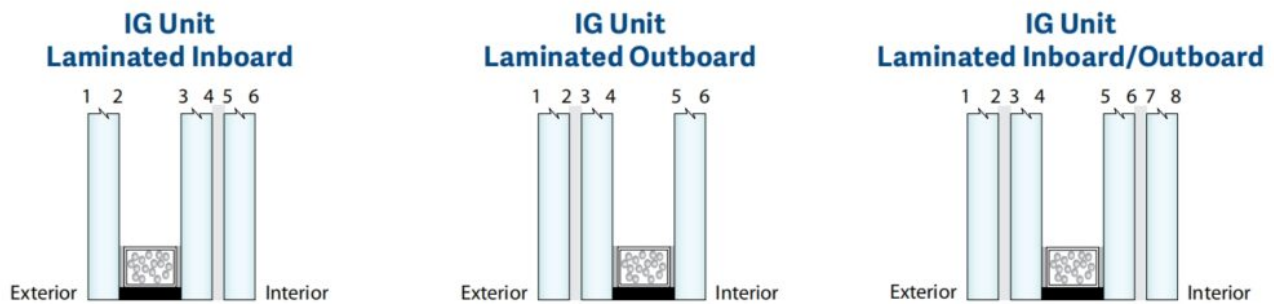


6mm+1.52PVB+6mm+12A+6mm safety laminated insulated glass for hurricane windows



Laminated insulated glass is an insulated glass unit with a laminated. In today's architectural construction, laminated insulated glass applications are widely used in commercial and residential building projects, especially in applications where the exterior is overhead glazing or in specific hurricane zones where safety glazing is required for the exterior.

A laminated insulated glass will have a minimum of six glass surfaces, possibly more. Examples of inboard and outboard laminate configurations are shown below:



numbers showing the glass surfaces counting from exterior to interior

Low-E coating is available on the laminated insulated glass, the surface location of low-emissivity (low-E) coatings incorporated in a laminate will have a great impact on the optical, aesthetic, and thermal properties of the laminated insulated glass. You can check more information in our below artic:

[28mm Low-E coated Dgu laminated glass reliable supplier China](#)

Why use laminated insulated glass in hurricane windows?

Laminated glazing can be certified as a safety glazing product by the Consumer Product Safety Commission, Title 16, Code of Federal Regulations.

A laminate is two or more sheets of glass with an inner layer of transparent plastic (interlayer material) to which the glass is adhered. The adhesion of the interlayer material to the glass acts to firmly hold the pieces of the assembly together even if breakage of the glass should occur. For this reason, laminated glass is commonly used for overhead glazing, applications requiring safety glazing, and anywhere the

consequences of glass breakage would require the majority of the glass to be retained in place. Also as well as hurricane, impact, and blast resistance applications by many specifications and/or building codes.

How to produce 6mm+1.52PVB+6mm+12A+6mm safety laminated insulated glazing?

- 1. Selecting the coated surface
- 2. Laminated treatment
- 3. 12A hollow aluminum spacer bar is bent into the desired shape.
- 4. 13.52mm laminated glazing and another 6mm glass panel are separated with a 12A spacer.
- 5. Primary sealant is applied to the sides of the spacerbar and pressed with an automatic presser.

The laminated insulated glass is ready.

Benefits

☐ [Energy Conservation](#)

☐ [Transparency](#)

☐ [Acoustic Insulation](#)

☐ [Reduced Infiltration](#)

☐ [Reduced Condensation](#)

☐ [Super Safety](#)

Shenzhen Dragon Glass laminated insulated glass unit for sale:

- **1. Glass panel options:** clear glass, tinted glass, Low-E coatings, reflective coatings, silk-screened patterns, etc.
- **2. Spacer thickness:** 6A, 9A, 12A, 14A, 15A, 16A, 18A, etc
- **3. Spacer colors:** silver, grey, black, etc.
- **4. Max size:** 3300*13000mm.
- **5. Color:** clear, ultra clear, grey, bronze, blue, green, etc.
- **6. Coating glass like Low-E coating is optional.**
- **7. U value:** <1.8 W/m²K.
- **8. Transmittance:** 8~85%.
- **9. Shape:** flat or curved.
- **10. Capacity:** 2000 SQM/DAY.
- **11. Certification:** CE, BS, AS, IGCC & ISO 9001



laminated insulated glass unit



laminated IGU



laminated IGU



laminated insulated glass unit

Application:

- ■ Sloped/Overhead Glazing
- ■ Curtain Walls
- ■ Storefronts
- ■ Non-vision (Spandrel) Locations
- ■ Commercial/Residential Fixed and Operable windows







Packing and delivery:



As you can see the benefits of safety laminated insulated glass for hurricane windows are immense. Aside from keeping your house warm all year round, you get better sound insulation, security, and reduced UV and heat damage. Additionally, you can rest assured that you are helping to conserve the environment by reducing your carbon footprint. Even though it may seem a bit pricey compared to single glazing, it reduces your energy bills and increases the value of your home.

Shenzhen Dragon Glass is a world leader in laminated IGU

manufacturing. We provide customized services to give you the best solution that accommodates all your needs, from iconic architectural projects that push the boundaries of glass technology, to economical home glass, guaranteeing good quality products and excellent customer service. We provide high-quality products at reasonable prices. If you are considering buying laminated insulated glass for hurricane windows, then don't hesitate to consider us.

Contact us today for high-quality service and the best prices.