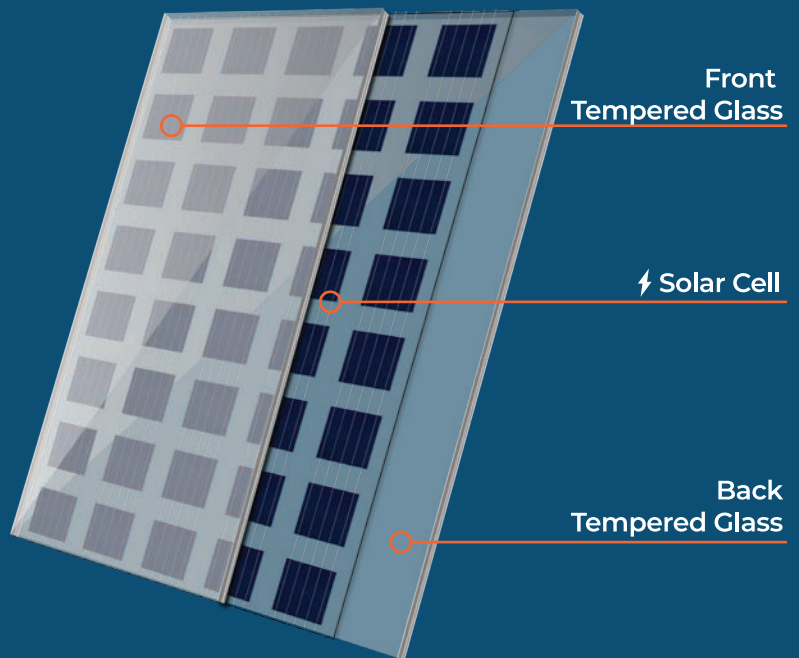
**Energy-generating** while maintaining the functionality of the glass.



**Economical** through our revenue-sharing business model.



**Produced in a North American** automated state-of-the-art manufacturing facility.



## Solar Glass

Mitrex Solar Glass uses photovoltaic technology integrated into glass products to produce clean, sustainable energy.

Relies on advanced solar technology.

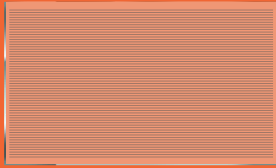
Available in Insulated Glass Units (IGU) for secure and durable insulation.

Comprised of two layers of heat-tempered glass for superior thermal performance.

## Solar Cells

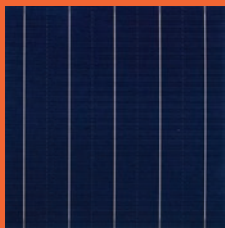
Mitrex builds upon advanced solar technology by combining it with building materials, making solar integrated, multi-purpose products.

### Transparent Solar Technology



Transparent solar technology is for seamless integration of solar without the design drawbacks.

### Monocrystalline Solar Cell



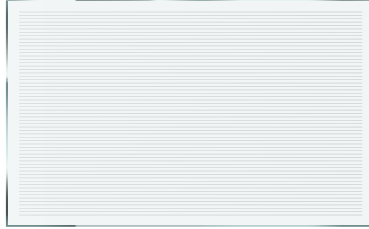
⚡ 22.5% Cell Efficiency

This type of solar technology is the highest performing, most scalable option on the market.

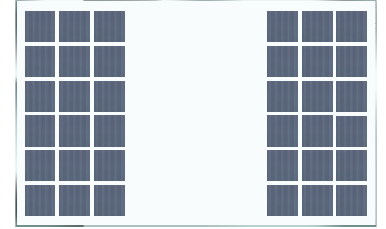
Design

## Aesthetically-Pleasing

Mitrex Solar Glass was created with design in mind - our vision ensures that architects never have to make the choice between sustainability and aesthetics.



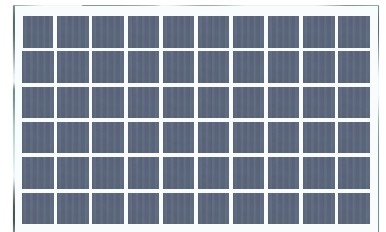
**Transparent** - Transparent Technology



**Semi-Transparent** - Monocrystalline Solar Cell



**Transitional** - Monocrystalline Solar Cell



**Semi-Opaque** - Monocrystalline Solar Cell

Available in a Variety of Sizes & Systems

- Insulated Glass Units (IGU)
- Single Glass
- Solar Panels



Insulated Glass Unit (IGU)



Clean Energy Generation



Transparency Options



Weather Resistant



Invisible Electrical Connections



High-Tech Manufacturing



Turnkey Services

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