

# 5 things you should pay attention to for properly using tempered glass



Although tempered glass has the advantages of high strength, high bending resistance, and high safety performance compared with ordinary glass. It is still easy to break when used improperly, so daily use requires more attention to increase the lifespan of tempered glass.

# 1, Protect the corners of tempered glass.

If there is damage to the corners of the [tempered glass](#), the risk of the glass exploding multiply increases. Because the stress points of tempered glass are all concentrated at the corners, the protection of the corners is particularly important. Be careful when using the damaged tempered glass at the corners.



[Protect the corners of tempered glass](#)

## **2, Avoid keeping tempered glass under pressure for a long time.**

For beautiful interior designing, many people will choose to use tempered glass as a tabletop. Generally speaking, tempered glass can bear pressure between 70MPa and 100MPa. If unnecessary, do not place heavy objects on the tempered glass table for a long time, to avoid the pressure value reaching the critical point and cause the tempered glass to break.



*Avoid keeping tempered glass under pressure for a long time*

## **3, Avoid uneven hot and cold**

## **environments.**

In extreme conditions, if high temperature and low temperature are applied to both ends of a piece of glass, 90% of the piece of glass will explode. For example, pouring cold water on a lit incandescent lamp will break the glass of the incandescent lamp.



*Avoid uneven hot and cold environment*

## **4, Keep tempered glass away from acid and alkali corrosion.**

Keeping away the tempered glass from alkaline substances such as sodium hydroxide ( $\text{NaOH}$ ) and hydrofluoric acid ( $\text{HF}$ ). The glass is mainly made of silica ( $\text{SiO}_2$ ), which will chemically react with the above substances





*Keep tempered glass away from acid and alkali corrosion.*

## **5, Avoid using sharp or hard objects to strike the corners of the glass.**

Because the stress points of the tempered glass are concentrated at the corners, once the glass corners is damaged, the explosion rate of the tempered glass will increase, so for the safety concern, do not use sharp and hard objects to hit the corners of the tempered glass.

**Do you have any other opinions?**  
**Welcome for discussion!**