

## **SGG 6mm+15A spacer+6mm low e insulated glass**

### **-SOUND PROOF GLASS & HEAT INSULATION GLASS & SOLAR ENERGY SAVING GLASS BUILDING MATERIAL**

31mm low e Insulated Glass is made by [6mm low e glass](#) and [6mm tempered glass sheets](#) and and bonded with 15mm aluminum frame ,the air space can be filled with air or argon,each edge of IGU(insulated glass units) sealed with high strength sealants that can perfectly avoid vapor water penetrated,the most of advantages of insulated glass is reduce thermal losses,lower energy consumption,with the high efficient energy saving and thermal remain,it can save a lot home application consumption. The insulated glass is a kind of solar energy glass and use widely in modern buildings.

#### **Specification of insulated glass:**

Glass thickness: 16mm insulated glass,18mm insulated glass,19mm insulated glass,21mm insulated glass, 22mm insulated glass,24mm insulated glass,25mm insulated glass,26mm insulated glass,28mm insulated glass,29mm insulated glass,30mm insulated glass,31mm insulated glass,32mm insulated glass,35mm insulated glass,36mm insulated glass,40mm insulated glass etc

Spacer thickness: 6A insulated glass,9A insulated glass,12A insulated glass,15A insulated glass,20A insulated glass

Gas: Air gas insulated glass, Argon gas insulated glass

Min size: 200x200mm

Max size: 3300x12000mm

Bicomponent ( structural seal and PIB) for secondary sealant

#### **Length or width tolerance (mm):**

$L/W < 1000 \pm 2.0$

$1000 \leq L/W < 2000 +2, -3$

$L/W \geq 2000 \pm 3.0$

#### **Thickness tolerance (mm):**

$T < 17 \pm 1.0$

$17 \leq T < 22 \pm 1.5$

$T > 22 \pm 2.0$

#### **Types of insulated glass:**

1.float insulated glass, mostly use as glass window

2.Tempered insulated glass

3.Reflective insulated glass

4.Low e insulated glass

### **Features of low e insulated glass:**

1.Low e insulated glass have very good energy saving effect. In order to make the effect of energy better, people can make the window opening bigger.

2.Low e insulated glass have rich color and good artistic performance.

3.Low e insulated glass can improve indoor environment. Hollow glass can intercept the sun and prevent the heat caused by radiation discomfort and reduce sunset sun caused dizziness.

### **Application:**

Insulated glass use widely in architecture, see as below:

1.Glass window and glass door,glass partition

2.Glass curtain wall,glass facade,glass wall

3.Glass railing,glass balustrade,glass fence etc

### **Quality:**

Our insulated glass are produced strictly follow the quality system ISO9001 and meet following standards:

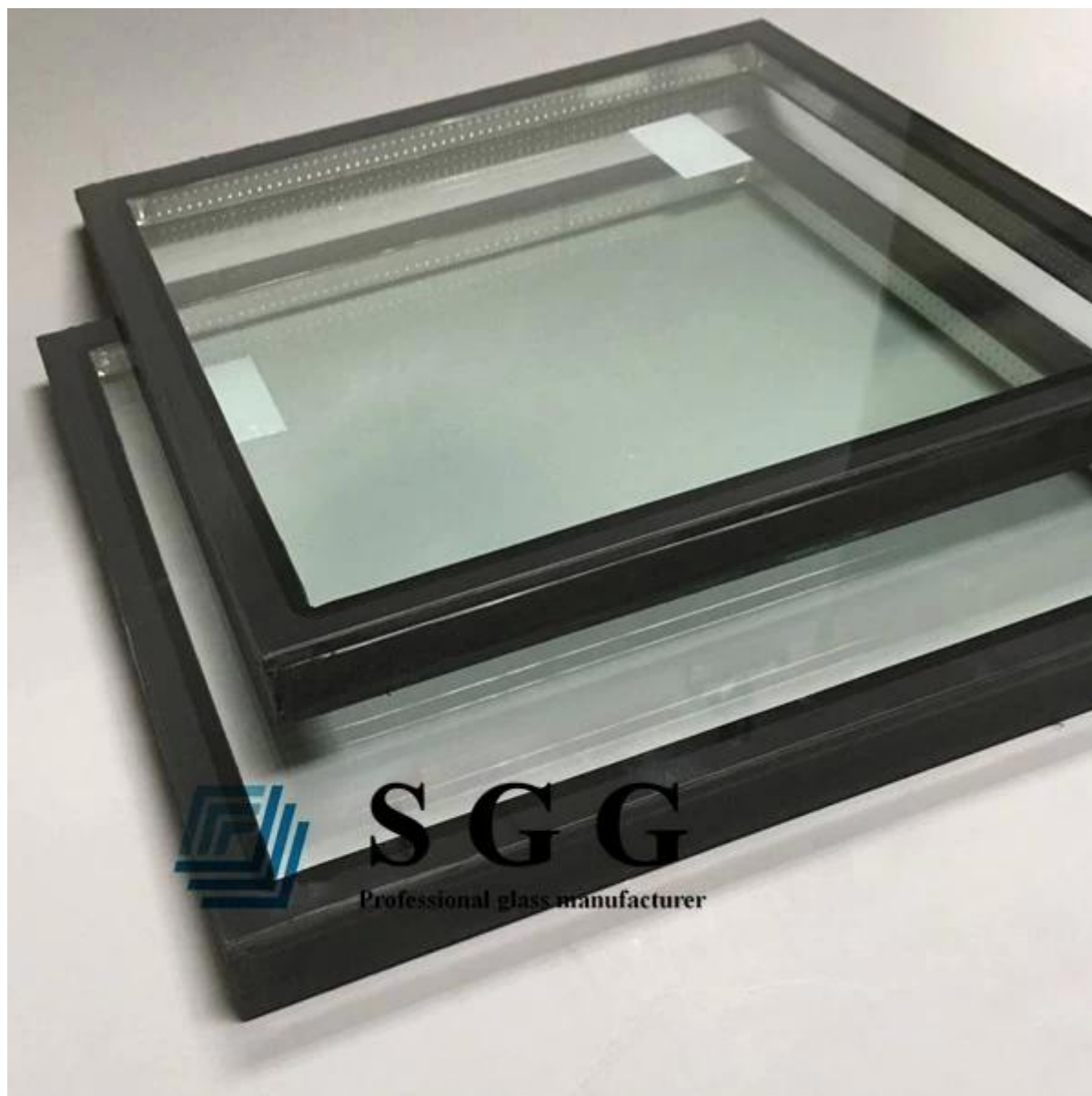
1. CCC standard(Chinese Safety Glass Compulsory Certification)

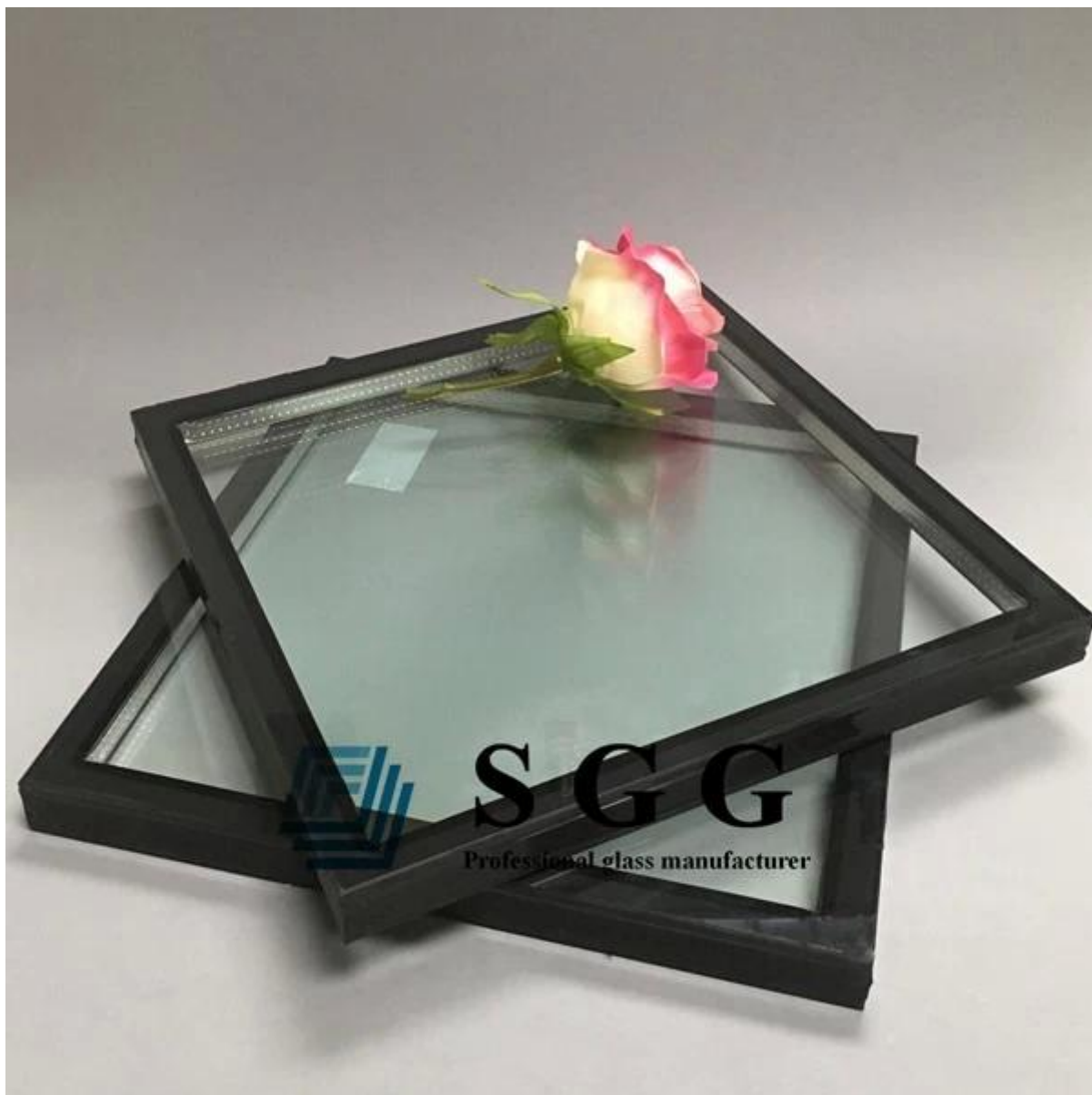
2. China Insulated glass quality standard GB11944

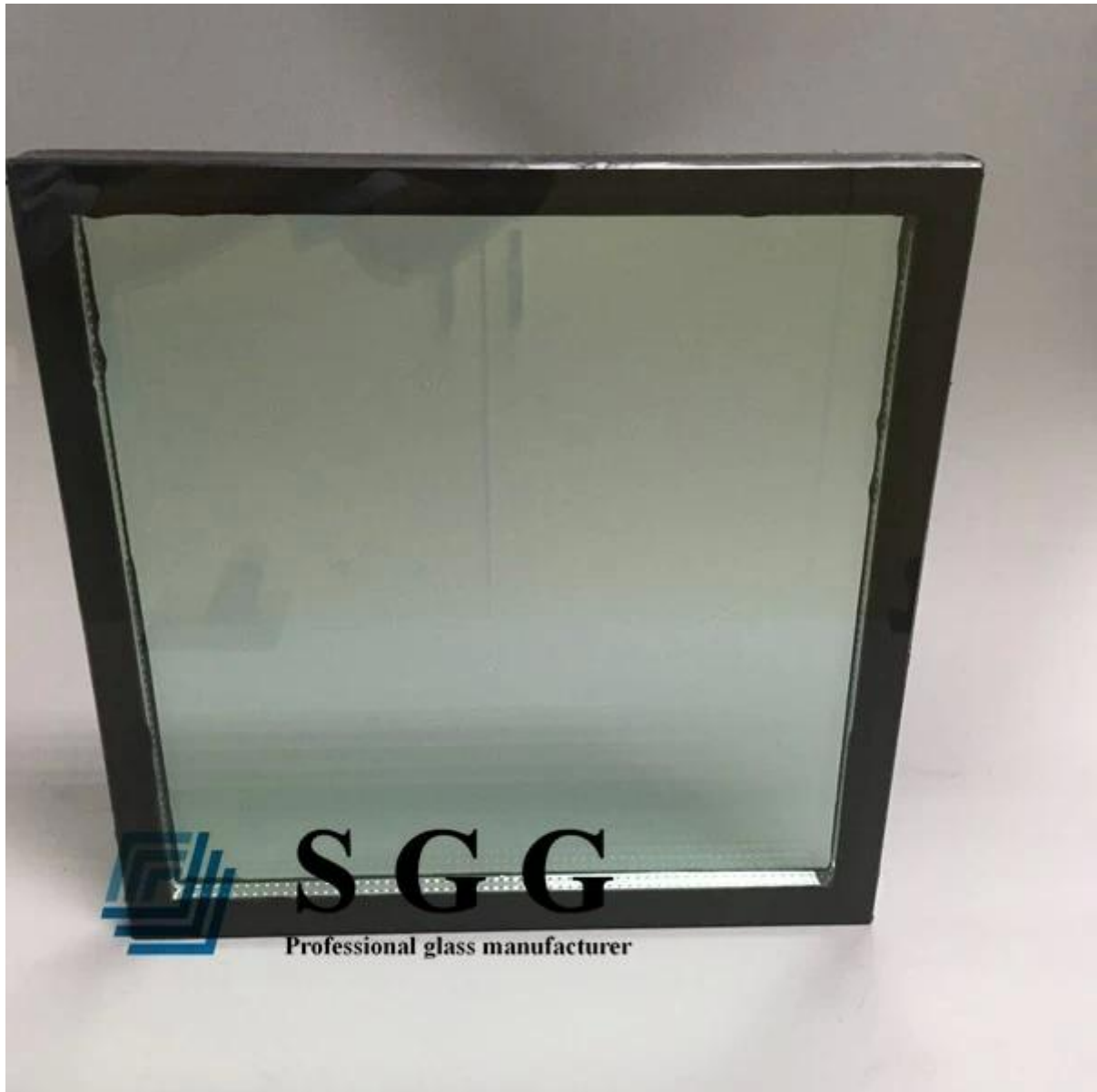
3. European safety glass quality standard EN12150

**Product Details:**

**Product pictures of 31mm low e insulated glass:**







**low e insulated glass performance:**

SGG ONLINE LOW-E IGU GLASS DATA										
Single 2 #	Thickness	可见光Visible Light			阳光Solar Energy			U值	太阳得热系数	遮阳系数
		LT%	LR%		投射率 %	反射率 %	UV透射率%			
Monolithic	mm	Transmittance	Outside	Inside	Transmittance	Reflectance	TUV	U Value	SHGC	SC
Clear glass +12mm spcaer + SGG LOW-E GLASS Same Thickness, 2#	3	75	17	18	59	15	45	1.9	0.65	0.75
	4	74	16	17	56	14	42	1.9	0.63	0.73
	5	74	17	17	55	14	41	1.9	0.63	0.73
	6	73	16	17	52	13	37	1.8	0.62	0.71
	8	71	15	16	47	12	32	1.8	0.58	0.67
	10	69	15	16	43	12	29	1.8	0.56	0.64
	12	68	15	16	39	10	28	1.9	0.54	0.62

### Production Line:



### Package and Loading:







**Our promise is that you receiving 6mm+15A+6mm low e insulated glass with high quality and safety condition from us.**