

## **Architectural glass manufacturer, 8+12A+9.14mm tempered laminated insulated glass curtain wall**

Laminated insulating glass is an insulating glass unit with a laminated outboard. This glass is generally more expensive but offers enhanced energy performance. The air or gas filled space serves as an insulator between the temperature difference that exists between the inside and the outside. This configuration can be used in applications where the exterior is overhead glazing or in specific hurricane zones where safety glazing is required for the exterior.

### **8+12A+9.14mm tempered laminated insulated glass advantages:**

#### **1. Security**

Laminated insulating glass can avoid self-explosion risk from single layer tempered glass, 9.14mm laminated glass as outboard, even if the laminated glass broke in fragmentation, debris will be stuck on the film, the broken glass surface remains neat and smooth, which effectively prevents the debris from falling. The laminated insulated glass has higher security and degree of protection.

#### **2. Noise reduction**

PVB film can resist sound waves, the use of tempered laminated insulated glass can effectively block the spread of sound and reduce noise.

#### **3. Anti-ultraviolet ray**

Tempered laminated glass has a very high UV blocking effect; to avoid ultraviolet radiation affecting expensive indoor furniture, curtains, displays or other items.

#### **4: Architectural aesthetics:**

With continuous development of architectural aesthetics, the requirements of the glass curtain wall are higher and higher. Laminated insulated glass meets the trend of energy-saving, environmental protection, comfortable, beautiful and safe request, and becomes the priority material of the curtain wall glass for many classic skyscrapers.

### **JIMY glass company specification of curtain wall laminated insulated glass:**

Shape: Flat and curved

Single glass thickness: various combinations of glass between 3mm and 19mm thick.

Original glass type: Clear glass, low iron glass, tinted glass, reflective glass, low-e glass, frosted glass, etc.

Glass color: Clear, ultra clear, bronze, golden, ford blue/light blue, dark blue, light green/F-green, dark green, euro grey/light grey/smoke grey, dark grey/black, etc.

Interlayer type: PVB (Polyvinyl Butyral), SGP (DuPont SentryGlas), EVA (Ethylene-Vinyl Acetate Copolymer)

Dimension: Max Size: Max 2500x4000mm, any customized size could be cut; any customized could be produced

Aluminum Spacer: 6, 9, 12, 16mm (1/4", 11/32", 1/2", 5/8")

Spacer Fill: Dry Air, noble gas like Argon, etc.

**More choose tempered laminated insulated application:**

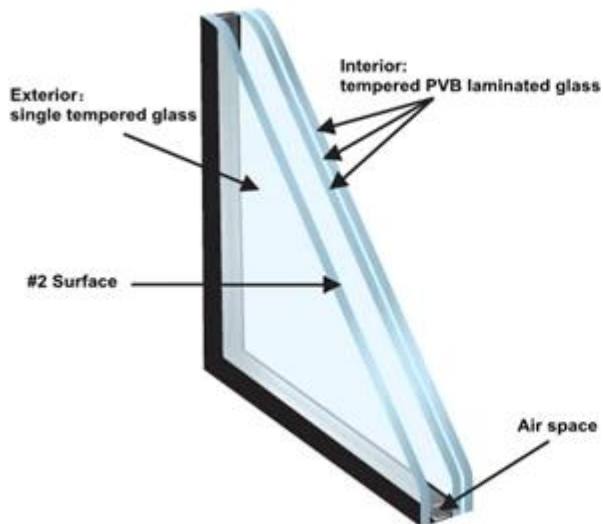
Tempered laminated insulated glass provides the solar controlling properties of an insulating unit along with the safety features of the laminated outboard component. This allows the flexibility to design with hundreds of combinations of tinted glass, high-performance coatings, silk-screen patterns and pigmented interlayers, together or alone, such as:

10mm+12a+55.2 low e tempered laminated insulated glass use for curtain wall

6mm+6mm tempered laminated insulated glass use for roof

Customized laminated insulated safety glass use for skylight glazing.

In addition, laminated insulated glass enhances acoustical performance, ultraviolet light protection, and the laminated component is designed to remain integral in the opening should glass damage occur. For this reason, insulating laminated glass is utilized for skylights or other overhead glazing applications. Often the laminated inboard component is required to provide protection against man-made threats or natural disasters such as hurricanes, bomb blasts or forcible-entry.

**8+12A+9.14mm tempered laminated insulated glass:**



**Tempered laminated insulated glass used for curtain wall:**



**JIMY glass insulated glass warehouse:**



**Saftey loading and packing:**



