12mm+12mm Safety Toughened Laminated Glass provider China

About 25.52mm safety Tempered Laminated Glass/ ESG VSG safety glass

25.52mm Safety Tempered Laminated Glass is made up of two layers 12mm clear tempered glass permanently bonded together with 1.52mm PVB interlayer via a controlled, highly pressurized and industrial heating process. The lamination process results in the glass panels holding together in the event of breakage, reducing the risk of harm. Laminated Glass is classified as Grade A Safety Glass.

Characteristic

High Security

When laminated glass is attacked by outside force, it hard to be penetrated because PVB film has strong tenacity and can absorb and weaken a mass of striking energy. Even if it's broken, the splinters will stick to the interlayer and not scatter.

Sound Insulation

PVB film is a kind of organic material and it can block sound waves. Therefore, the laminated safety glass offers better sound insulation performance than the pure glass with the same thickness.

Anti-Ultraviolet

Most laminated glass could absorb 99% of incoming ultraviolet radiation. It protects the furniture or appliances from discoloring and damage.

Energy-saving

PVB interlayer impedes the transmission of solar heat and reduces cooling loads.

Create aesthetic sense to building

Safety Laminated glass will beautify the buildings and harmonize their appearances with surrounding views which meet the demand of architects.

Specification

Tempered laminated glass size: max 3000*8000mm, mini 150*300mm

All the processing done on tempered laminated glass like beveling, cutting, drilling, etc. must be done before tempering.

Application

• Sloped/Overhead Glazing

• Museums, Prisons, Government Buildings

• Jewelry Stores, Banks, Airports

• Safety Glazing Applications

• Schools, Hospitals, Hotels

• Exterior skylight, balustrade, long corridor

• Many Others.

Quality Standard

In accordance with GB15763.3, Chinese standard

In accordance with EN12543, European standard

In accordance with ANSIZ97.1, American standard

In accordance with AS/NZS2208, Australian standard

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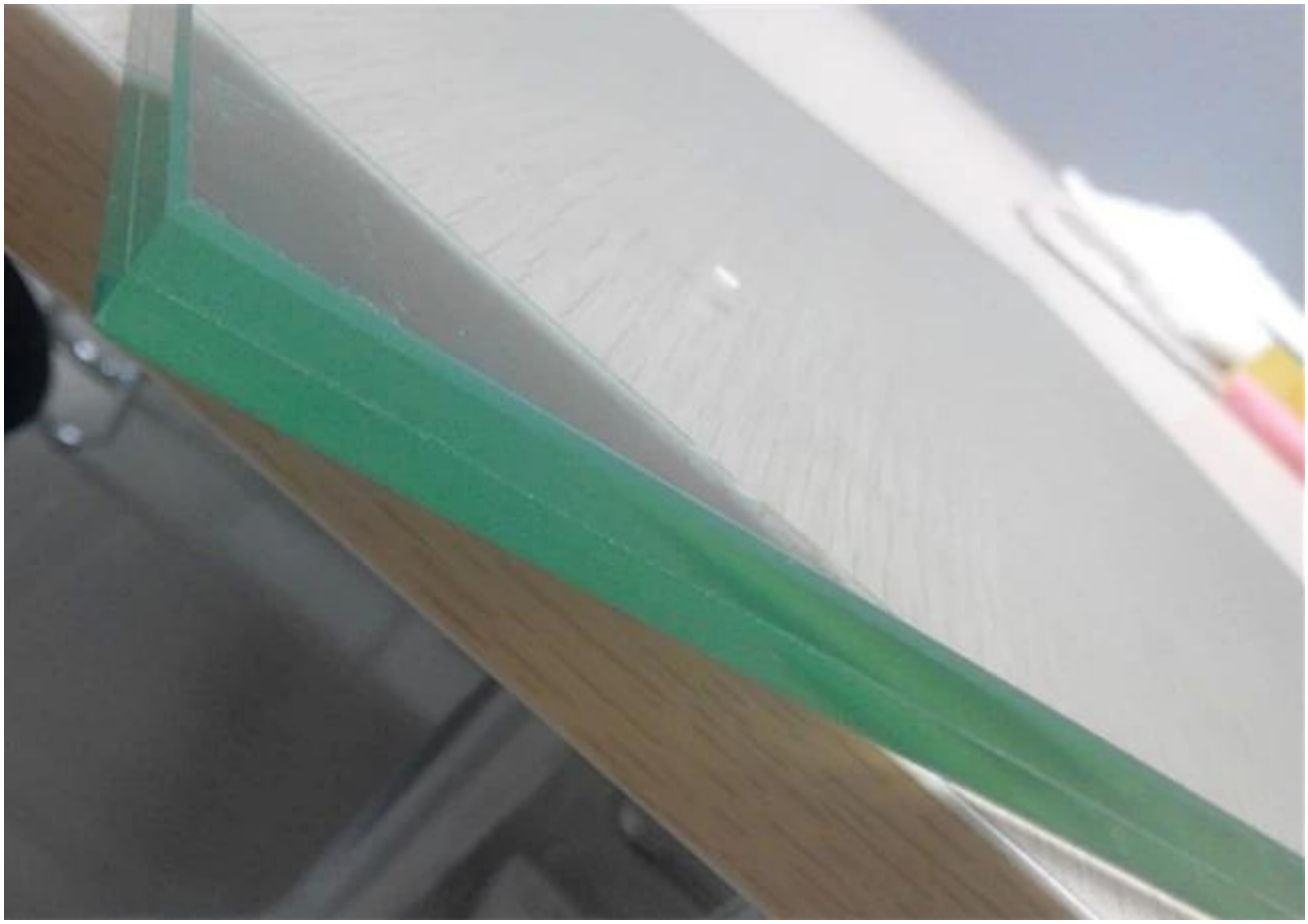
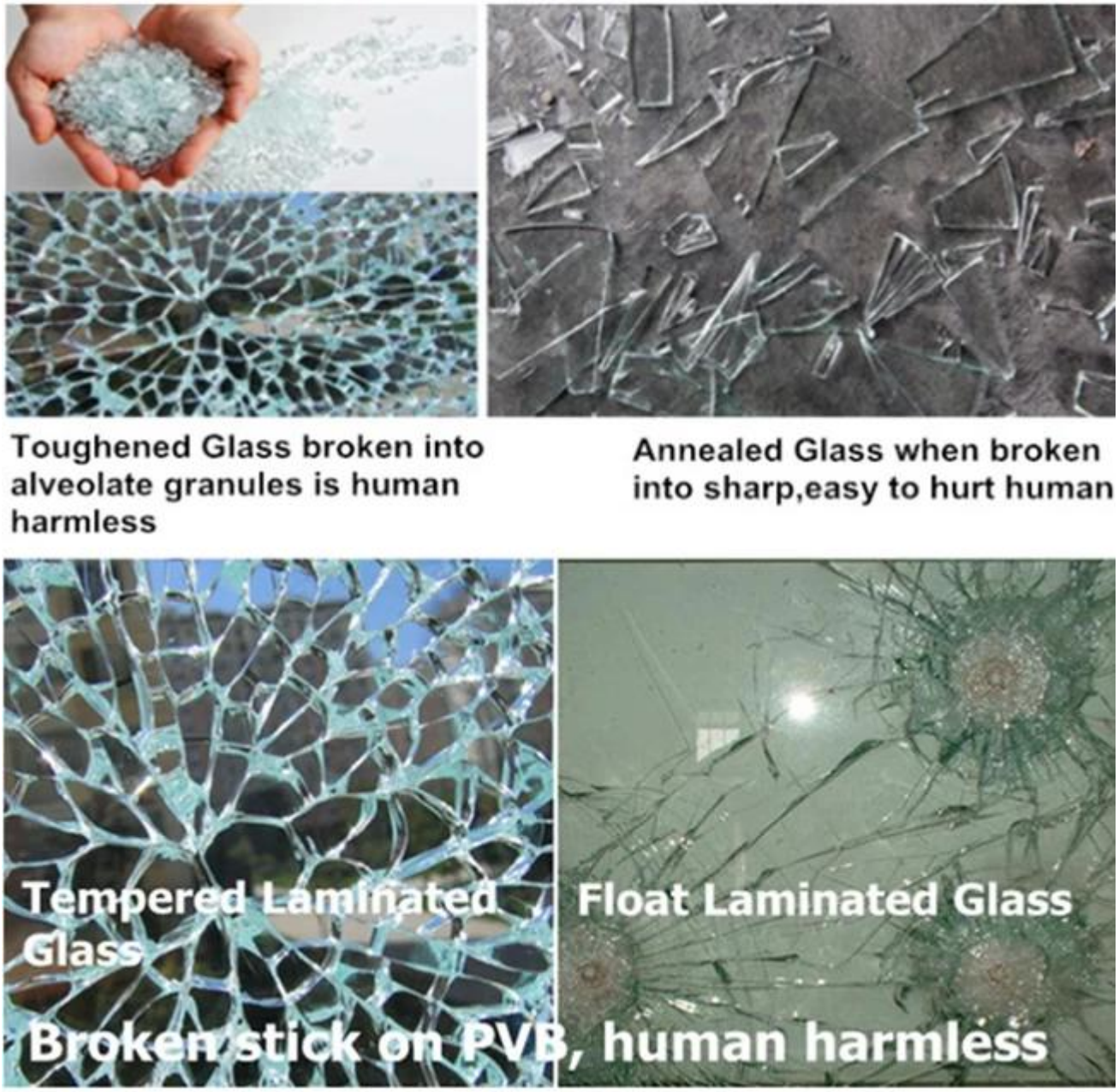


Difference When Different Glass Been Broken



Safety Tempered Laminated Glass Production Plant

Safety Tempered Laminated Glass stronger Packing and Loading