

## **Building glass factory high quality flat and curved structural facade insulated curtain wall glass**

### **What is the whole-glass curtain wall?**

The whole-glass curtain wall is a fully transparent, full-view glass curtain wall. Using the transparency of glass, for pursuit of the circulation and integration of the space inside and outside the building, helps people to clearly see the entire structural system of the glass through the glass, making the structural system from the simple support to the performance of its visibility, it shows the artistic, layered and three-dimensional sense of architectural decoration.

It has the characteristics of light weight, simple material selection, processing factory, quick construction, convenient maintenance and repair, and easy cleaning.



### **Advantages of KXG Glass curtain wall glass:**

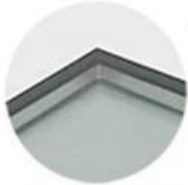
Different choices: as we all know curtain wall glass have different glass matched into one glass, so for different functions, we support different client for their different custom.

High quality: we use high quality materials and top grade float glass for curtain wall, make sure our curtain wall glass intactly deliver to our client hands.

Certificates support: For Europe market, we make CE certificates for businesses, for USA market, we make SGCC certificates for more businesses.

Best sillicion sealant maker: Dow Corning®

Best quality & high performace low-e coating



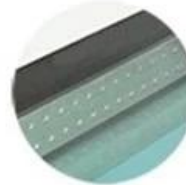
Hermetically double sealed



Sufficient thickness  $\geq 9\text{mm}$



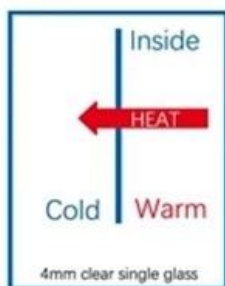
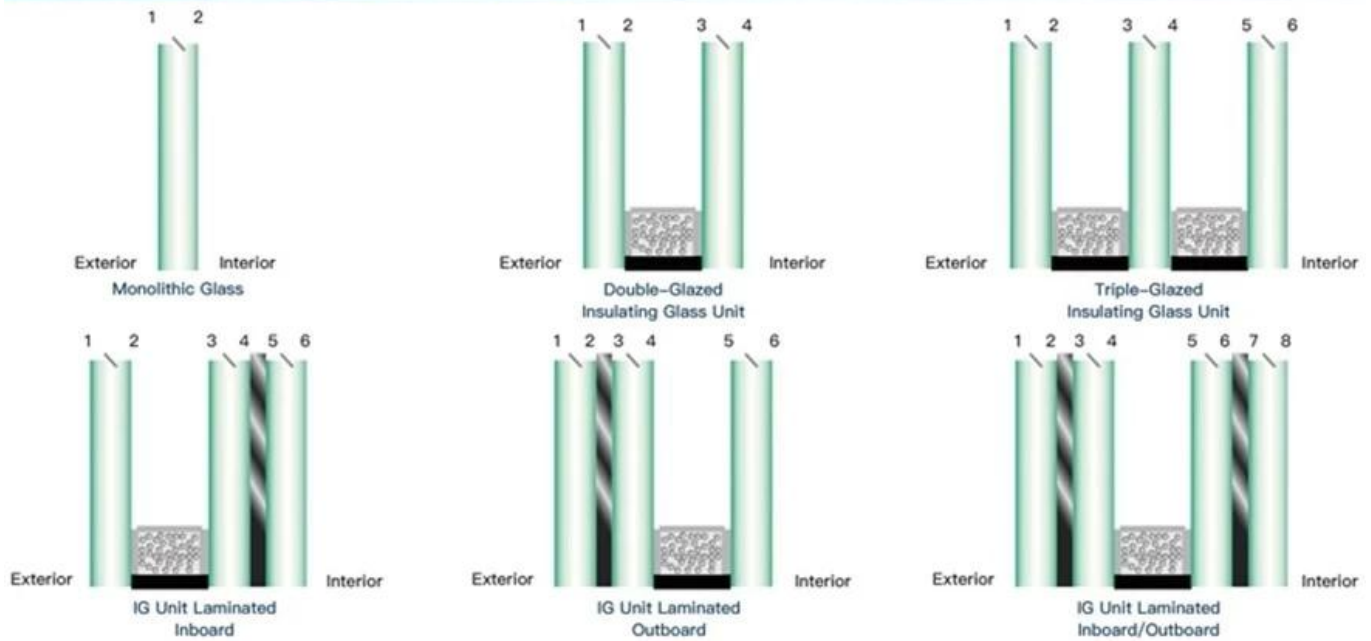
Neat sealant work



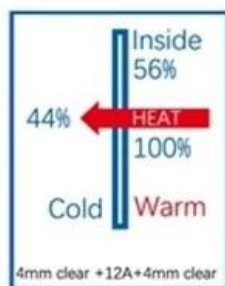
Aluminum sapcer bar  
Warm edge space bar  
Stainless steel space bar



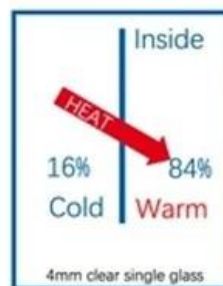
# Multiple combinations



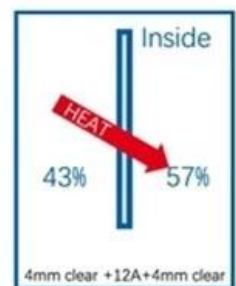
Standard 4mm glass offers little resistance to heat loss  
U-Value 5.9 (insulation)



Insulated glass unit reduce heat loss by up to 56%  
U-Value 2.7 (insulation)



Standard 4mm clear glass offers little resistance to heat gain  
SHGC 0.84 (solar impact)



Insulated glass unit using tinted glass can reduce heat gain by 27% (solar impact)

## KXG Glass curtain wall glass features:

1. Solar control: It helps to keep the room warm in winter while keep cool in summer.
2. Glass Option: such as clear curtain wall glass, tinted curtain wall glass, reflective curtain wall glass, silkscreen curtain wall glass, ultra clear curtain wall glass etc.
3. Sound proof: The insulated glass can lower the voice decibels
4. Heat proof: The gas blocked in the glass is a poor heat transmitter that can reduce the heat transission.



# Parameters Table

NO.	Tinted/Reflective Glass Color	Product Name	Visible			Solar		U values		Shading Coefficient (SC)
			Visible Trans (%)	Visible Reflect(%)		Solar Trans (%)	Solar Reflect (%)	Winter Nighttime W/m <sup>2</sup> K	Summer Daytime W/m <sup>2</sup> K	
				Indoor	Outdoor					
1	light green tinted	6mmFL	75	11	6	46	7	5.81	5.24	0.69
2	light green reflective	6mmFLM	25	34	26	35	19	5.84	5.27	0.40
3	dark green tinted	6mmZRL	65	6	11	54	5	5.24	5.12	0.76
4	green reflective	6mmZRLM	25	25	24	40	23	5.81	5.24	0.44
5	light green reflective	6mmFC	68	11	9	47	11	3.70	3.60	0.54
6	blue tinted	6mmFTL	55	12	7	47	6	6.10	5.80	0.71
7	blue reflective	6mmFTLM	20	21	21	37	20	5.80	5.24	0.42
8	dark blue tinted	5mmBSL	48	11	6	47	6	5.90	5.60	0.68
9	dark blue reflective	5mmBSLM	25	23	13	43	18	5.84	5.27	0.59
10	blue tinted	6mmHYL	56	11	6	54	7	5.98	5.40	0.63
11	blue reflective	6mmHYLM	24	17	16	24	17	5.80	5.24	0.48
12	light blue tinted	5mmSJL	75	12	7	59	7	6.94	6.72	0.76
13	light blue reflective	6mmSY	68	9	6	52	10	4.10	4.00	0.68
14	light grey tinted	6mmLH	64	6	6	57	6	5.81	5.24	0.79
15	grey tinted	6mmEH	45	5	5	43	5	5.81	5.24	0.69
16	dark grey tinted	6mmLXH	44	6	6	42	6	5.98	5.24	0.68
17	dark grey reflective	6mmLXHM	20	14	12	27	13	5.81	5.24	0.47
18	brown tinted	6mmHC	44	5	5	43	5	5.81	5.24	0.68
19	brown reflective	6mmHCM	22	14	44	32	10	5.81	5.24	0.57
20	brown tinted	6mmJC	36	6	6	35	7	5.81	5.24	0.58
21	brown reflective	6mmJCM	21	16	45	30	12	5.81	5.24	0.48
22	golden reflective	6mm24K gold	22	33	50	29	32	5.47	5.22	0.46
23	golden reflective	6mm18K gold	37	35	29	45	34	5.22	4.62	0.52
24	dark black tinted	5mmDB	5	32	28	5	28	5.98	5.24	31.50
25	silver gray reflective	6mm5Y	50	22	18	45	15	5.46	4.87	0.65
26	silvery reflective	6mmYBM	45	38	36	52	28	5.80	5.24	0.64
27	clear	6mmC	89	7	6	81	7	5.81	5.24	0.98
28	super clear	6mmCH	91	8	7	89	8	5.81	5.25	1.04
29	Silver mirror	6mm	0	83	2	0	83	/	/	/
30	High transparency	6mmPG	81	11	6	65	11	3.70	3.50	0.79

Tips: Please contact with our sales before purchase to confirm whether we have stock at present.



**Structural style**

Hidden frame

Semi hidden frame

Exposed frame

Dot mode

All glasses type

