

Multilayer laminated safety glass

Description

[Laminated glass](#), also call multi-layer glass, it is a kind of super safety glass, which is made by bonding two or more layers glass together with interlayer like PVB, SGP, EVA, and under high temperature and pressure, to make them stick together tightly.

Features

» Multilayer laminated glass is a kind of safety glass, it's resilient interlayers have the capacity to absorb the energy of impact and resist penetration. Although the glass is broken, the glass fragments will adhere to the interlayer, minimizing the risk of injury and property damage.

» Multi-layer laminated glass is an effective sound control glass, it has a higher sound reduction index than monolithic glass of equal thickness between the frequencies of 125Hz and 4,000Hz, because of the shear damping performance of interlayer.

» Laminated glass is a kind of UV control glass, it can block over 99% of the UV rays while allowing most of the visible light through, which could protect the interior goods from fading.

» Laminated glass is a kind of [decorative glass](#), it can be manufactured to flat or curved, including annealed, heat-strengthened, toughened, heat-soaked, wired, patterned, sandblasted, etched, silkscreen printed, digital printed, tinted, reflective glass, etc. Internal layers can be PVB, SGP, EVA with different colors, and could add some materials like fabric, metal, etc. for further aesthetic and privacy needs.

Specifications

» Unlimited thickness including two layers 3+3mm, 4+4mm, 5+5mm, 6+6mm, 8+8mm, 10+10mm, 12+12mm, 15+15mm, 19+19mm, three layers 4+4+4mm, 5+5+5mm, 6+6+6mm, 8+8+8mm, 10+10+10mm, 12+12+12mm, 15+15+15mm, 19+19+19mm, four layers, five layers, six layers, etc. With different thickness interlayer like 0.38mm, 0.76mm, 1.14mm, 1.52mm, 1.9mm, 2.28mm, etc.

» Bespoke glass solutions for extreme loads and super large sizes, max size could reach to 3300x13000mm, any cut to size laminated glass could be produced

» Color clear, super clear, blue, bronze, green, grey, black, pink, etc.

» Available to make [insulated glass](#)

» Type

Bulletproof laminated glass

Impact resistant laminated glass

Bomb blasts resistant laminated glass

Hurricane resistant laminated glass

Theft resistant laminated glass

Any other safety laminated glass

Usage of multi-layer laminated glass

Laminated safety glass is exceptionally durable, is our foreground solution for the explosion, earthquake, theft, and resistance to social events and natural disaster risks such as vandalism, it can be used for a variety of architectural and interior design [applications](#) such as floor glazing, stairs, balconies, balustrades, roof, ceiling, internal panelling and exterior cladding as well as for the more traditional doors and windows.

