

Super premium 10+10mm milky white laminated glass for outdoor glass railing system



What is 10+10mm milky white laminated glass?

10+10mm milky white laminated glass is a type of safety glass that consists of two 10mm thick layers of glass laminated together with a milky white interlayer.

Milky white laminated glass is ideal for the near-total blackout of another side, you will only see a blurred silhouette if whatever is on the other side is close to the glass, the white is in the PVB interlayer, not the glass itself.

Laminated glass also offers benefits such as sound insulation and UV protection, making it a versatile and durable option for various architectural and design purposes.

Shenzhen Dragon Glass also offers in another opacity levels of white, offering different levels of privacy screening and diffusion of incoming light: SDG – [White Translucent Laminated Glass](#)



Why use 10+10mm laminated glass for outdoor glass railings system?

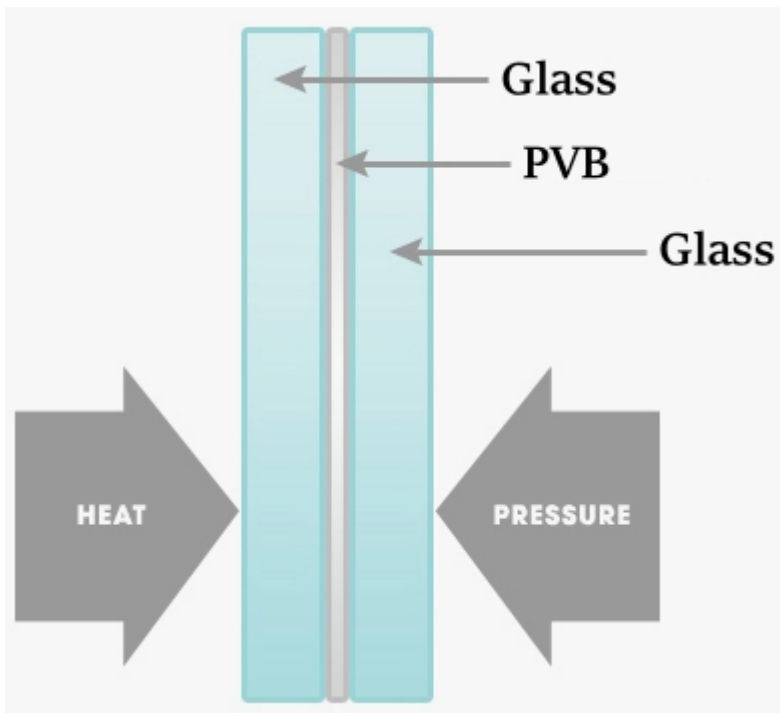
Using laminated glass for outdoor glass railing systems offers numerous benefits that make it an ideal choice for such applications. Here are the key reasons:

- **1. Safety:** Laminated glass consists of two or more layers of glass bonded together with an interlayer, typically made of polyvinyl butyral (PVB) or ethylene-vinyl acetate (EVA). If the glass breaks, the interlayer

holds the shards together, reducing the risk of injury from sharp glass pieces.

- **2. Impact Resistance:** Laminated glass is much stronger and more resistant to impact compared to single-pane glass, providing enhanced protection against accidental impacts or vandalism.
- **3. Weather Resistance:** Laminated glass is highly resistant to weather conditions such as wind, rain, and temperature changes. It maintains its structural integrity and appearance over time, even in harsh outdoor environments.
- **4. UV Protection:** The interlayer in laminated glass often includes UV filters, protecting both the glass and the interior from harmful UV rays, which can cause fading and damage over time.
- **5. Security:** Intrusion Resistance: Laminated glass is harder to penetrate than regular glass. This makes it more secure and a better deterrent against break-ins or forced entry, enhancing the overall security of the property.
- **6. Regulatory Requirements:** Many building codes and regulations require the use of laminated glass for railings and balustrades due to its safety features. Using laminated glass ensures compliance with these safety standards.

How to produce 10+10mm white laminated glass?



1. Cutting 10mm clear glass to the desired size.
2. The glass surfaces are thoroughly cleaned to remove any dust, dirt, or residues that could affect the quality of the laminated glass.
3. 10mm glass tempered process (if needed).
4. The assembled glass sheets and interlayer are placed into a laminating oven or autoclave. Heat and pressure are applied to bond the layers together. The temperature and pressure levels are carefully controlled to ensure proper lamination and to eliminate any remaining air bubbles.
5. Cooled gradually to room temperature to stabilize the structure, any excess interlayer material is trimmed from the edges of the laminated glass.
6. The finished laminated glass undergoes quality control checks to ensure that it meets the required strength, safety, and appearance standards. This includes visual inspection, measurements of thickness and color, and

testing for durability and impact resistance.

Benefits of using milky white laminated glass in outdoor glass railing system?

Using 10+10mm milky white laminated glass for outdoor glass railings system offers several advantages, making it an ideal choice for both safety and aesthetic reasons:

The milky white interlayer offers a sleek, modern look that can enhance the visual appeal of outdoor spaces. It provides a unique aesthetic that blends well with various architectural styles.

The milky white glass diffuses light, creating a softer, more pleasant illumination while maintaining privacy.

Improved resistance to wind loads and high temperatures.

Remains intact or breaks safely on impact to reduce the risk of serious injury.

Protect against harmful UV rays, reducing the fading of nearby furniture and flooring.

The laminated structure helps to reduce noise transmission, creating a more peaceful outdoor environment, especially in urban or noisy areas.

Specifications:

Production name: 10+10mm milky white laminated glass for outdoor glass railing system
Glass thickness: 21.52mm
Interlayer type: Milky white colored PVB
Glass color: Clear; other low iron, bronze, blue, green, grey, etc is available.
Max size: 3300*13000mm;
Shape: Flat or curved.
Quality: CE/ASTM/AS/ISO9001/BS;

Packing: Strong Plywood Crates;
Capacity: 1000SQM/day;
Production time: 10~15 days;

Quality:

- ⊗ Subject to BS
- ⊗ Subject to AS
- ⊗ Subject to ASTM
- ⊗ Subject to CE
- ⊗ Subject to ISO9001

Production details:







Applications:



Packing and delivery:



Perfect for professional procurement, our milky white laminated glass railing systems blend durability with modern elegance, enhancing safety and aesthetics.

Choose our top-quality glass to meet the highest standards in your projects. Elevate your designs with our reliable and stylish solutions. If you want to view other railing styles, you can also view our [glass railing gallery](#).

Contact us today to upgrade your outdoor areas with the finest laminated glass solutions!