

# 防火玻璃

FireProof Glass

## 產品介紹：

近十年來，臺灣地區平均每年發生7720件火災，造成252人死亡，438人受傷，財物損失更高達三十億元以上，尤其近年來公共場所連續發生火災，如：論情西餐廳、神話世界、巨星鑽KTV、衛爾康西餐廳...，一再顯示當前公共場所安全問題的嚴重性。

公共場所係多數人出入、工作、購物、休閒娛樂之場所，由於可燃性物質普遍存在，用火用電設備大量使用，稍有不慎便可能引發火災危險；另一方面，縱火事故頻繁，更是令人防不勝防；再加上地震等天災可能引發火災之虞，公共場所的危險可說是時時刻刻存在，不可輕忽。

防火建築的最終目的，乃是著重於預防；區隔火場與防止延燒，且火災發生時人員能順利逃生，降低財物損失；但每次災後檢討時，有關的人員常會發現該建築物所使用的防焰材料、耐焰材料及防火構造材料，未能採用認證合格的品牌，加之消檢的把關亦未落實，使得劣質的建材充斥在建物上，一旦發生火災即造成重大傷亡。因此，預防工作絕對勝於爾後的補救。

## 特性：

1. 遮焰完整性 (Integrity)
2. 構造穩定性 (Structural Stability)
3. 高溫隔熱性 (Insulation)
4. 消滅輻射性 (Reduction of- Radiation)
5. 阻煙性 (Smoke Control)

## 用途：

需求性：採光、透視性、美觀、空間意境。  
 必要性：避難場所。



## Introduction :

Over the past decade, there are 7720 cases of fire occurred averagely in Taiwan every year. It causes about 252 deaths and 438 injuries, and the property damage is or even more than 3 billion TWD. Especially, there are fires occurred continuously in the public places in recent years, such as Lunqing restaurant, Mythology world KTV, Grand Star Diamond KTV, Weierkang restaurant, etc. Those cases repeatedly show the seriousness of safety problem in present public place.

The public place is the place where for most people to walk, work, shopping, leisure and entertainment. Because of the generally existence of flammable substances and the using of great amount of fire and electricity equipments, the fire may occur and cause danger from any careless action. In another side, the frequent arson accidents make people hard to prevent from the threat of fire as well. Moreover, the natural disasters, such as earthquake, are also possible to make the fire occurred. So the fire danger of public place is there in every moment, and shall not be ignored.

The final goal of the fire prevention of building focus on the precautions of fire, the partitions of the scene of a fire, and the avoidance of fire spreading. So the people can run for their life successfully and reduce the property damage. But in every review after the casualty, associated personnel often find that the flameproof materials, flame-resistant materials, construction materials for fire prevention of the building do not adopt certified and qualified brand. In addition, the check on the fire inspection is not practicable as well. In this case, it makes poor quality construction materials used on the buildings, and causes serious casualties while fire occurred.

For this reason, the prevention is better than the remedy after the casualty absolutely.

## Characteristics :

1. Integrity
2. Structural Stability
3. Insulation
4. Reduction of- Radiation
5. Smoke Control

## Applications :

- > Demand : Daylight, perspective, esthetic, artistic conception space.
- > Necessity : Shelter.



玻璃種類 Glass Type	厚度(mm) Thickness(mm)	防火時效(min) Fireproof prescription(min)	耐溫(°C) Heat durability(°C)
F120A	46	120	1010
F60A	29	60	925
F30A	25	30	840

\* 若您有特殊尺寸的需求，請聯絡我們

\* If you have any other special size requirements, please contact us.