

SGG 6mm+12mm spacer+6mm low e insulated glass- SOUND PROOF GLASS & HEAT INSULATION GLASS & SOLAR ENERGY SAVING GLASS BUILDING MATERIAL

Insulated Glass is made by [6mm low e glass](#) and [6mm tempered glass sheets](#) and bonded with 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 penetration, the most 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. So the insulated glass is a kind of solar energy glass.

Specification of insulated glass:

Glass thickness: 5mm+5mm insulated glass, 6mm+6mm insulated glass, 8mm+8mm insulated glass, 10mm+10mm 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):

$T < 17 \pm 1.0$

$17 \leq T < 22 \pm 1.5$

$T > 22 \pm 2.0$

Features of insulated glass:

1. Energy saving effect: The opening of windows is bigger, the solar energy saving effect will be better.
2. Rich color and good artistic performance: Insulated glass have a variety colors, and achieve best artistic effect.
3. Improve indoor environment: insulating glass can intercept the sun and prevent the heat caused by radiation discomfort and reduce sunset sun caused dizziness.

Application:

Insulated glass mostly use in architecture, show as following areas:

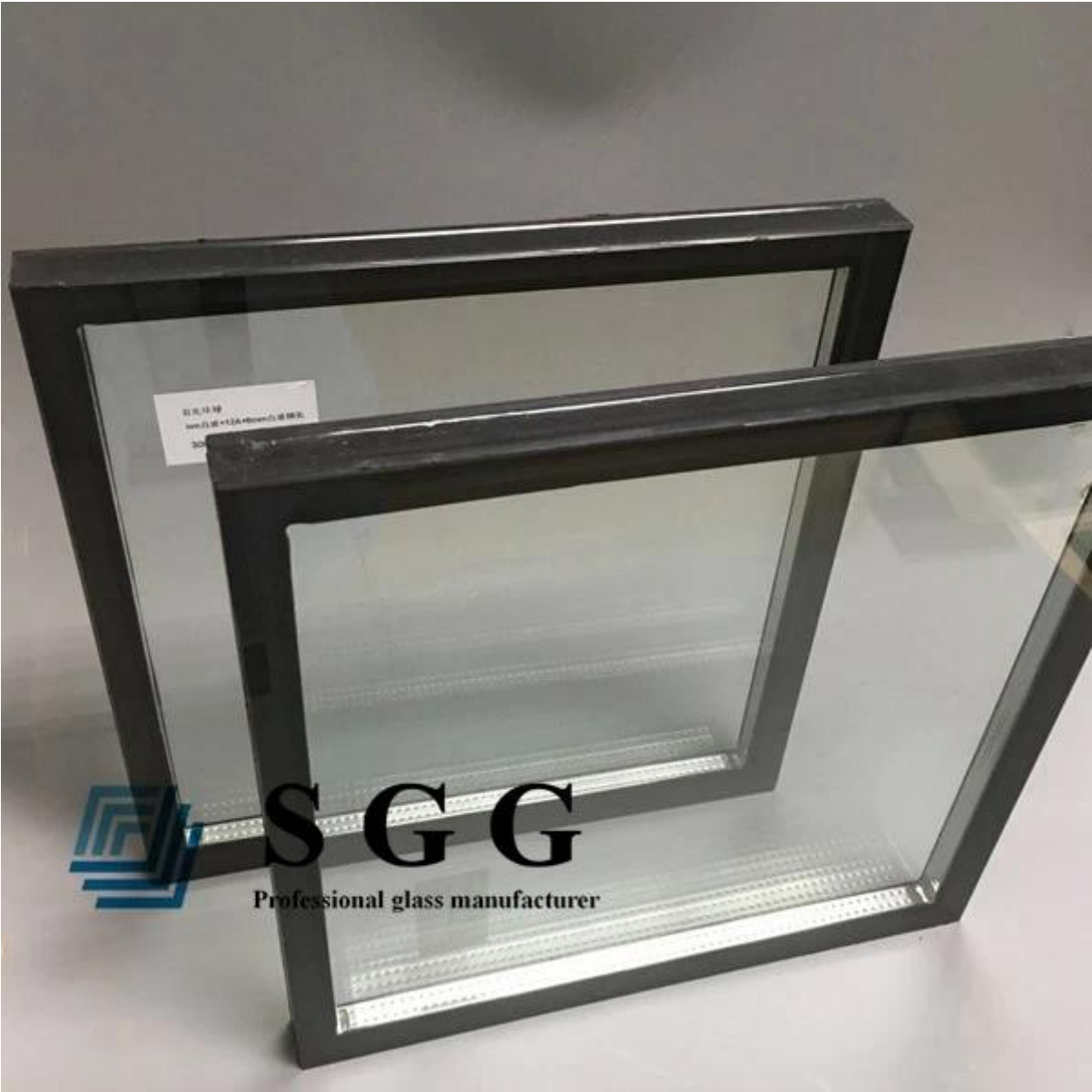
1. Glass window and glass door
2. Glass curtain wall and glass facade
3. Glass railing etc

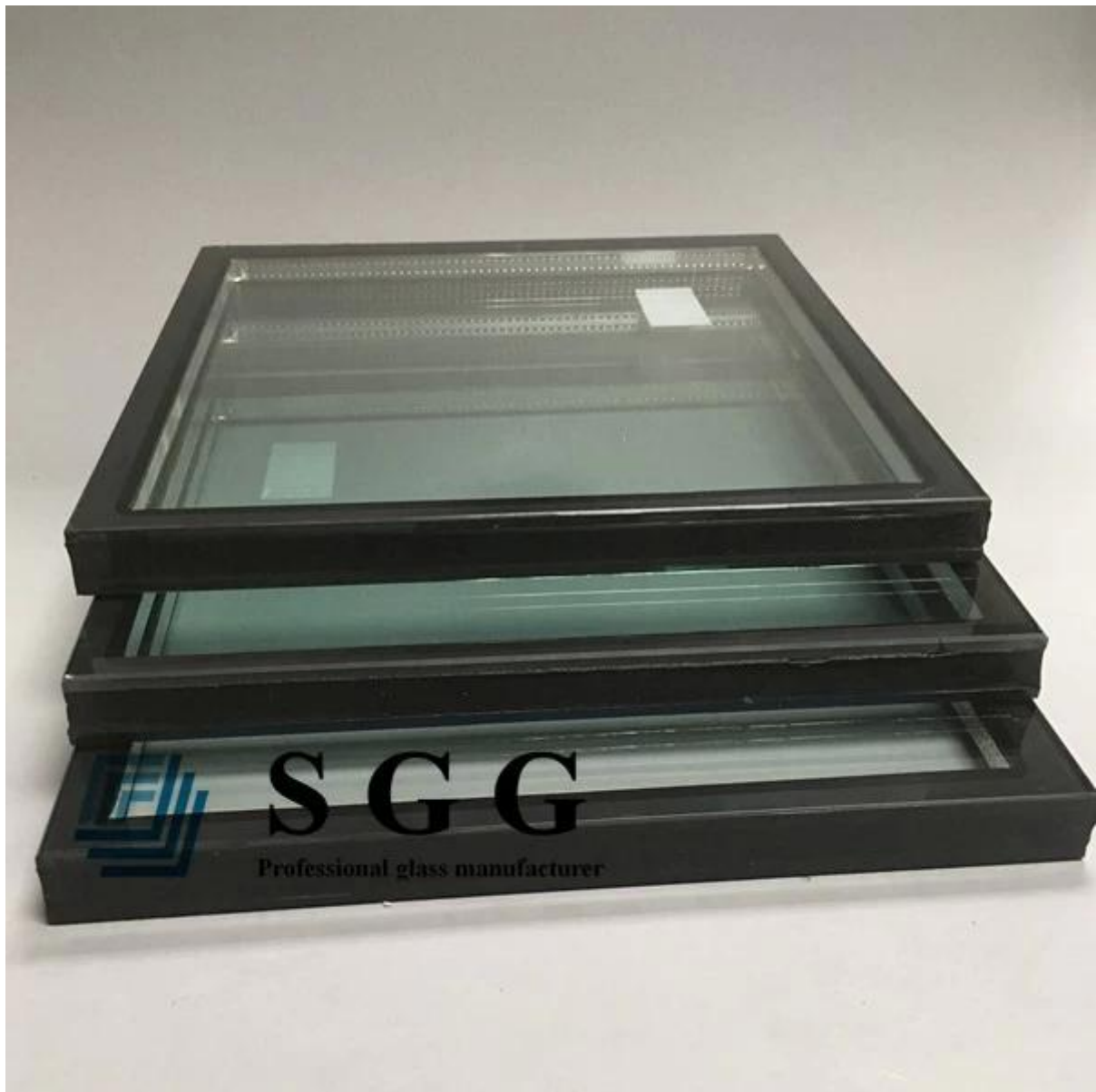
Quality:

Sun Global Glass insulated glass meet CCC standard (Chinese Safety Glass Compulsory Certification), China Insulated glass quality standard GB11944, European safety glass quality standard EN12150 etc. Our insulated glass are produced strictly follow the quality system ISO9001.

Product Details:

Product pictures of 24mm 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%			
			Transmittance	Outside						
Monolithic	mm	Transmittance	Outside	Inside	Transmittance	Reflectance	TUV	U Value	SHGC	SC
Clear glass +12mm spacer + 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+12A+6mm low e insulated glass with high quality and safety condition from us.