

Insulated glass(double glazing) is made of two or more pieces of glass sheets and use sealant gumming glass piece and aluminum spacers which was filled with desiccant together. insulated glass with the perimeter of the spacer that gets in contact with the glass is properly sealed with primary and secondary sealants to ensure its air tight. Due to its perfect sound insulation and energy saving performance, the modern most popular used glass would be blow hollow glass. Jing Glass is the Insulated Glass/ double glass china factory and supplier company.

Reference standard: ASTM E2190, DIN BS EN 1279-5:2005, JIS R 3209, GB/ T 11944

Chemical composition of Double Glazing Glass Material ASTM E2190 America Standard

America	SiO ₂ (%)	CaO(%)	MgO(%)	Al ₂ O ₃ (%)	Fe ₂ O ₃ (%)	R ₂ O(%)
ASTM E2190	70~73	7~12	1.0~4.5	0.2~2.0	0.08-0.17	13-15
Europe						
DIN BS EN 1279-5-2005						
China						
GB/T 11944 —2002						
Japan						
JIS R3202						

Form of Supply

For Insulated glass(double glazing), we can supply the round sheet, flat bar, plate, and square block. Glass Shape can be cutting to your required lengths and size as one offs or multiple cut pieces. Glass Panel sheet, Cured can be supplied, providing a quality precision finished bar to tight tolerances.

Applications of Insulated glass (double glazing)

As a high quality Energy-saving glass, double glazing applied to windows glass, door, Curtain wall, Insulation room. And For buildings that require heating, air conditioning, protection against noise or condensation, and the need for direct sunlight and special light. Widely used in residential,

restaurants, hotels, office buildings, schools, hospitals, shops and other occasions where the need for indoor air-conditioning. Can also be used for trains, cars, ships, freezers doors and windows, subway, and so on.

Supply Range of double glass (insulated glass)

Thickness of double glazing:

Maximum Size	Width 3200mm * Length 6000mm
Minimum Size	200*300mm
Thickness	3-19mm, special thickness, pls contact our sales-engineers
Spacer Thickness	6mm, 9mm, 12mm, 15mm, 16mm, 19mm
Regular Size	5+9A+5 5+9A+5 low-e 5+9A+5 coated 5+12A+5 5+12A+5 low-e 5+12A+5 coated 5+16A+5 5+16A+5 low-e 5+16A+5 coated 5+20A+5 5+20A+5 low-e 5+20A+5 coated 5+24A+5 5+24A+5 low-e 5+24A+5 coated 6+12A+6 6+16A+6 low-e 6+12A+6 coated 6+24A+6 6+24A+6 low-e 6+24A+6 coated 5+12A+5+12A+5 5+12A+5+12A+5 low-e

Others have not specified size, pls contact our experienced sales team.

Tempered of double glass - insulated glass sheet for double glazing

First clear the float glass surface, Then Put into Tempering furnace ,Fast Heat to 600-630 °C, keep the temperature to heat thoroughly. Then Delivery the cool furnace, quick cool by the cool wind.

Different thickness glass, then heat time and cool speed is different. Some reference data as below:

Glass thickness mm	Heat temperature °C
4	705-715

5-10	700-710
12	690-695
15	680-685
19	670-675

Processing the Tempering Glass (Toughened) double glazing

We Provide the float glass cutting, Milled, polishing and make drill bar,drill hole, bending / Curved glass, Etc.

If you have any inquiry and problems, Please don't hesitate to discuss with us.

Contact us:

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