

GLORIOUS  
FUTURE

**GLOBAL CUSTOMIZED  
GLASS MANUFACTURER**

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**Glorious Future Glass Group**

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30 YEARS EXPERT IN CUSTOMIZED GLASS

# CONTENT

## Specializing in glass, leading future

— Culture

Mission

Excellent glass all over the world

Vision

Be influential glass enterprise to enhance happiness for people

Values

Honestly to do / Keep ambition  
Go all out for cause / Positive Development

### PART1

#### BRAND BORN IN SPECIALIZATION

##### Enterprise introduction

Architectural glass and rail transit glass

##### Development course

experience accumulation & innovation development

### PART2

#### SPECIALIZATION CREATES VALUE

##### Multi-tech process

for customized glass

##### Quality

Detail is our promise

##### Technical Service

Professional is our best service

### PART3

#### PROFESSIONAL TEAM TO ENSURE BEST QUALITY

##### Developing team

30 years focus & innovation

##### Lean Management

combination for system & details

##### Quality Certificates

Globalization certificates & Invention patents

### PART4

#### PROFESSIONAL PRODUCT SERVES WHOLE WORLD

##### Architecture projects

Rail transit projects

01  
PART 1

# Brand born in specialization

For the three decades in glass processing, to create every achievement by heart and record every change.

On the way to the glory, we are always to measure the distance to dreams by solid step, Realized self-transcendence again and again.

### Enterprise introduction

Architectural glass and rail transit glass

### Development course

experience accumulation & innovation development

## ENTERPRISE INTRODUCTION

### Focus on customized glass 30 years

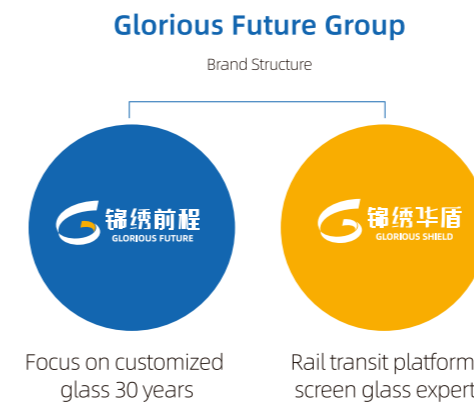
Glorious Future Glass Group is an enterprise that provides glass design and production service for global architecture engineering and rail transit engineering. There are two major independent brands, Glorious future for the architectural glass field and Glorious Shield brand for rail transit glass field. The company has two production bases in Qingdao and Cangzhou, equipped with advanced production lines such as tempering, insulating, laminating, ceramic fritted and low-E coating etc.

The company also worked with Italy Orbitalia, Vincent as agent to provide grinding wheels and cutter tools to China market.






The core team in Glorious future worked in glass field over 30 Years, including glass optics, inorganic molecular materials, architectural structure design, processing technology, they led Glorious Future to stand at the forefront of the glass industry, refers to energy-saving safety glass, Jumbo plate special glass, platform screen door glass and other high complex glass.

Glorious Future among the top 30 in glass processing of China. And it was awarded "little giant" enterprises by the MIIT in 2021. Company passed quality systems and related product certificates, such as ISO9001, CE, AS/NZS2208:1996, SGCC etc. Glorious Future has sold glass over 100+ countries.

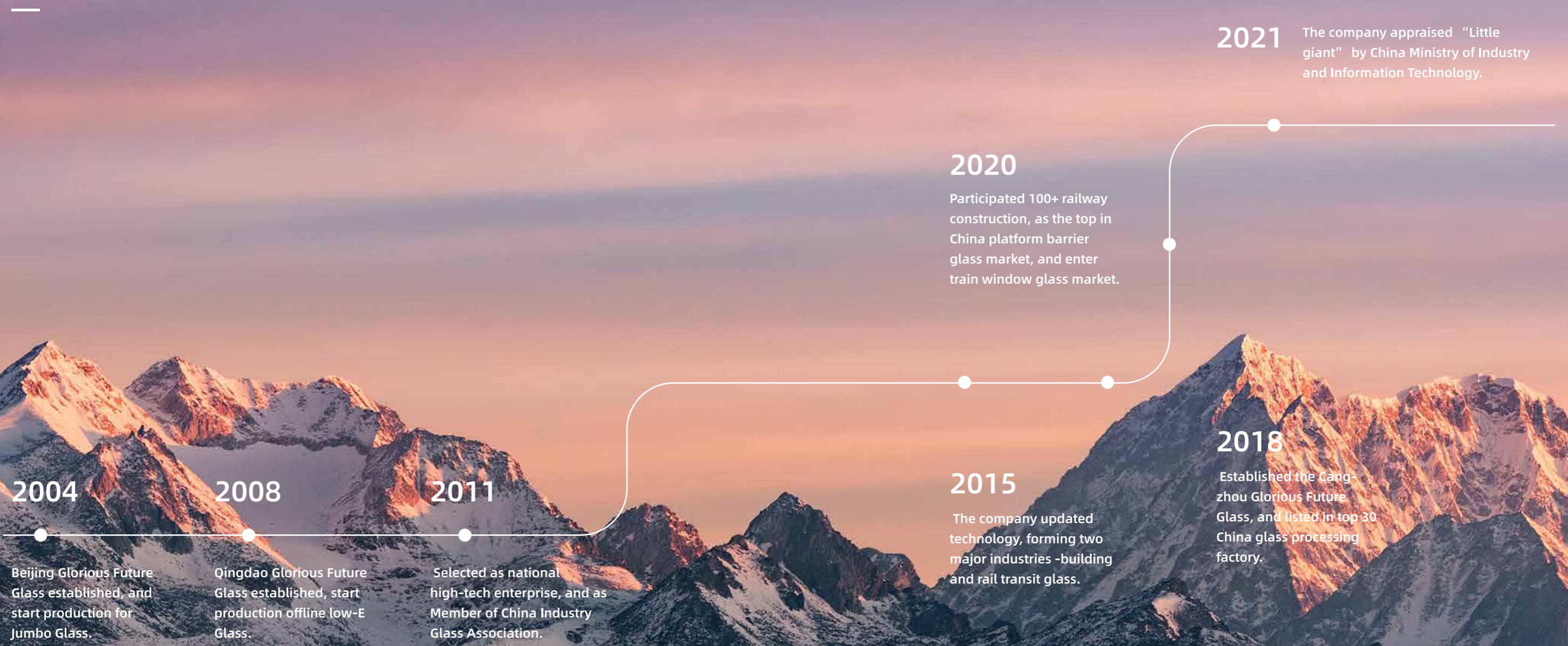
The company has a vision of "excellent glass all over the world" and adheres to the values of "Honestly to do, Keep ambition, Go all out for cause, Positive Development". Seeking win-win cooperation, common development, and supplying excellent products and services to global customers. We are committed to becoming an "influential glass enterprise that enhances human happiness".



### 5E Diamond system

-  Focus on customized glass 30 years
-  Exquisite process for quality
-  Quality control for excellence
-  Advanced equipment to support
-  One-stop customization

# Development course



# 02 PART2

## Specialization creates value

Multi-tech Process System, for providing the complete technology service, to match one-stop requirements service.

**Multi-tech process**

for customized glass

**Quality**

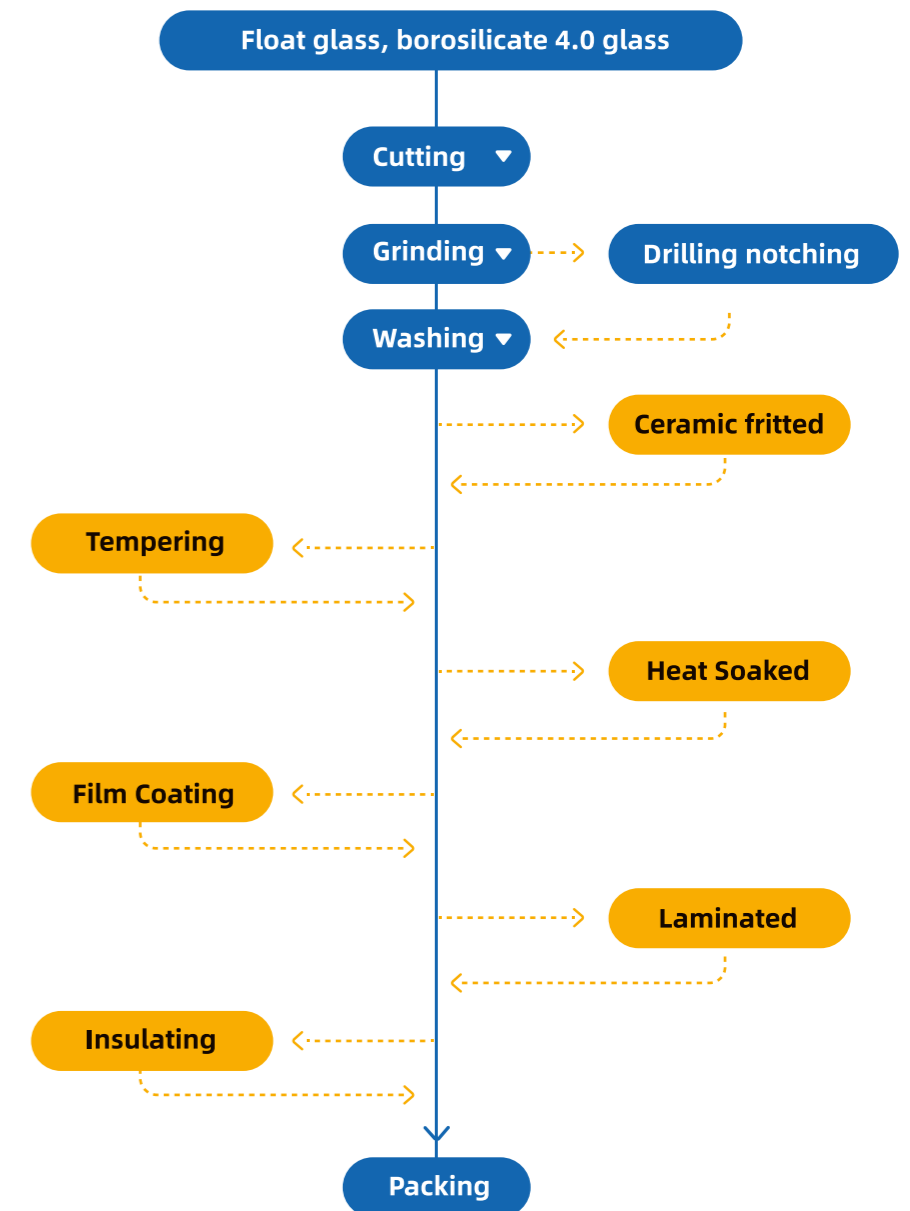
Detail is our promise

**Technical Service**

Professional is our best service

## Multi-tech Process System

Comprehensive system for customization



Note: Borosilicate 4.0 fire-rated glass, integrity of fire resistance (Max≥120min), C class, I Grade.

## Tempered glass

Tempered glass is a type of glass, that heating and quickly cooling down to form compression pressure at glass surface which can enhance the glass mechanical strength and thermal stability. Strength is 3-5 times than float glass and can endure changing of above 200°C. When broken, fragments with obtuse angle won't hurt people.



## Heat soaked glass

Heat soaked glass is a kind of treatment for tempered glass for 6-8 hours at a constant temperature of 260°C±10°C and then back to room temperature. The obvious objective of the heat soak process is to get a “broken now, not later” result, reducing the frequency of spontaneous breakage of tempered glass after installation.



### Specification

Thickness: 3mm-25mm  
Max. size: 3660mm\*22000mm  
Min. Size: 100mm\*250mm

### Quality standard

GB 15763.2  
ASTM C 1048  
BS EN 12150  
BS EN 12600  
AS/NZS 2208

### Specification

Thickness: 3mm-25mm  
Max. size: 3660mm\*22000mm  
Min. Size: 100mm\*250mm

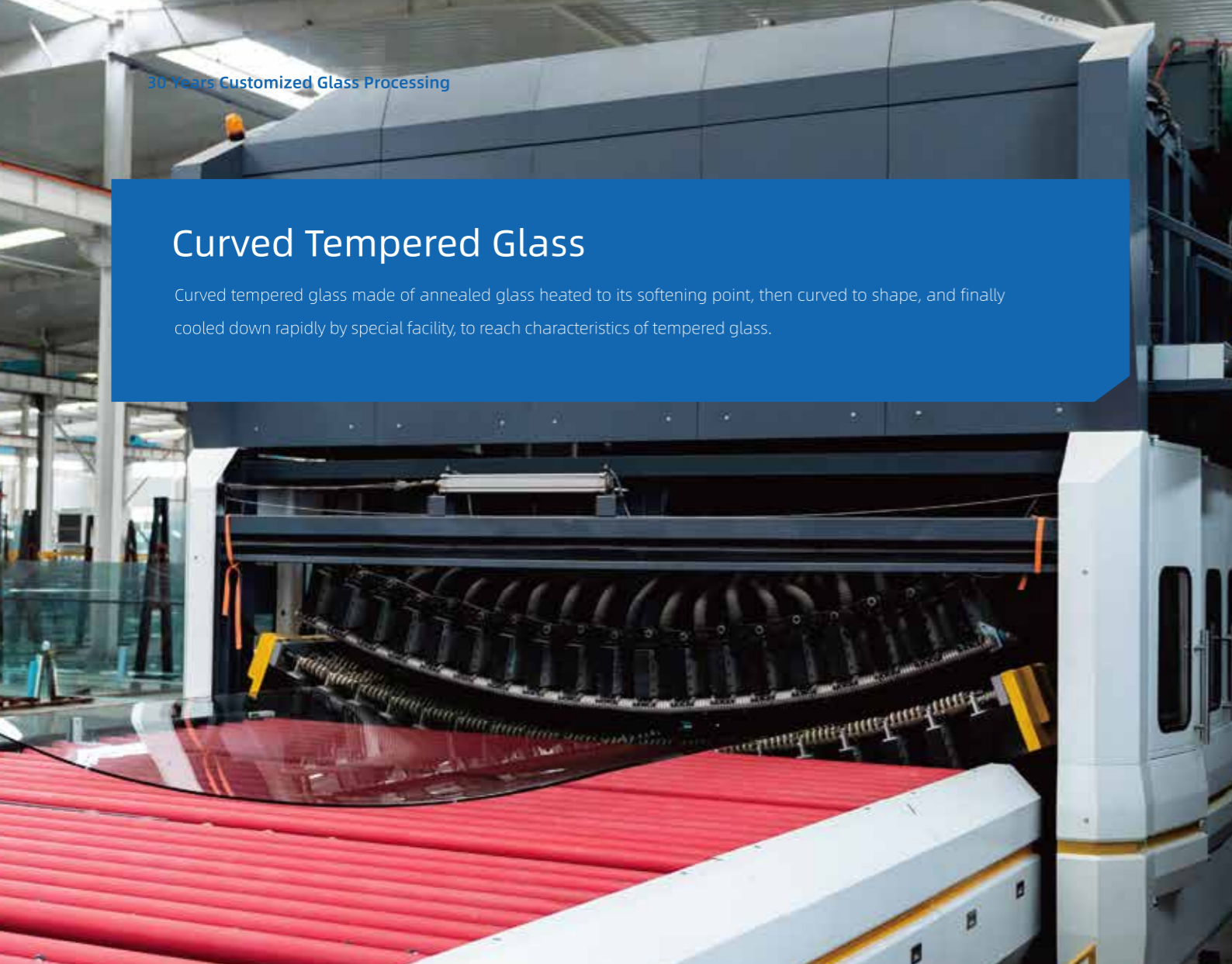
### Quality standard

GB 15763.4  
EN 14179



## Curved Tempered Glass

Curved tempered glass made of annealed glass heated to its softening point, then curved to shape, and finally cooled down rapidly by special facility, to reach characteristics of tempered glass.



## LOW-E glass

Low-E (Low emissivity) glass is produced by coating multi-layer metal or metal oxide films on float glass through vacuum magnetron sputtering technology. It provides natural light transmission while helping to limit heat gain and thermal energy transfer. Due to continuous improvements in its thermal insulation and solar control performance, glass is a flexible building material that can help improve the energy efficiency of buildings.

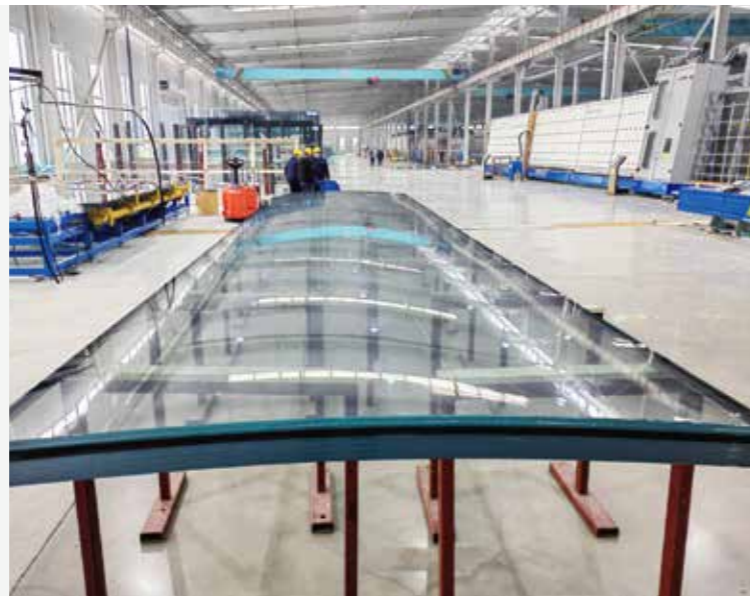


### Specification

Thickness: 6mm-25mm  
Max.Size: topside/backside curved  
3660mm (arc length) \*14000 (length) mm

### Quality standard

GB 15763.2      BS EN 12600  
ASTM C 1048    AS/NZS 2208  
BS EN 12150



### Specification

Thickness: 3mm-15mm  
Max. Size: 2440mm\*7500mm  
Min. size: 300mm\*800mm

### Quality standard

GB 18915  
EN 1096  
ASTM C 1376



## Single silver LOW-E glass

It contains a functional layer (silver layer), along with other metal and compound layers.



### Single silver LOW-E glass performance data

Type	Model Glass	Substrate	Reflective color	Visible Light(%)			Solar Energy				U-Value(W/m2.k)		RHG
				Trans	Out	In	Trans	Ref	SC	SHGC	Air	Ar	
Single Silver Low-E Insulated glass	6QCE01-40(T)+12A+6UC	LowIron	Silver Grey	38	26	11	30	30	0.37	0.32	1.78	1.57	247
	6QCE01-50(T)+12A+6UC	LowIron	Blue Grey	47	22	11	38	30	0.45	0.39	1.74	1.52	297
	6QCE01-61(T)+12A+6UC	LowIron	Blue Grey	55	18	12	39	25	0.51	0.44	1.75	1.52	335
	6QCE01-70(T)+12A+6UC	LowIron	Blue Grey	65	14	11	44	22	0.58	0.5	1.75	1.52	379
	6QCE01-80(T)+12A+6UC	LowIron	Neutral	72	11	14	52	19	0.63	0.55	1.82	1.55	411
	6QCE01-85(T)+12A+6UC	LowIron	Neutral	77	12	13	55	19	0.67	0.58	1.82	1.64	437
	6QCE11-40(T)+12A+6C	Clear	Silver Grey	36	25	11	26	27	0.35	0.3	1.78	1.57	235
	6QCE11-50(T)+12A+6C	Clear	Blue Grey	45	21	11	35	26	0.42	0.36	1.74	1.52	279
	6QCE11-61(T)+12A+6C	Clear	Blue Grey	53	17	12	36	24	0.48	0.42	1.75	1.52	316
	6QCE11-70(T)+12A+6C	Clear	Blue Grey	63	14	11	41	20	0.56	0.48	1.75	1.52	367
	6QCE11-80(T)+12A+6C	Clear	Neutral	71	11	14	50	18	0.62	0.54	1.82	1.55	405
	6QCE11-85(T)+12A+6C	Clear	Neutral	76	12	13	53	19	0.66	0.57	1.82	1.64	430
	6QCE21-40(T)+12A+6C	FGreen	Grey Green	30	19	11	16	12	0.26	0.23	1.78	1.57	178
	6QCE21-50(T)+12A+6C	FGreen	Grey Green	39	16	10	21	11	0.31	0.27	1.74	1.52	209
	6QCE21-61(T)+12A+6C	FGreen	Light Green	45	14	10	24	10	0.34	0.29	1.75	1.52	228
	6QCE21-70(T)+12A+6C	FGreen	Light Green	53	11	10	28	9	0.39	0.34	1.75	1.52	260
	6QCE21-80(T)+12A+6C	FGreen	Light Green	62	10	11	33	8	0.43	0.38	1.82	1.55	285
	6QCE21-85(T)+12A+6C	FGreen	Light Green	63	9	11	32	6	0.45	0.39	1.82	1.64	298
	6QCE31-40(T)+12A+6C	Euro Grey	Silver Grey	18	10	11	13	11	0.23	0.2	1.78	1.57	159
	6QCE31-50(T)+12A+6C	Euro Grey	Grey	23	9	10	17	10	0.27	0.23	1.74	1.52	184
6QCE31-61(T)+12A+6C	Euro Grey	Grey	26	8	9	19	10	0.3	0.26	1.75	1.52	203	

Single silver LOW-E glass performance data

Type	Model Glass	Substrate	Reflective color	Visible Light(%)			Solar Energy				U-Value(W/m2.k)		RHG
				Trans	Out	In	Trans	Ref	SC	SHGC	Air	Ar	
Single Silver Low-E Insulated glass	6QCE31-70(T)+12A+6C	Euro Grey	Grey	31	7	10	23	9	0.33	0.29	1.75	1.52	222
	6QCE31-80(T)+12A+6C	Euro Grey	Grey	37	6	10	28	9	0.38	0.33	1.82	1.55	254
	6QCE31-85(T)+12A+6C	Euro Grey	Light Grey	39	6	10	29	9	0.42	0.36	1.82	1.64	279
	6QCE41-40(T)+12A+6C	Euro Brown	Brown	20	12	14	14	19	0.25	0.22	1.78	1.57	172
	6QCE41-50(T)+12A+6C	Euro Brown	Brown	25	13	17	16	18	0.27	0.23	1.74	1.52	184
	6QCE41-61(T)+12A+6C	Euro Brown	Brown	31	11	11	21	16	0.33	0.28	1.75	1.52	222
	6QCE41-70(T)+12A+6C	Euro Brown	Brown	35	10	10	25	10	0.35	0.3	1.75	1.52	235
	6QCE41-80(T)+12A+6C	Euro Brown	Brown	39	6	10	29	10	0.4	0.35	1.82	1.55	267
	6QCE41-85(T)+12A+6C	Euro Brown	Brown	44	7	8	32	8	0.45	0.39	1.82	1.64	298
	6QCE51-40(T)+12A+6C	Ford Blue	Blue	23	13	11	15	11	0.23	0.2	1.74	1.57	159
	6QCE51-50(T)+12A+6C	Ford Blue	Blue	30	11	10	19	11	0.28	0.24	1.75	1.52	190
	6QCE51-61(T)+12A+6C	Ford Blue	Blue	35	10	10	22	10	0.31	0.27	1.75	1.52	209
	6QCE51-70(T)+12A+6C	Ford Blue	Blue	41	9	10	26	9	0.36	0.31	1.75	1.52	241
	6QCE51-80(T)+12A+6C	Ford Blue	Blue	49	8	10	31	9	0.42	0.36	1.82	1.55	279
	6QCE51-85(T)+12A+6C	Ford Blue	Blue	50	7	12	32	10	0.43	0.37	1.82	1.64	285
	6QCE71-40(T)+12A+6C	Crystal Grey	Silver Grey	26	15	10	17	16	0.27	0.24	1.78	1.57	184
	6QCE71-50(T)+12A+6C	Crystal Grey	Grey	32	13	9	19	13	0.3	0.26	1.74	1.52	203
	6QCE71-61(T)+12A+6C	Crystal Grey	Grey	39	11	9	25	12	0.33	0.29	1.75	1.52	222
	6QCE71-70(T)+12A+6C	Crystal Grey	Grey	44	9	10	28	11	0.39	0.35	1.75	1.52	260
	6QCE71-80(T)+12A+6C	Crystal Grey	Grey	51	7	12	33	11	0.45	0.39	1.82	1.55	298
6QCE71-85(T)+12A+6C	Crystal Grey	Light Grey	54	8	12	35	14	0.46	0.4	1.82	1.64	304	



## Double silver LOW-E glass

It has two functional layers (silver layer), and with other metal and compound layers. Compared with single silver LOW-E glass, double silver Low-E glass has lower Emissivity, lower heat transfer coefficient (U value), lower sunshade coefficient (Sc value) and higher visible light transmittance, can get the better energy-saving effect.

## Solar reflective glass

Solar control glass is to allow sunlight to pass through a window or facade while radiating and reflecting away a large degree of the sun's heat. The indoor space stays bright and much cooler than normal glass was used. Solar control glass used to minimize solar heat gain by rejecting solar radiation and help control glare; it also can be used to balance solar control with high levels of natural light.

### Double silver LOW-E glass performance data

Type	Model Glass	Substrate	Reflective color	Visible Light(%)			Solar Energy				U-Value(W/m2.k)		RHG
				Trans	Out	In	Trans	Ref	SC	SHGC	Air	Ar	
Double Silver Low-E Insulated Glass	6QDE11-46+12A+6C	Clear	Silver Grey	41	16	14	20	33	0.28	0.24	1.68	1.46	190
	6QFTBDE11-50Q+12A+6C	Clear	Blue Grey	46	26	33	24	31	0.3	0.26	1.64	1.42	202
	6QFCENDE11-53+12A+6C	Clear	Blue Grey	45	30	26	20	32	0.32	0.27	1.66	1.44	215
	6QFSKNDE11-63+12A+6C	Clear	Blue Grey	60	13	17	31	33	0.4	0.34	1.64	1.42	265
	6QDE11-64+12A+6C	Clear	Blue Grey	61	16	18	30	28	0.39	0.34	1.66	1.44	259
	6QDE11-70+12A+6C	Clear	Neutral	64	10	11	35	24	0.39	0.34	1.65	1.43	259
	6QDE11-50(T)+12A+6C	Clear	Grey	45	26	12	23	30	0.39	0.34	1.64	1.42	259
	6QDE11-58(T)+12A+6C	Clear	Blue Grey	52	26	19	27	36	0.45	0.39	1.66	1.44	297
	6QDE11-69(T)+12A+6C	Clear	Blue Grey	62	15	11	34	23	0.53	0.46	1.66	1.44	347



### Solar reflective glass performance data

Type	Model Glass	Substrate	Reflective color	Visible Light(%)			Solar Energy				U-Value(W/m2.k)		RHG
				Trans	Out	In	Trans	Ref	SC	SHGC	Air	Ar	
Solar Reflective Single Panel Glass	6JXBG11-08(T)	Clear	Silver Grey	8	43	40	14	33	0.23	0.2	4.5		181
	6JXBG11-14(T)	Clear	Silver Grey	14	36	24	16	30	0.29	0.25	4.7		220
	6JXBG11-20(T)	Clear	Silver Grey	20	29	25	18	25	0.35	0.3	4.8		259
	6JXBG11-30(T)	Clear	Silver Grey	30	22	18	25	24	0.45	0.39	4.9		323
	6JXBG11-40(T)	Clear	Silver Grey	40	21	12	30	18	0.51	0.44	5		361
	6JXBG11-50(T)	Clear	Blue Grey	50	19	13	45	16	0.64	0.55	5.1		444
	6JXBG11-60(T)	Clear	Blue Grey	60	14	17	57	11	0.75	0.65	5.2		514
	6JXBG11-70(T)	Clear	Blue Grey	70	19	21	68	16	0.83	0.72	5.5		567
	6JXNG11-80(T)	Clear	Neutral	80	17	20	78	15	0.84	0.72	5.7		575
	6JXBG21-14(T)	F Green	Grey Green	12	29	24	7	14	0.27	0.23	4.7		208
	6JXBG21-20(T)	F Green	Grey Green	16	25	25	10	12	0.35	0.3	4.8		259
	6JXBG21-30(T)	F Green	Grey Green	25	22	22	14	11	0.4	0.35	4.9		291
	6JXBG21-40(T)	F Green	Grey Green	33	17	10	18	9	0.44	0.38	5		317
	6JXBG21-50(T)	F Green	Light Green	42	16	17	24	9	0.51	0.44	5.1		362
	6JXBG21-60(T)	F Green	Light Green	51	13	17	30	7	0.56	0.49	5.2		394
	6JXBG21-70(T)	F Green	Light Green	58	13	16	36	8	0.58	0.5	5.5		409

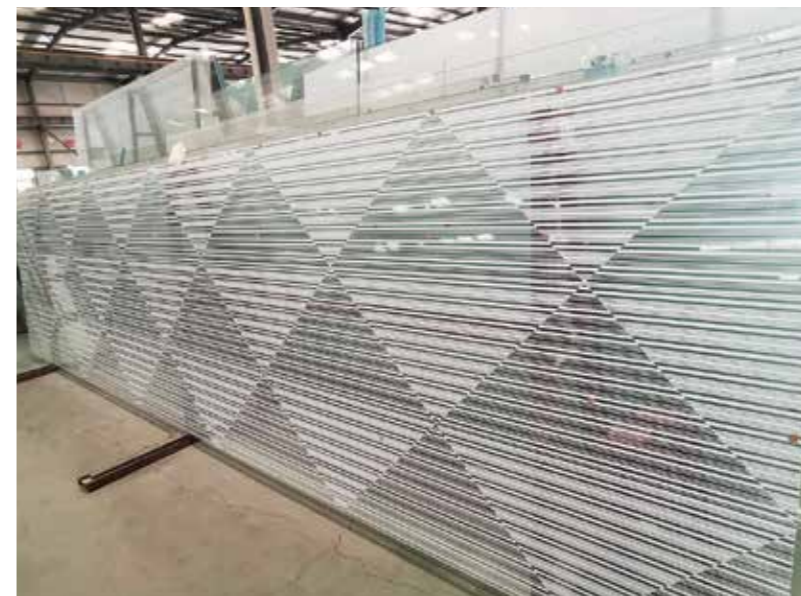
Solar reflective glass performance data

Type	Model Glass	Substrate	Reflective color	Visible Light(%)			Solar Energy				U-Value(W/m2.k)		RHG
				Trans	Out	In	Trans	Ref	SC	SHGC	Air	Ar	
Solar Reflective Single Panel Glass	6JXNG21-80(T)	F Green	Light Green	61	11	15	41	7	0.59	0.51	5.7		417
	6JXBG31-14(T)	Euro Grey	Silver Grey	7	11	35	6	12	0.27	0.23	4.7		208
	6JXBG31-20(T)	Euro Grey	Silver Grey	10	11	24	10	10	0.37	0.32	4.8		272
	6JXBG31-30(T)	Euro Grey	Silver Grey	15	10	20	13	9	0.4	0.34	4.9		291
	6JXBG31-40(T)	Euro Grey	Silver Grey	20	9	10	17	8	0.44	0.38	5		317
	6JXBG31-50(T)	Euro Grey	Grey	25	9	17	24	7	0.51	0.44	5.1		362
	6JXBG31-60(T)	Euro Grey	Grey	30	9	18	32	6	0.58	0.5	5.2		407
	6JXBG31-70(T)	Euro Grey	Grey	34	7	15	34	6	0.58	0.5	5.5		409
	6JXNG31-80(T)	Euro Grey	Light Grey	37	7	14	37	6	0.58	0.5	5.7		411
	6JXBG41-14(T)	Euro Brown	Brown	7	12	36	7	13	0.27	0.23	4.7		208
	6JXBG41-20(T)	Euro Brown	Brown	10	10	33	9	11	0.31	0.27	4.8		234
	6JXBG41-30(T)	Euro Brown	Brown	17	7	25	16	8	0.38	0.33	4.9		279
	6JXBG41-40(T)	Euro Brown	Brown	20	10	11	18	9	0.43	0.37	5		311
	6JXBG41-50(T)	Euro Brown	Brown	26	8	12	25	7	0.49	0.43	5.1		350
	6JXBG41-60(T)	Euro Brown	Brown	31	7	13	32	6	0.55	0.48	5.2		388
	6JXBG41-70(T)	Euro Brown	Brown	36	7	15	38	6	0.59	0.51	5.5		416
	6JXNG41-80(T)	Euro Brown	Brown	39	6	13	37	6	0.59	0.51	5.7		417
	6JXBG51-14(T)	Ford Blue	Blue	9	16	36	7	13	0.27	0.23	4.7		208
	6JXBG51-20(T)	Ford Blue	Blue	13	13	33	10	11	0.31	0.27	4.8		234
	6JXBG51-30(T)	Ford Blue	Blue	20	8	25	15	8	0.37	0.32	4.9		272
6JXBG51-40(T)	Ford Blue	Blue	25	13	11	18	10	0.43	0.37	5		311	
6JXBG51-50(T)	Ford Blue	Blue	32	11	12	25	8	0.49	0.42	5.1		350	
6JXBG51-60(T)	Ford Blue	Blue	39	9	13	31	7	0.54	0.47	5.2		382	
6JXBG51-70(T)	Ford Blue	Blue	44	9	15	36	7	0.58	0.5	5.5		409	
6JXNG51-80(T)	Ford Blue	Blue	47	6	13	37	6	0.59	0.51	5.7		417	

Note: 1. The data based Windows 7.4 computed from LNBL lab, on the condition of ASHRAE NFRC2001  
 2. The low-E film coated on surface 2#.  
 3. Above data computed based on samples , little difference between actual products and table

## Ceramic fritted glass

Ceramic fritted glass is a type of decorative glass printed with high temperature inorganic ink, after dried and tempered, the ink will be fritted on surface, and wear proof, acid alkalinity resistance to match functionality and decoration.



### Specification

Thickness: 4mm-19mm  
 Max. size: 3660mm\*22000mm  
 Min. Size: 300mm\*500mm

### Quality standard

JC/T 1006

## Insulated glass

Insulated glass (IGU) consists of two or more glass panes separated by a space to reduce heat transfer across a part of the building sealed with sealant. It has good soundproof and heat insulating performance. Most insulated glass made with Low-E, to get better energy-saving effect, especially after argon filling.



### Specification

Thickness: 12mm-120mm  
 Max. size: 3660mm\*22000mm  
 Min. Size: 500mm\*300mm

### Quality standard

GB/T 11944  
 BS EN 1279  
 AS/NZS 4666  
 ASTM E 2190



## Laminated glass

Laminated glass is composed of two or more interlayers of PVB or SGP between glass, and treated by high-temperature and high-pressure process to bond the glass. The interlayer in laminated glass is tough with strong adhesive force. It is not easy to be penetrated after impact, also better for shock resistance, anti-theft, bullet proof and explosion-proof; The interlayer can effectively block the transmission of sound to reduce noises; The interlayer also has high barrier effect on ultraviolet and better protected human body and indoor decoration.

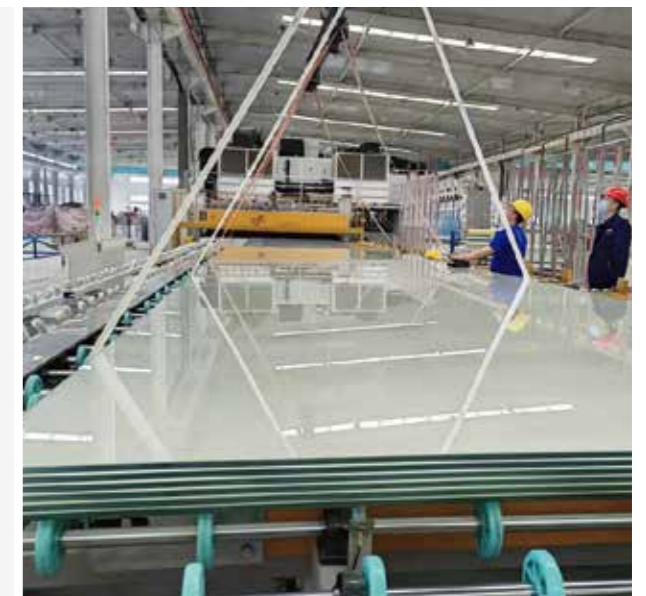


### Specification

Thickness: 4mm-25mm  
 Max. size: 3660mm\*20000mm  
 Min. Size: 300mm\*300mm

### Quality standard

GB 15763.3  
 BS EN ISO 12543  
 BS EN 12600  
 AS/NZS 2208



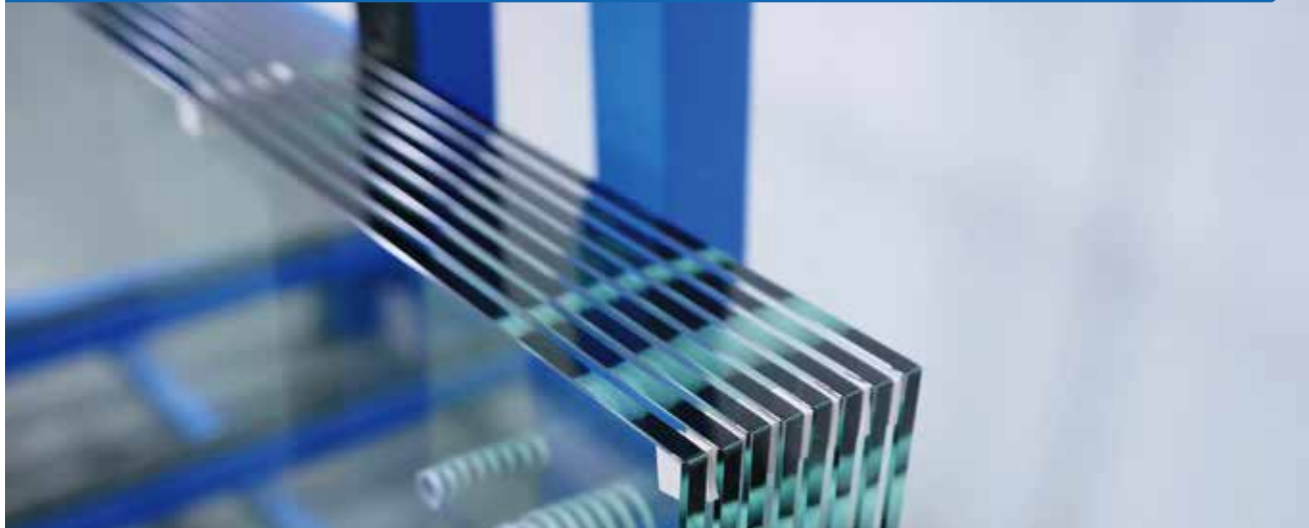
# Quality

Jumbo Glass processing

Detail is our promise

## FLAT POLISHED SIDES

Improved the equipment with technology, well solved the polishing problems of short edge for jumbo glass, improved the quality & appearance design. (size≤22m×3.66m)



## BACKSIDE CURVING

The equipment support topside/backside curved low-E, accurate temperature adjustment to ensure the quality of curved low-E or ceramic printed glass. (size≤14m (length) ×3.66m (arc length) )



## CNC WORKING SHAPED GLASS

We can well process the shaped glass with CNC working center, to cut, drill, polish hole/edge, and get the excellent appearance finishing (size≤22m×3.66m).



## MULTI-TECH PROCESSING

We are good at processing glass that composed multi-layer PVB/SGP, insulated, curved, or low-E to reach design requirements. (size≤22m×3.66m)



# Technical Service

Professional is our best service



## PRE-SALE

- GLASS CHOOSING
- COST OPTIMIZATION
- PARAMETER CHECKING
- DRAWINGS MAKING
- CUSTOMIZED DEVELOPING SERVICE

## IN-SALE

- CHANGING PROCESS
- ORDER FOLLOW-UP

## AFTER-SALE

- QUALITY INSPECTION
- TECHNICAL ADVICE
- AFTER SERVICE



# 03 PART 3

## SPECIALIZATION QUALITY GUARANTEE

Glass service based on requirements, to customize the quality product with innovation. Work together with clients to match the design, safety, performance, style, appearance.

A group of glass people, seen glass as their career, strive to glass intelligence processing, open up best living space for people.

### Developing team

30 years focus & innovation

### Lean Management

combination for system & details

### Quality Certificates

Globalization certificates & Invention patents

## Developing team

30 years focus & innovation



Technical persons

Senior engineers 6 persons, mid-level engineers 12 persons-----focus on glass in energy-saving, material composite, space design, to match the multi scenario requirements.



Production workers

process experts taken up 30%, over 10 years skilled workers 60%, built a stable technology & products quality support.



Service team

Served over 100+ countries clients, provide assistance in glass design, cost saving, technical advice, customization developing.

# Lean Management

combination for system & details

## Quality control

ISO international quality management standard and strictly internal control standards,From raw material purchasing to hand-over, the whole process.



### Digital production management

Contract, order input, purchasing, plan, process, inspection, stock, logistics all the flow link are managed through digital coordination, to help us provide the better & faster service.

### Equipment intelligence

Production line adopted leading brand, highly automated, greatly lowered people handling, lowered glass scratches, keep glass appearance best quality.



#### Glorious Future Glass digital platform

- Raw material management
- Order management
- Process management
- Finished products management
- Logistic management





# Quality Certificates

Our products have obtained worldwide quality standard certification, allowing us to better participate in global architecture engineering and rail transit engineering building and provide us with high-quality products and services.

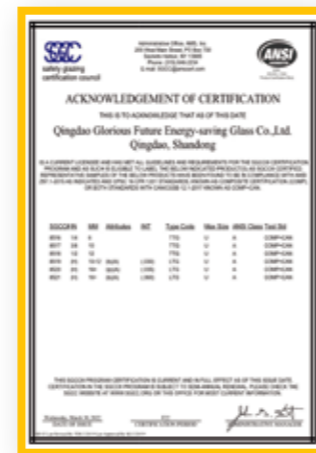
Globalization certificates & Invention patents



3C certificate



ISO certificate



America certificate (SGCC)



European TUV Certificate (CE)



Australian SAI Certificate



Germany Certificate of Adhesive Bonds On Rail Vehicles & Parts

## Glass standard member

Attend to drafting & modifying the national /industry glass standard.



《Glass ceramic glaze》JC/T 2167-2022

《low-E coating target choosing》JC/T 2201-2022

《Glass measuring method- laser polarization》T/ZBH019-2021

《Architectural glass acoustic technology condition》T/ZBH021-2022

《Safety glass for architecture Part 1 fire-rated glass》GB15763.1

《Safety glass for architecture Part 3 laminated glass》GB15763.3

《Safety glass for Rail vehicles》GB 18045

## Patents

We owned a series of patents refers to equipment、technology、glass software 34 items.



04  
PART 4

# Professional product serves whole world

A series of landmark buildings and image stores erected with Glorious Future, decorated city, beautified our life.

Architecture Engineering case  
Rail transit case

## Architecture Engineering case



**Marsa Arabia five star hotel**

Glass makeup: 6QDE11-46 double silver low-E +12Ar+4CT+1.14PVB+4CT  
Country: Qatar  
SQM: 14500m<sup>2</sup>



**DELASOL**

Glass makeup: 5mm F green HS+1.14PVB+5mm F green HS  
Country: Vietnam, Ho Chi Minh  
SQM: 24000m<sup>2</sup>



**Malibu Lusail Apartment**

Glass makeup: 6 Green reflective tempered +12A+6 clear tempered  
Country: Qatar  
SQM: 13000m<sup>2</sup>



**Hongdao Bullet train station**

Glass makeup: 6CT+1.52PVB+6 double silver low-E(4#)+12Ar+8CT+1.52PVB+8CT  
8double silver low-E(2#)+12Ar+8CT+1.52PVB+8CT  
Add: Huihai Road, Hongdao, Qingdao.  
SQM: 34000m<sup>2</sup>



**Qingdao international academician Harbor**

Glass makeup: 8 double silver low-E +12A+8 clear tempered  
Add: Dongchuan Road, Licang, Qingdao  
SQM: 60000m<sup>2</sup>



**JD Headquarters (BEIJING)**

Glass makeup: 12CT+16A+12mm Low-E Tempered, TP12mm\*4+  
2.28SGP\*3 Tempered laminated  
Add: Yizhuang economic developing zone, Beijing



**HUAWEI Shop**

Glass makeup: 15 ultra clear tempered+1.52SGP+15 ultra clear tempered  
Add: Shimao square, Lixia District, Jinan

## Rail transit case



**Zhengzhou Railway Line 3**

Glass makeup: 8mm, 10mm ceramic printed glass (HST)  
SQM: 5000m<sup>2</sup>



**Chengdu Railway line 6**

Glass makeup: 8mm, 12mm ceramic printed on ultra clear tempered (HST)  
SQM: 13000m<sup>2</sup>



**Metersbonwe Shop**

Glass makeup: 15mm double silver Low-E+15A+15 clear tempered  
Add: Zhongjie Road, Shenhe district, Shenyang



**Turkey CSS Project**

Glass makeup: 5 Borosilicate fire-rated tempered glass ( HST) + 1.52pvb+5Clear ceramic printed laminated(HST)  
SQM: 4500m<sup>2</sup>