8mm fire resistance tempered glass--Advanced in fire-rated glazings

Fire resistant glass can slow the spread of high heat and flames for a specific period of time through partition walls or curtain walls. During a fire, stress caused by uneven heating on regular annealed glass results in quick breakage. Fire-rated glass is engineered to be insensitive to high temperatures and is tested tomeet a specific minute ratings that quantify how long it can withstand breakage during a fire. Fire glass is typically rated between 20 and 180 minutes.A well-selected integration of fire rated glass can effectively contain the effect of fire, with the result of great protection for building inhabitants during an evacuation and less structural damage.

Specification:

1.Glass name: 8mm Fire resistant glass

2.Other name: 8mm monolithic fireproof glass, 8mm fire resistance glass, 8mm fire rated glass, etc.

3.Glass substrate: one single layer tempered glass; two or triple laminated tempered glass

4.Other Thickness options: 4mm, 5mm, 6mm, 8mm, 10mm, 12mm, 15mm, 19mm,... 60mm, etc.

5.Glass size and shape: customized size and shape

6.Fire insulation time: 60 minutes, 90 minutes, 120 minutes, 180 minutes.

7.Glass substrate: **clear float glass**, tinted glass, reflective glass, etc.

8.Production time: within 14 days, after payment received

9.Packing: brand new, seaworthy wooden crates with foam protection inside. Each glass is lining corks separation.

8mm monolithic fireproof glass must be treated by chemically and physically, this procedure can make float glass can withstand high temperature heat and flame, but the glass still can keep complete and transparent in a specific period.

8MM Monolithic Fireproof Glass Features:

1.Fire resistant time: 60 minutes, 90 minutes, 120 minutes, 180 minutes.

2.Can withstand up to 1000℃ flame with a specific time, to keep glass complete, not broken or enclosure.

3.8MM fire rated tempered glass, not only has good performance on fire resistant, but also has all advantage for 8mm tempered glass, even higher than **8mm toughened glass**. Such as: the hardness, 8mm fireproof glass is 2-3 times than 8mm tempered glass, and 6-12 times than 8mm float glass.

4.When the 8mm fire rated glass broken, its fragment is small cube, that can max reduce the harmful to human being.

5.8mm monolithic fire proof glass are customized orders, can be ordered by standard size.

6.Processing services: drill holes, cut out, cut notches, polished edges, etc.

7.Processing capacity: can be applied to tempered glass, laminated glass, and insulated glass, and so on.

Glass Application:

8mm Fire rated glass can be applied to glass partition walls, **glass facades** on schools, hospitals, shopping malls, hotels, and other public places.