

Tempered glass belong to the safety tempered glass, that Is the ordinary annealed glass cut into the required size 8-10MM, then it is heated to near the softening point of about 700 degrees, at last the rapid and uniform cooling is obtained. Usually 5-6MM glass heated at 700 degrees for about 240 seconds, Cool down for about 150 seconds. Glass heated at 700 degrees for 500 seconds or so, cool down for about 300 seconds.) In totally, according to the glass thickness is different, the choice of heating cooling time is also different. The formation of uniform compressive stress on the glass surface after tempering treatment, While the inside is the formation of tensile stresses, The bending and impact strength of the glass can be improved. Its strength is about four times more than that of ordinary annealed glass. Tempered glass, can not make any cutting, grinding and other processing, otherwise it will damage due to uniform compressive stress balance and smashed to pieces". Once the glass safety glass was broken into small cubes of debris, it is harmless to the human body.



Yujing fully tempered glass 4 - 5 times stronger than annealed glass of equal thickness. All work done on glass (beveling, cutting, bening, ect) must be done before tempering. Tempered glass is one kind of high - strengh glass with even compressive stress on the srface hich is made by heaating float

glass to nearly softening point and then cooling it down rapidly by air.















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