

## **5mm Low-E tempered glass+12A+4mm clear tempered glass insulated glass**

As one of the biggest architectural glass processing factories in China, we produce different types of customized glass, includes customized low-e tempered insulated glass. Today, we are glad to share with you insulated glass units which composition is 5mm low-e tempered glass+12A+4mm clear tempered glass, export to Aruba for energy efficient windows and doors.

### **First, let us talk about what is insulated glass?**

[Insulated glass](#) is a kind of energy efficient building materials, could help save air conditioner cost in the summer, and save heat cost in the winter, which is produced by combined two or more panes glass together and separated by aluminum spacer and sealed together at the edges.

The insulating airspace is filled with dry air or noble gas, such as argon or krypton inside to slow the heat exchange and reduce noise levels. The aluminum spacer is filled with silica desiccant pellets to ensure removal of any moisture in the airspace. The edges are sealed with very good sealant to make sure no leakage.

### **Second, why we use low-e glass on the insulated glass?**

[Low-E glass](#), or low-emissivity glass, was created to minimize the amount of infrared and ultraviolet light that comes through the glass, without minimizing the amount of light that enters inside. And the Low-E glass has a microscopically thin coating that is transparent and reflects heat, which could keep the temperature in indoor consistent by reflecting the interior temperatures back inside.

In a word, use the low-e glass on the insulated glass, could make sure the high light transmittance, and reach the high performance of energy efficiency, so it is more and more popular to use on the both commercial or residential buildings like windows, doors, exterior curtain walls, etc.

**With the low-e glass, the insulated glass could see outside clearly from inside, but the outside could not see the inside clearly from outside**



### **Third, specification of 5mm low-e tempered glass+12A+4mm clear tempered insulating glass**

Thickness	5+12A+4mm total 21mm
Size	custom cut size, max 2440x3660mm
Color	light gray
Features	energy efficient, solar control, thermal control, sound control, UV control, etc.
Quality	no bubbles, no defects, super flat and smooth surface, 100% very good sealed
Packing	all the glass pack in export plywood crates as strong as possible
Production time	10-15 days after order is confirmed

### **Forth, why to purchase insulated glass from us?**

- With over 20 years in the glass industry, advanced machines, and skillful workers, we have rich experience to produce the high quality glass products;
- With the experience to ship out hundreds of containers to over 500 clients, we well known how to deliver the glass for you without any damage;
- With 20 professional [sales engineers](#), could discuss your detail enquiry seriously, to make sure produce the 100% correct glass for you.

### **Strict quality inspection for every piece glass**



**Insulated glass strong packing and loading**





