

## **28mm euro grey tempered Low-e laminated insulated glass ,6mm+16A+6mm igu glass panels , toughened double glazing glass used commercial buildings**

Double glazing glass, also known as insulating glass, Insulated glass is made by two or more layers of Low-E glass, tempered glass, clear or tinted reflective glass or normal clear or tinted glass. The space between the glasses is field with air or argon and sealed with sealants and aluminum spacers. Normally, the glass is tempered or laminated to ensure safety.

Double glazing glass is widely used for windows and doors, facades and curtain walls as well as places where the constant temperature and moisture, sound and heat insulating are needed.

### **Why to choose low e glass for insulated glass**

Low- e glass has a microscopically thin, transparent coating ,the aim of the coating will reflect the heat back to inside of the building to prevent heat and keep the indoor climate at an even temperature. the coating has different variety of color, the color has clear, bronze, grey, blue, green,amber, purple, orange, etc

In hot summer, the low-E glass with solar control function can absorb the short-wave radiation energy from the sun.It can re-radiate the heat to outside the facade.because of low e glass to help keep homes cooler in the summer and keep warmer in winter , It also called be energy -conservation glass .

### **Product features**

#### **1 More strength performance**

Low-e laminated Insulated glass consist of two tempered glass panels, so it 's 5 times harder than ordinary float glass, stronger resistance to thermal breakage than annealed or heat strengthened glass

#### **2 Heat insulation performance**

Heat insulation performance of insulating glass is the most ideal among all processed glass products available in market. Heat transfer coefficient U value can be effectively reduced by insulating glass.

#### **3 Sound- insulated performance**

These noises is usually between 1000-2000 Hz in city. The dry air in the insulating glass can efficiently prevent the dissemination of the sound wave.

#### **4 Energy conservation efficiency**

High reflectivity of far and medium infrared ray with low U value keeps heat radiation from passing through the glass. Low-E glass can reflect most of the heat back. So the temperature of the room will be quite stable.

#### **5 Guards against the condensation performance**

There is no transmitter between two pieces of glass thus the middle of the two glass air is dry and stable. So the glass won't fog.

### **Specification:**

Glass name:	Tempered Low-e laminated Insulated glass
Size:	Max: 3300mm*13000mm, customized size

Single glass thickness:	3-19mm
Glass color:	Clear, ultra clear, grey, green, blue, bronze
Glass Type:	annealed or toughened clear, Low-e, tinted, reflective, low-iron, screen printing, laminated low-e glass, heat strengthened insulated glass, etc
Aluminum Spacer:	6a, 9a, 12a, 16a (1/4", 11/32", 1/2", 5/8")
Spacer Fill:	Dry Air, noble gas like Argon, etc.

### **The sample of tempered Low-e laminated Insulated glass**





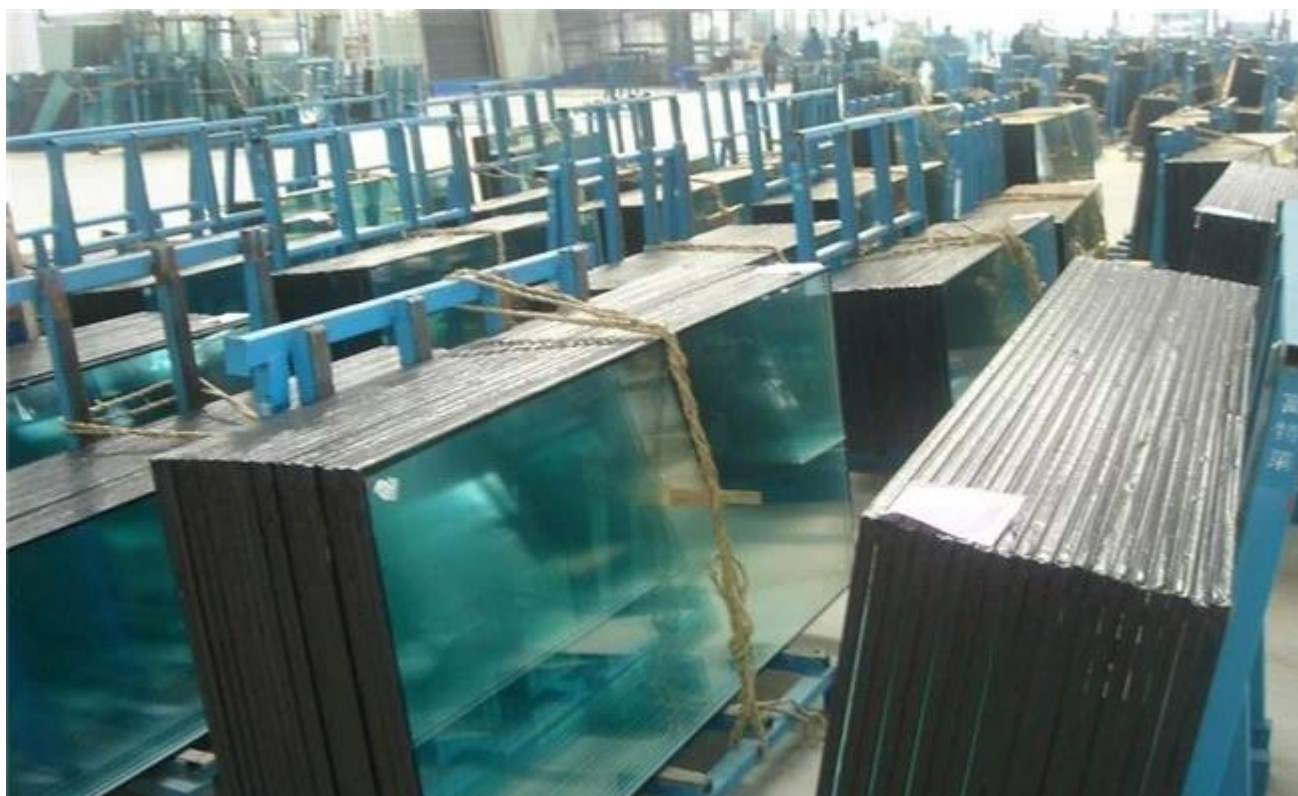
#### **Application show**

- **External use of windows, doors, skylight, roof, curtain wall, etc.**



**Product line**





**Packing**

