

8+8mm Grey Laminated Glass for Glass Balustrades | 2024 Attractive Balustrades Ideas



What is 8+8mm grey laminated glass for glass balustrades?

8+8mm grey laminated glass typically refers to a type of safety glass used for balustrades. The “8+8mm” designation means that the glass consists of two pieces of 8mm float /annealed /tempered glass with an interlayer lamination between them. This interlayer is grey polyvinyl butyrate (more commonly called grey translucent PVB).

This type of laminated glass is commonly used in architectural applications for its strength, safety, and aesthetic appeal. The grey tint adds a decorative element and can also help reduce glare and provide privacy.



17.52mm grey laminated glass for glass balustrades

Why use grey laminated glass as balustrades glass?

1. Option of products with different light transmissions;
2. Available as a Grade "A" Laminated or tempered laminated safety glass;
3. Diffuses light to give a uniform natural look;
4. Remains intact or breaks safely on impact to reduce the risk of serious injury;
5. Resists attack for longer as it remains bonded to the interlayer -Specialist high-performance security glass is also available;
6. Using colored PVB, reduced color fading;

7. Improved resistance to wind loads and high temperatures;
8. Extremely resistant to scratching, fingerprints, and staining.



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How to produce 8+8mm grey laminated balustrades glass□

- **1. Cutting:** 8mm clear glass to the desired size.
- **2. Cleaning:** The glass surfaces are thoroughly cleaned

to remove any dust, dirt, or residues that could affect the quality of the laminated glass.

- **3. Tempering:** 8mm glass tempered process (if needed).
- **4. Laminating:** 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. Trimming:** Cooled gradually to room temperature to stabilize the structure, any excess interlayer material is trimmed from the edges of the laminated glass.
- **6. Quality control:** 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.

Choose from two opacity levels – SDG Euro Grey Laminated Glass and SDG Dark Grey Laminated Glass – to suit your preferences. These options offer varying levels of privacy screening and diffusion of light, allowing you to create the perfect ambiance for your space.

For more details, you can refer to our [Gray Color PVB Series](#).



17.52mm grey laminated glass

Benefits:

1. Safety: Grade "A" grey laminated glass is designed to hold together when shattered, reducing the risk of injury from sharp glass fragments. This is particularly important for balustrades, as they are often installed in areas where people may come into contact with them.

2. Strength: The combination of two glass layers with an interlayer provides enhanced strength compared to single-pane glass. This makes laminated glass suitable for supporting the weight and pressure exerted on balustrades, ensuring structural integrity and safety.

3. Durability: Laminated glass is more resistant to impacts, scratches, and other forms of damage compared to regular glass. This helps maintain the appearance and functionality of balustrades over time, reducing the need for frequent replacements or repairs.

4. Aesthetic Appeal: The grey tint adds a stylish and modern look to glass balustrades, enhancing the overall aesthetic of the architectural design. The tint can also help reduce glare and provide privacy while still allowing light to pass through.

5. UV Protection: Grey laminated glass can provide protection against harmful UV rays, helping to prevent fading and damage to interior furnishings and finishes near the balustrades.

6. Noise Reduction: The interlayer in laminated glass can help dampen sound transmission, reducing noise pollution in indoor and outdoor spaces where balustrades are installed.

Overall, the use of 8+8mm grey laminated glass for balustrades offers a combination of safety, strength,

durability, security, aesthetic appeal, and additional benefits that make it a popular choice for architectural applications.

Specifications:

Production name: 8+8mm grey laminated glass for glass balustrades
Glass thickness: 17.52mm
Interlayer type: 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;



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Application:





Packing and delivery:



Shenzhen Dragon Glass is a world leader in laminated glass 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 grey PVB laminated glass, then don't hesitate to [contact us](#) for a free quote.