

Customized laminated glass PVB and EVA, security toughened laminated glass panel,laminated tempered PVB/EVA glass for indoor and outdoor.

Laminated toughened security glass is consist of two or more layers of glass permanently bonded together with one interlayer (PVB / EVA) via a controlled, highly pressurized and industrial heating process. Even if the glass cracks, splinters will adhere to the interlayer and not scatter. So laminated glass is classified as grade a safety glass. In comparison with other kinds of glass, laminated glass has much higher strength.

Difference between EVA film laminated glass and PVB Film laminated glass?

	PVB Film laminated glass	EVA film laminated glass
Processing, storage conditions	Storage conditions are temperature (18-22℃),humidity (25%-40%),especially for the humidity requirements are very strict, Producing need high temperature (120-140℃)and high pressure (1.0-1.5MPa),mostly with autoclave equipment.	Storage conditions are relatively low, the temperature does not exceed 30 ℃, humidity can be less than 80%, the film requirements of the equipment is also low, Vacuum degree of $\geq 700\text{mmHg}$ (0.092Mpa), the temperature is 100-110 ℃
Process time	longer than EVA, energy consumption is also large.	Low ,energy consumption is also small.
Glass cost	PVB laminated glass can be produced in bulk quantity like more than 1000sqm one time,laminated machine expensive.	EVA laminated glass just several square one time, laminated machine cost cheaper.
Anti-aging performance	PVB anti-aging performance,impact resistance stronger than EVA.	EVA anti-aging performance,impact resistance stronger less than PVB.

Characteristic of laminated glass

1□High Security

When laminated glass is attacked by outside force, it hard to be penetrated because the PVB/EVA interlayer film has strong tenacity and can absorb and weaken a mass of striking energy. Even if it's broken, the splinters will stick to the interlayer and not scatter.

2□Sound Insulation

The interlayer film laminated glass is a kind of organic material and it can block sound waves. Therefore, the laminated safety glass offers better sound insulation performance than the pure glass with the same thickness.

3□Anti-Ultraviolet

Most laminated glass could absorb 99% of incoming ultraviolet radiation. It protects the furniture from discoloring and damage.

4□Energy-saving

The interlayer film laminated glass impedes the transmission of solar heat and reduces cooling loads.

5□ Create aesthetic sense to building

Laminated glass with a tinted interlayer will beautify the buildings and harmonize their appearances with surrounding views which meet the demand of architects.

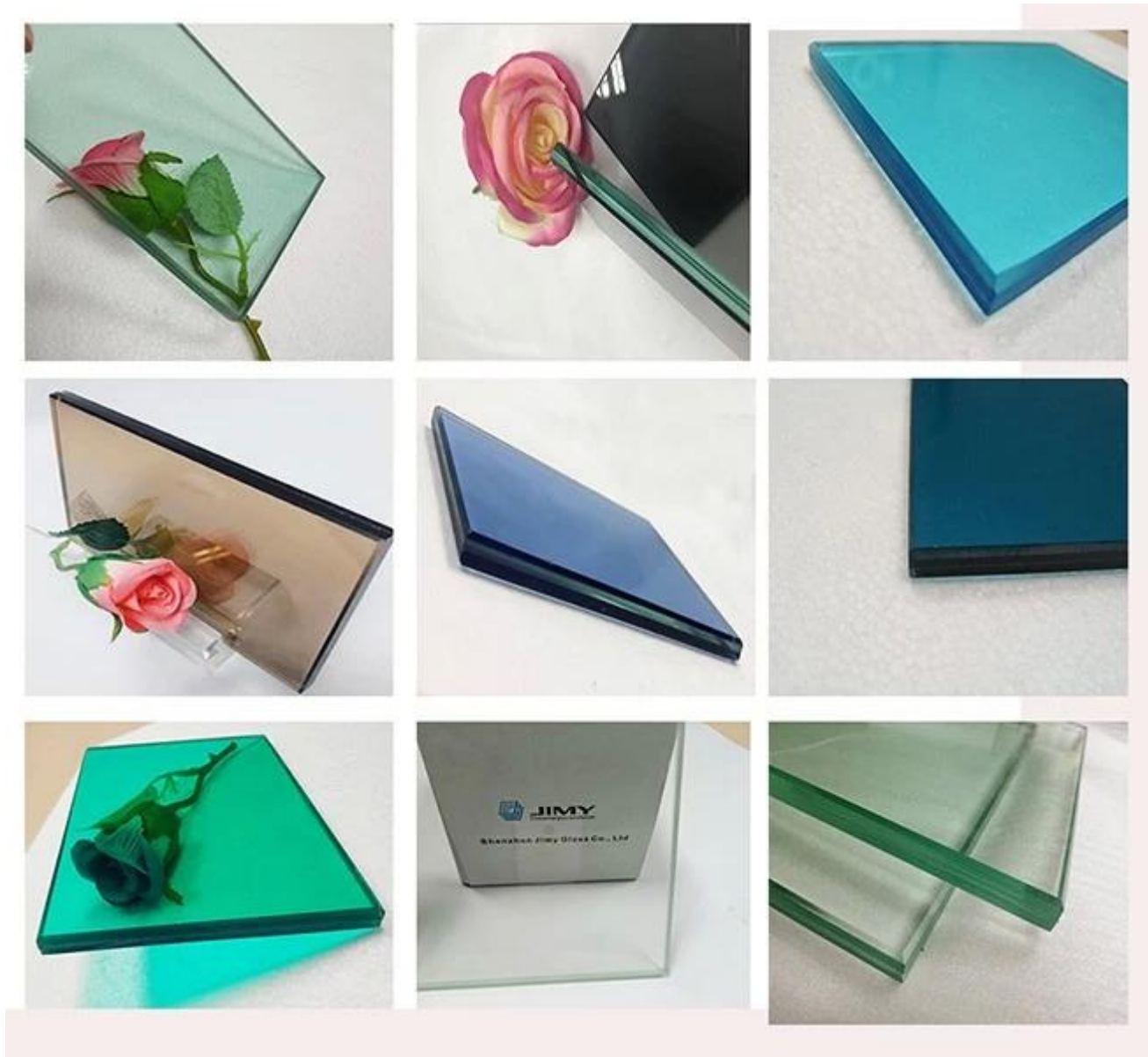
Specification

Glass name:	laminated tempered PVB/EVA glass
Single glass thickness:	2mm 3mm 4mm 5mm 6mm 8mm 10mm 12mm 15mm 19mm etc
Glass color:	clear, ultra clear, <u>grey</u> , green, <u>blue</u> , bronze etc.
PVB thickness:	0.38mm, 0.76mm, 1.14mm, 1.52mm, 1.9mm, 2.28mm, etc.PVB / EVA.
PVB color:	red, white, yellow, any <u>pantone</u> color.
Glass type:	annealed or toughened laminated glass in clear, tinted, reflective, low Iron, etched, screen printing curved laminated glass and Low E combinations.
Sample Supply:	Accept free sample order

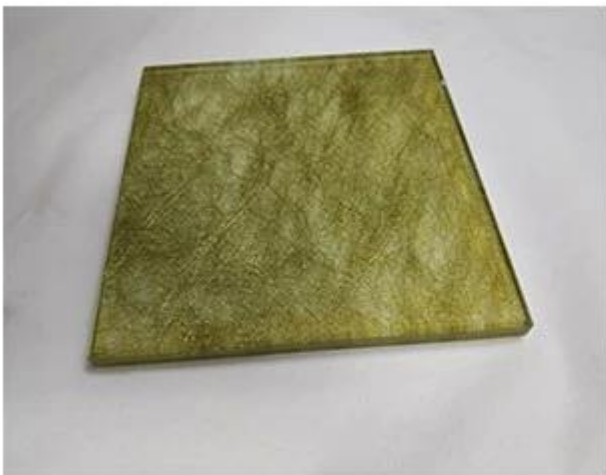
Application

- Sloped/Overhead Glazing
- Museums, Prisons, Government Buildings
- Jewelry Stores, Banks, Airports
- Safety Glazing Applications
- Schools, Hospitals, Hotels
- Interior Partitions, Office Buildings, flooring, Counter
- Exterior skylight, balustrade, long corridor
- Many Others.

The sample of pvb laminated glass , clear laminated glass, color laminated glass. tempered laminated glass,reflective laminated glass etc.



The sample of EVA laminated glass for fabric laminated glass ,clamp wire laminated glass etc.



Color laminated EVA film glass application

Decoration: show enclosures& door, interior glass screens, room partitions glass. Glass walls and floors



Laminated tempered PVB Film glass application



Product line



Packing

