

## 15mm Fire Rated Tempered Glass 60/90/120 Min fireproof glass

"Sun Global Glass" Fireproof Glass, has played an important role of anti-fire building materials, which mainly applied to control the spread of fire or smoke, is an effective measure of fire-resistant materials. It is a special glass product that has been specially process and let it maintain its integrity and heat insulation in specified refractory tests. Fireproof glass' substrate can be float glass, tempered glass, which have been coated the cesium potassium film and let them to be composite fire glass or single layer fire resistant glass.

In this section, SGG 15mm Monolithic cesium potassium fire glass are accord with the current standards both of domestic market and overseas market. The advantage of 15mm fire-resistant glass is not only can withstand high temperature, but also can be able to resist the rapidly changes in heat impact and temperature, it depends on the specific heat capacity of the glass (which can affect the rate of temperature rise). Thermal conductivity (heat through the glass rate and distribution) and thermal expansion, while single layer cesium potassium fire glass can withstand 300 °C to cold water quenching!



## **Specification:**

1. Glass product: 15mm Fireproof glass
2. Glass substrate: [15mm clear float glass](#), [15mm tempered glass](#), etc.
3. Fire resistant time options: 30 minutes, 60 minutes, 90 minutes, 120 minutes, etc.
4. The thermal conductivity: 1.13W / M °C
5. Thermal expansion rate:  $(8.5-9.5) * 10^{-6} / ^\circ\text{C}$
6. Water resistance in line with: ISO719-HGB, ISO720-HGA standard
7. Acid resistance: ISO1776 standard
8. Alkali compliance: ISO695-A standard

## **Advantages:**

1. 15mm Monolithic fireproof glass in addition to high strength, easy to install;
2. 15mm fireproof glass can bear high weather resistance
3. 15mm thickness Monolithic cesium potassium fire glass still have transparent appearance under the ultraviolet light and flame circumstance.

## **Application:**

15mm fire glass doors, 15mm heat resistant [tempered glass doors](#), 15mm heat resistant glass for fireplace, etc.