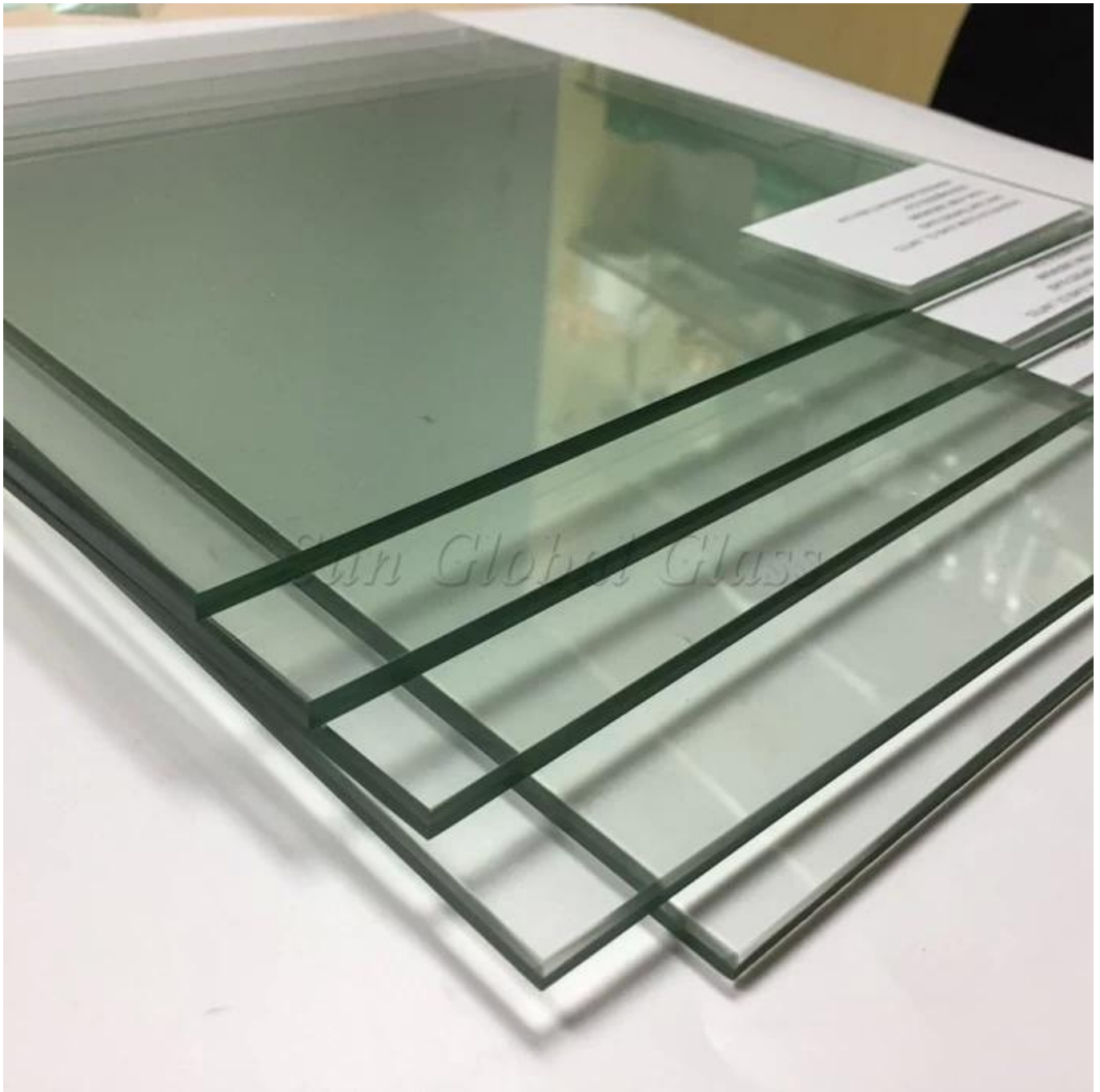


## 5mm Anti Fire Glass Offers A Transparency Fire Protection Environment

Monolithic fire rated glass, also referred as monolithic cesium potassium fireproof glass, which is ionized by special chemical treatment at high temperature for more than twenty hours, take place of metal sodium on clear tempered glass' surface to form the special chemical tempering stress. The high compressive stress is formed on the glass surface through physical treatment, which can withstand more heavier impact, strength, etc.

When the breakage occurs, they can reduce the harm to the human body compare to [float glass](#)! The tenacity of fire resistance glass is 6-12 times that of ordinary glass; 1.5-3 times than tempered glass.

SZG glass factory offers a wide range of fire resistant glass options with varying levels of protection to suit your needs. Protection levels are measured in defined time periods (30, 60, 90 minutes) and in terms of either integrity and insulation or integrity only, as designated by different countries' standards. Welcome to contact with us to place order.



**In this section 5mm clear fire rated glass, they be applied for the production of fireproof laminated glass or fire-resistance insulated glass. Their main features as below:**

1. they can offer a transparent fire protection environment, to meet modern architecture favors a transparency glass facade. When they are fire resistance laminated glass or fireproof insulated glass, can not only offer a bright and open space design, as well as safety to be combined in a variety of multifunctional systems, such as glass sliding doors, glass windows, glass facade, glass entrance doors, etc.

2.5mm clear tempered anti-fire glass can meet fire safety requirements for the protection of human life and property.

3. Compare to normal [5mm clear tempered glass](#), their tenacity are 1.5~3 times more.

4. They have good performance on heat-resistance and fire-resistance

5. They are bespoke glass products, can be drilled holes, cut notches, polished edges, safety corners, etc.

### **Specifications:**

1. Glass product: 5mm fire rated glass

2. Other names: 5mm fire resistance glass clear tempered, 5mm clear fire rated glass, 5mm fireproof glass, 5mm anti-fire glass, etc.

3. Fire rated times: 30 minutes, 60 minutes, 90 minutes

4. Size & shapes: bespoke sizes and shapes

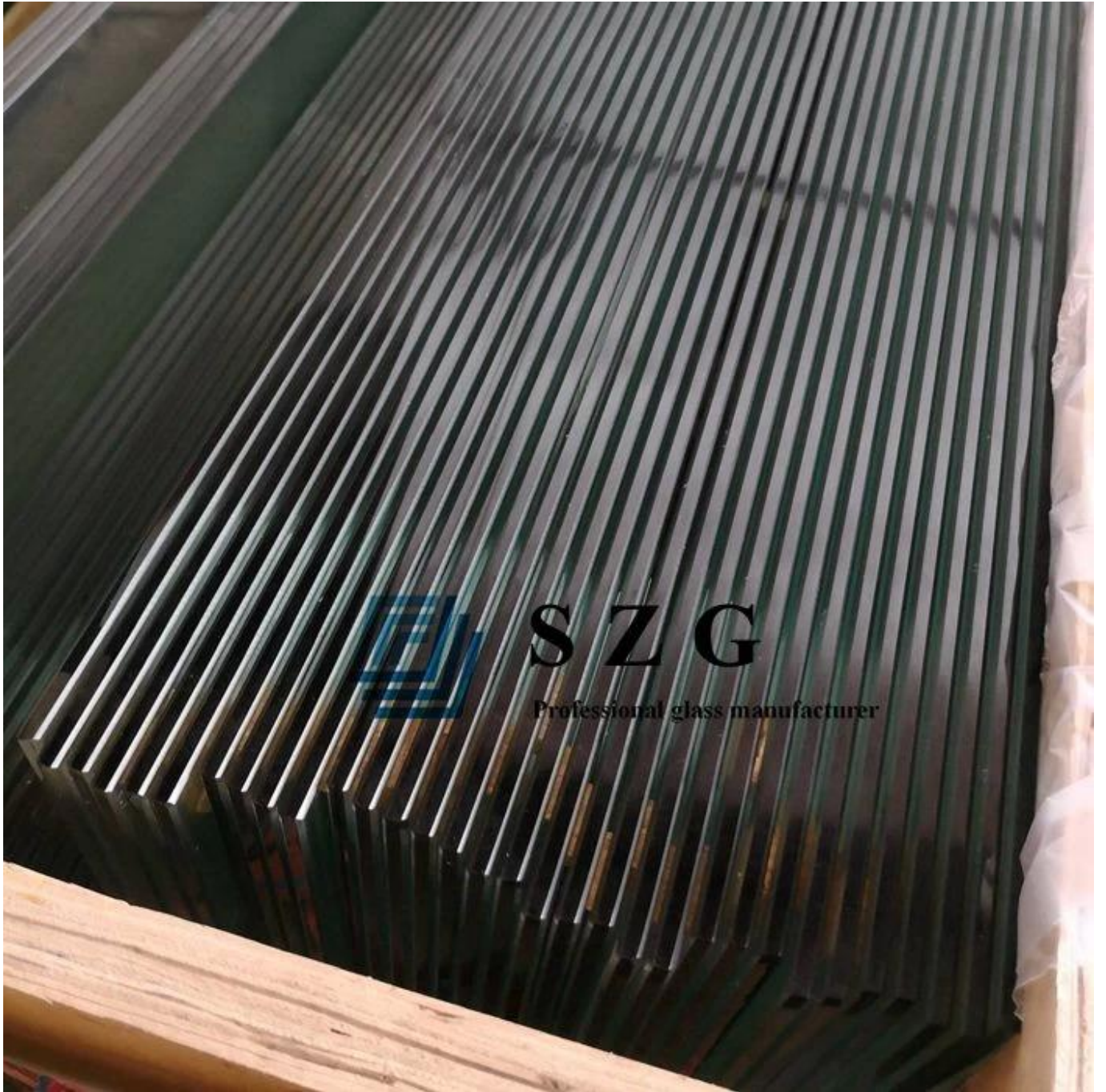
5. Glass substrate: 5mm clear float glass

6. Packing: durable, seaworthy plywood cases with foam protection inside

### **Applications:**

Fire-resistant glass is a fire rated glass constructed of single-layer glass. In a certain period of time to maintain the integrity of the fire, blocking the open fire and toxic and harmful gases, but does not have the heating isolation effect. Hence their mainly applicable to [outer curtain wall](#), outdoor window, lighting roof, smoke wall, fireproof glass frameless door, and partition wall without heat insulation requirements.

### **Packing:**



**S Z G**

Professional glass manufacturer

