

EN12543 Good Quality Opaque Laminated Glass Sheet 4+0.76mm+4mm for wholesale and Distribution



1. What is opaque laminated glass sheet 4+0.76mm+4mm?

Opaque laminated glass sheet also called frosted white laminated glass, translucent laminated glass, or [milky white](#)

[laminated glass](#), often choose two pieces of 4mm clear glass, low iron glass, or other kinds of glass, coming with 2 layers of the PVB interlayer or EVA interlayer, thickness reach 0.76mm, or .03, laminating by the Autoclave, after being subjected to high temperature and high-pressure environment, it becomes laminated glass finally.

The entire structure consists of two 4mm glass panes separated by a 0.76mm interlayer, making a total thickness of approximately 8.76mm or [44.2 laminated glass](#). This type of laminated glass is commonly used in applications where safety and security are priorities, such as in windows, doors, partitions, railing and automotive windshields.

The opaque laminated glass sheet ready to deliver

2. Feature

Privacy

- Opaque laminated glass obstructs visibility, providing privacy for spaces where clear visibility is not desired. This feature makes it suitable for applications such as partitions, doors, and glass windows in bathrooms, conference rooms, or offices.



Security

- Like all laminated glass, opaque laminated glass offers enhanced security due to its construction. Even if the glass breaks, the interlayer holds the broken pieces together, preventing them from shattering and potentially causing harm. This feature makes it a preferred choice for security-sensitive environments.

Sound Insulation

- The interlayer (also can use acoustic PVB of laminated glass) in laminated glass also acts as a sound barrier, reducing noise transmission between spaces. Opaque laminated glass can help create quieter environments by minimizing external noise intrusion or internal noise propagation.

UV Protection

- Some types of opaque laminated glass are designed to block UV radiation, protecting interior spaces and occupants from harmful ultraviolet rays. This feature helps prevent fading of furniture, flooring, and other interior elements exposed to sunlight.

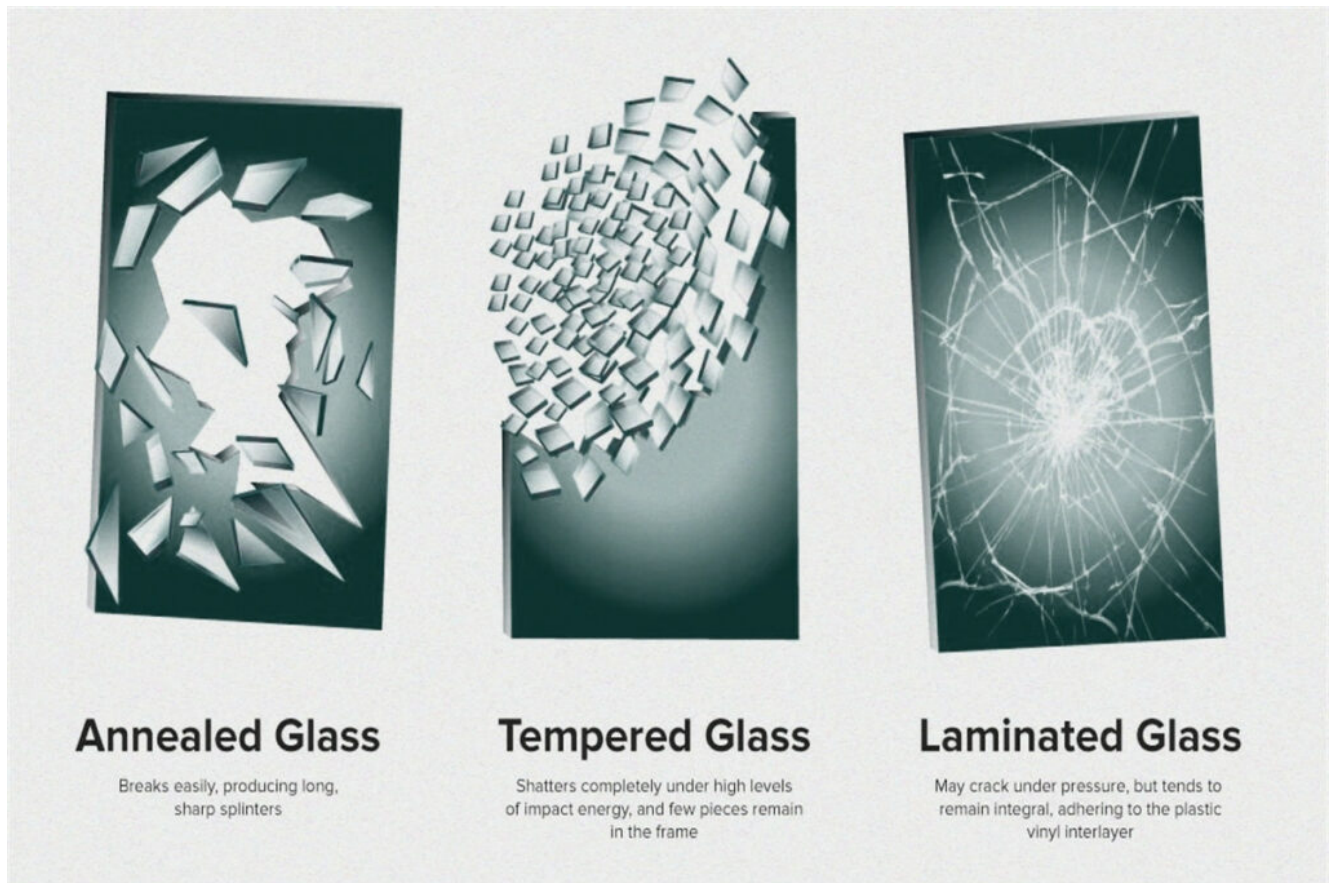
Design Versatility

- White laminated glass can be customized in terms of opacity level, color, and patterns to suit specific aesthetic requirements. It offers designers flexibility in creating unique and visually appealing spaces while maintaining the benefits of laminated glass.

Durability

- Laminated glass, including opaque variants, is durable and resistant to impact, scratches, and other forms of damage. This durability ensures a longer service life and reduces the need for frequent replacements, contributing to cost-effectiveness in the long run.

Overall, milky white laminated glass combines privacy, security, sound insulation, UV protection, and design versatility, making it a versatile and practical choice for various architectural and interior design applications.



Laminated glass sheet vs different glass breaks

3. Quality Standard

[Dragon Glass](#) have being awarded so many certificates for 8.76mm frosted laminated glass, see below:

- Subject to **BS standard**
- Subject to **SGCC-ANSI Z97.1 standard**
- **Subject to ASTM C1172 standard**
- Subject to **CE- EN12543 standard**
- Subject to the **ISO 9001 standard**
- Subject to the **AS/NZS 2208:1996 standard**

4. Applications



Opaque VSG glass office partitions

Nowadays, so many offices consider using glass as a replacement for concrete, wood, and panels. Because the glass has a wonderful fire proof performance, is easy to clean, and also has a very good view with light transmission.

Using translucent laminated glass will be better than normal clear glass because you can save privacy from both sides, and when the light from outside passes through, it is not

dazzling.



Opaque laminated glass windows

Why windows also use frosted laminated glass? Someone will ask this question, it's will oftenly use for some privacy location, such as shower room windows, such as lab, such as school, or special ranges uses.



Frosted white laminated glass Doors

The doors especially french door is popular to use laminated glass, such grey laminated glass, bronze laminated glass, clear laminated glass 44.2, and also frosted laminated glass, which can give very good decorative effects, also can give a privacy environment for your house.

5. Specifications

Item name: 8.76mm opaque laminated glass, 44.2 frosted VSG glass, 4+4mm white PVB laminated glass
Glass color: Frosted white, milky white, pure white, Translucent
Glass shape: flat/curved;
Glass size: Stock size for products like 1830x2440mm, 2140x3300mm, 2140x3660mm, 2250x3300mm, 2440x3660mm, 2440x3300mm, customized size, max: 2500mmx3800mm;
Quality: IGCC/ASTM/CCC/ISO9001, etc;
Production time: 15 days, if have holes or cutouts will reach 15-20 days
Packing: Export level strong plywood crates;
Payment term: 100% before delivery, others can negotiate

6. Production Details

Cutting line

[Dragon Glass group](#) have over 7 cutting line, including Bottero, Lisec auto cutting line, CNC cutting line, and so on, according to the customer's CAD drawing, our professional team will try our best to help you with your glass sizes and shapes.



Edging line

Support over 12 types of edge polishing, including Flat polished, beveling, round edge, no matter building glass, but also furniture glass edges, or if you have other glass requirements, kindly [contact our team.](#)



Laminating line

The professional workers will combine two pieces 4mm glass together with the interlayers like PVB or EVA, and make a pre-laminate before high temperature and pressure.



Autoclave

All the laminated glass will be transferred to the Autoclave, after hours high temperature and pressure, which is cooling, will go to the inspection room.



7. Packing and Delivery

Package information of 44.2 milky white VSG glass

1. [Dragon Glass](#) use plywood crates only Because which made by compressing and bonding processed wood, and can be exported without any complex procedures, making it very convenient.

2. The size of the safety 8.76mm white laminated glass is often not uniform. For safety transportation, the interior of the plywood box is filled with pads and blocks to provide corks between the tempered esg glass panel. Then, it is wrapped with plywood strips because the more exposed it is, the safer it is. Diagonal bracing of the plywood strips is essential to enhance the strength of the box.
3. Clients asked why we don't use fully sealed packaging. That's due to the more exposed it is, the safer it is. During transportation by forklift or crane, it is immediately clear that there is fragile thick toughened glass inside, prompting extra attention to safety.

Strict inspection before delivery



Laminated glass inspection by flash light in Dragon Glass



Packaging and delivery for opaque laminated glass 4+4mm

Dragon Glass also work for other types of laminated glass, such acoustic PVB laminated glass, ultra clear laminated glass, color laminated glass and so on, this is for different clients their different projects, if you have any inquiries or questions, please do not hesitate to [contact us anytime](#).