

SZG 8mm+8mm Extra clear toughened insulated glass facade

SZG Toughened Laminated Glass facade walls are lightweight aluminum-framed facades housing glass or metal panels. Each glazing system requires careful integration with other adjacent structural elements such as wall claddings, roofs, and wall details. Curtain wall systems range from standard prefabricated systems to specialized custom wall units. Increased costs often come with additional customization and larger sizing.

In this section [17.52mm Tempered laminated Glass](#) Unit is a creative glass combination which is produced by 2 sheets 8mm Low Iron tempered glass and stick with 1.52mm Clear pvb.

[8MM Ultra clear Tempered Glass](#)+1.52mm clear pvb+8MM Low Iron Tempered Glass :

Single Glass thickness	8mm Extra clear tempered glass
PVB thickness	0.38MM,0.76MM,1.14MM,1.52MM,2.28MM
Other Color options	Clear,Green,Blue,Gray,Bronze
Glass thickness options	5mm/ 6mm/8mm/10mm/12mm/15MM/19MM, etc
Other glass options	Low-E tempered glass, ultra clear glass,, tinted glass, reflective glass
Insulated glass size	1.Max: 3300mmx13000mm 2.Min:180x350mm 3.Custom sizes
Other Laminated glass composition options	1.Clear tempered glass+ Low e tempered glass 2.Clear tempered glass+Reflective tempered glass 3.Or customized composition based on requirements.

Features:

1. Security: 17.52 mm toughened laminated glass They combine the advantages of tempered and laminated glass. Once the break occurs, interlayer bonded fragments, therefore the fragments will not fall, which effectively prevent the fragments harms humans through the fall of glass breakage incident, to ensure the personal safety
2. sound proof: SGP or PVB film It has a different density with glass panels, stop the transmission of sound. A standard window insulated with a layer of laminated glass would have a kind of sound around transmission of 32-35, very improved sound controlling from an ordinary window non-laminated glass.
- 3 UV rays of reduction: Avoid furniture interior, curtains and other items the impact of ultraviolet radiation.
- 4 fire resistance: Correspondingly configured glass laminated tempered protects against fire or bombing.
5. saving: Laminated tempered glass can reduce the transmission of the light of the Sun, thus may reduce the energy consumption by equipment such as air conditioning.
6. decoration: the crystals are of classic material, but different separators are hunters of real eye. We can produce the laminated tempered glass with silk, metal, feathers, grass, film transparent, semi-transparent or opaque, even printing photos

Advantages of glass facade

1. Energy Efficiency

Allowing sunlight to enter into a building can save electricity since you can use natural light instead of artificial lighting

2. Safety and strong enough

A structural glass facade is generally strong enough to withstand some of the harshest weather elements. Whether you live in an area with constant sun, wind or rain, the glass will retain its integrity and appearance much longer than many traditional building materials

3. UV rays

Glass can efficiently reduce 99% harmful UV rays to human

4. modern design and light through

SZG Laminated Glass units Quality Standard:

1. comply with EN12150 European tempered glass standard

2. comply with ASTM1048 American Standard

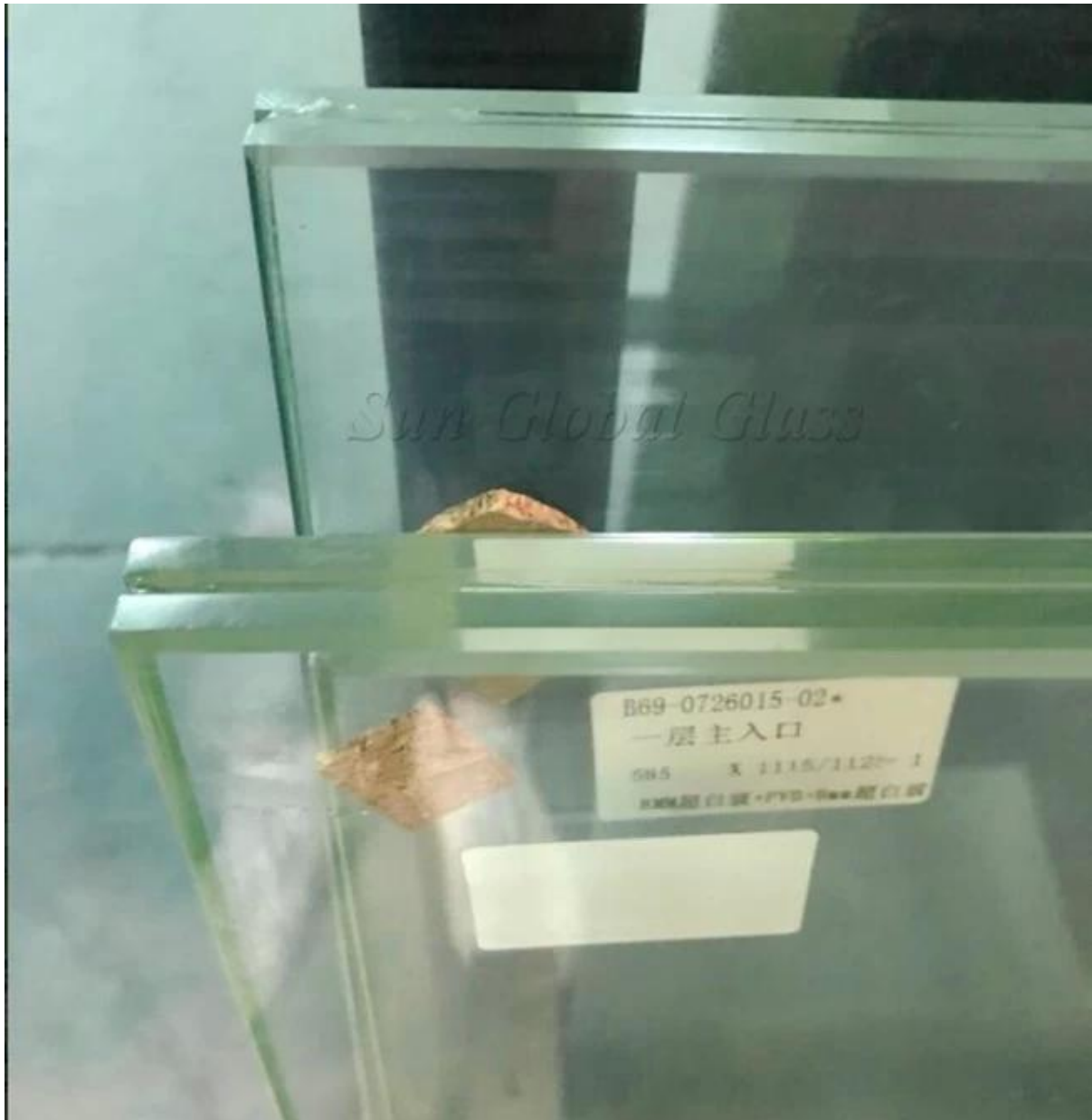
3. conform with GB 9963-1998 Tempered Glass Standard

4. conform with GB 17981-1999 Chinese Standard Tempered and Heat-Strengthened Glass

5. Comply with Chinese Safety Glass Compulsory Certification (CCC), IGCC, CSI.

Product Pictures:





Holes and Cut outs



Breakage of tempered laminated glass



annealed glass

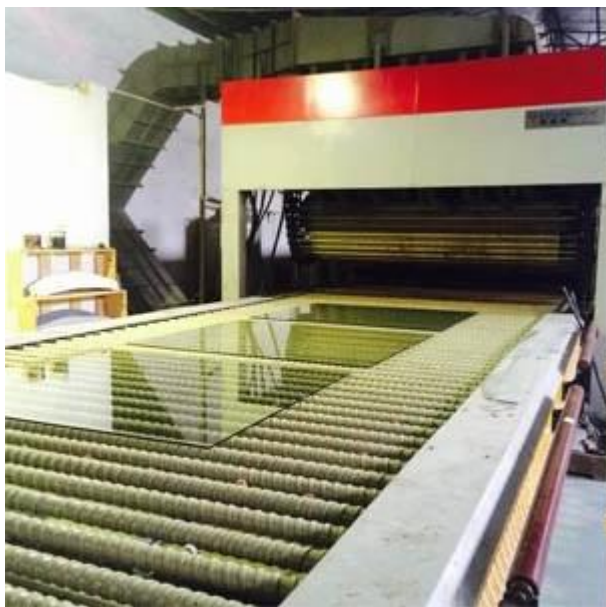


tempered glass



tempered laminated glass

Production Line





Package

