

Honorably presented in 2017

GnT For better glass

景图玻璃技术有限公司

GnT Glass Co.,LTD

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GnT Glass Co.,LTD

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景 图 玻 璃  
GLASS AND TECHNOLOGY

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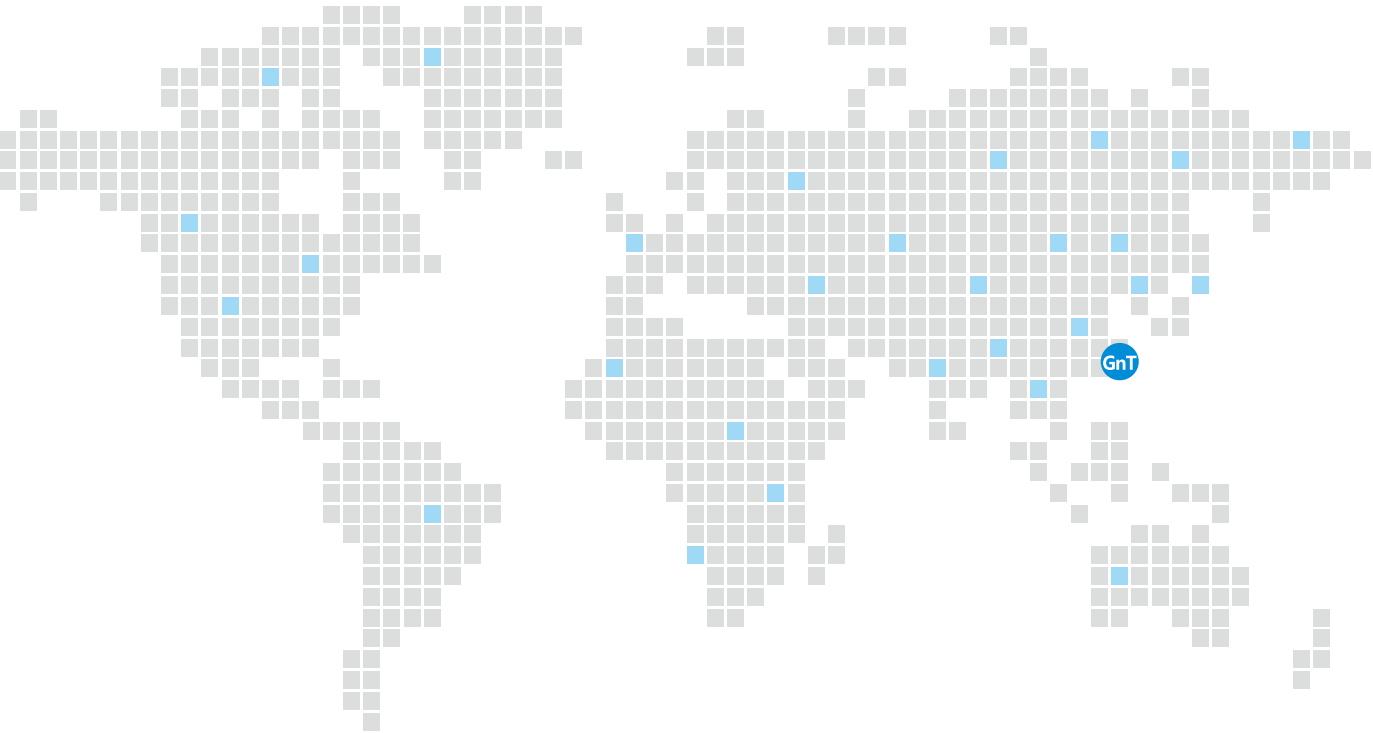
Company Profile/ 公司简介

INTERNATIONALIZATION

GnT GLASS CO., LTD is located in Dongguan City Guangdong Province China. With development over a decade, now we have developed into a leading deep processing glass company partnering with many Multi-National companies.

Sited in the core of Pearl Delta area, GnT possess the most convenient geographical position by connecting to shipping ports, airports, express train and high-speed road networks, thus we could provide fast and effective logistic service to customers.

We have successfully completed various landmark projects worldwide with many renowned local and international architects, designers and consultants, siting in North America, Europe, South East Asia, Middle East, Australia, Japan, Korea, etc.



VISION for BETTER GLASS

Carrying the mission of providing better glass to our customers, we always make improvement for creative and innovative technology and products as our top priority in the glass industry.

Positioning as a complex glass product provider, GnT GLASS CO., LTD built a 100, 000sqm industrial park equipped and operated with the latest and most advanced glass processing equipment including cutting, edging, tempering, laminating and insulating lines.

Factory Capacities/ 设备产能

Cutting

Edging

Fritting



Line 1:  
3300x13000mm  
Irregular shapes and jumbo size

Line 2:  
3600x2800mm  
Normal size



Line 1:  
3300x2500mm, thin and standard size glass

Line2:  
3300x13000mm, heavy and jumbo size glass

Line3:  
2500x8000mm, Low-E & 4 edge polishing

Line 4:  
3800mm, single edged polishing for glass fin

Line 5:  
Bevel edges with angle 5-85 degree



- 3300 x 6000 mm in Automatic Printing
- 3300 x 12000 mm in Manual Printing

Tempering/  
Heat Strengthening

Heat Soaking

Laminating

Insulating



Line 1:  
2700x13000mm  
Flat tempered, special designed heating & cooling system

Line 2:  
3500x8000mm  
Flat and curve tempered

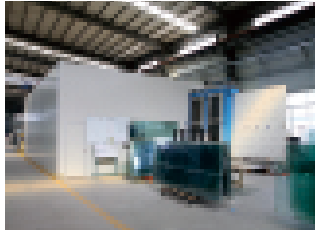


- Max size: 3300\*13000mm
- 4 Lines
- EN 14179 Certified
- RED & JAS Certified



Laminating Line:  
Humidity & temperature control  
Convection Prelam system  
Line 1: 3300x13000mm,  
Line 2: 2000x8000mm

Autoclave:  
No.1: 2500x6000mm  
No.2: 3500x12000mm  
No.3: 2800x18000mm  
Infrared system autoclave



Line 1: Oversized in length  
2700x5000mm (automatic)  
2700x13000 (manual)

Line 2:  
Special IGU, e.g. curved IGU, point fixing IGU, etc.

Line 3:Oversized in width  
3300x6000mm (automatic)  
3300x8000mm (manual)

GnT Equipment & Capacity List

Tempering/Heat Strengthening

Equipment	Max (mm)	Min (mm)	Thickness	Feature	Standards
Line I	3500x8000	300x300	4-25	Better Surface for Structrual Glass	GB 15763.1/T17841 JIS R3206/3222
Line II	2700x13000	250x300	4-25	Performance Glass and Fins	EN 12150/1863 BS 6206 ASTM C1048/ ANSI 97.1
Note: 4mm only for heat strengthened					AS/NZS 2208

Heat Soak Test

Equipment	Max (mm)	Thickness	Daily Output	Calibration Number	Standards
Oven I	2500x6000	4-25	14 Tons	J2979-R01-130815	GB15763.4 EN 14179 APP037
Oven II	2500x6000	4-25	14 Tons	R14D04A	
Oven III	2500x6000	4-25	14 Tons	R14A04B	
Oven IV	3300x13000	4-25	26 Tons	J3161-R01-140916	

Ceramic Printing

Equipment	Max (mm)	Min (mm)	Daily Output(M2)	Feature	Standards
Line I	3300x6000	4-25	2000	Complex color and pattern	ASTM C 1048

Laminating

Equipment	Max (mm)	Min (mm)	Thickness	Interlayer	Standards
Line I	3300x13000	300x300	100	Clear/Color PVB/SGP	GB 15673.3 ASTM C 1172 ANSI 97.1
Line II	2000x8000	300x300	100	Soundproof PVB/SGP	
Autoclave I	3500x13000	300x300	100	SGP/SGX/XIR	
Autoclave II	2500x6000	300x300	100	EN/EVA/DG/SG	AS/NZS 2208
Autoclave III	2800x18000	300x300	100	PVB/SGP/SGX/XIR/DG/SG/EN/EVA	ISO 12543/EN 14449

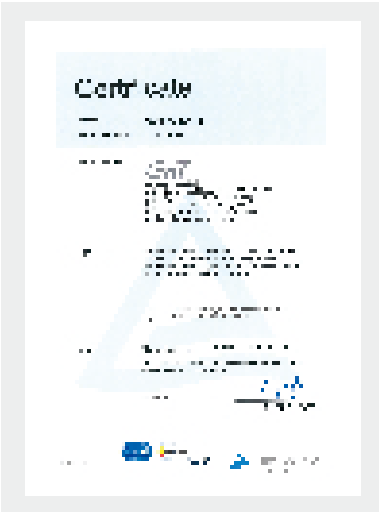
Insulating

Equipment	Max (mm)	Min (mm)	Spacers	Partners	Standards
Line I	2700x5000 (Automatic) 2700x13000 (Mannual)	350x350	6-25mm	Lisec, Edgetech, TGI, Kommerling, GE, DC, etc.	GB/T 11944 JIS R 3209 EN 1279  ASTM E 2188 ASTM E 2190 AS/NZS 4666
Line III	3300x6000 (Automatic) 3300x8000 (Mannual)		Aluminum, Warm Edge (Stainless Steel, Technoform, Superspacer) etc.		

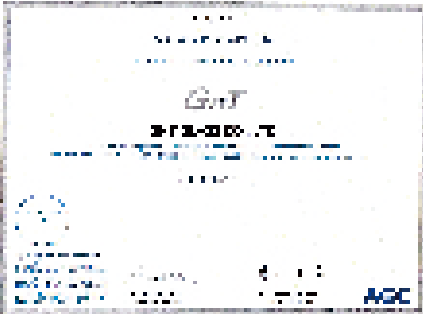
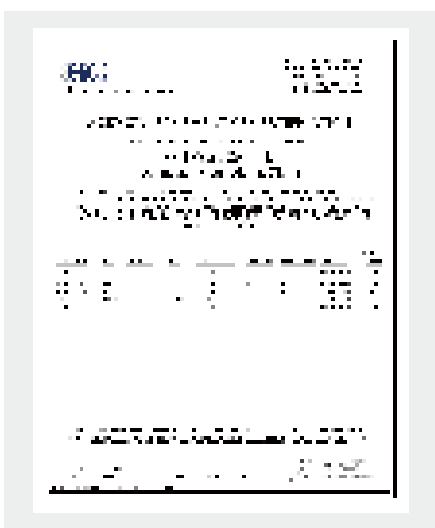
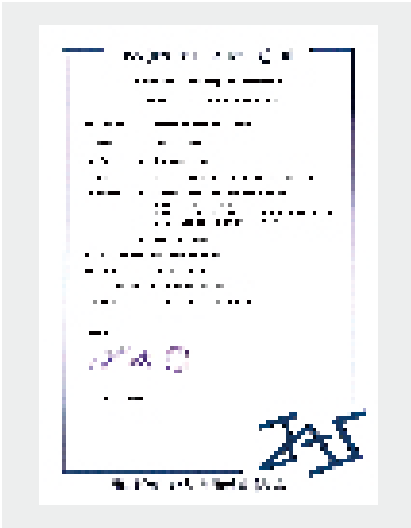
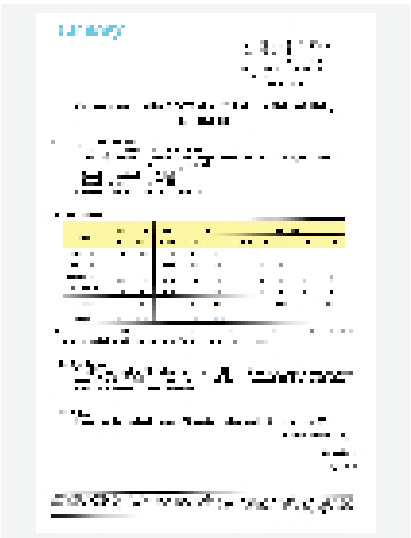


Quality Control/ 品质控制

International Standard Certification



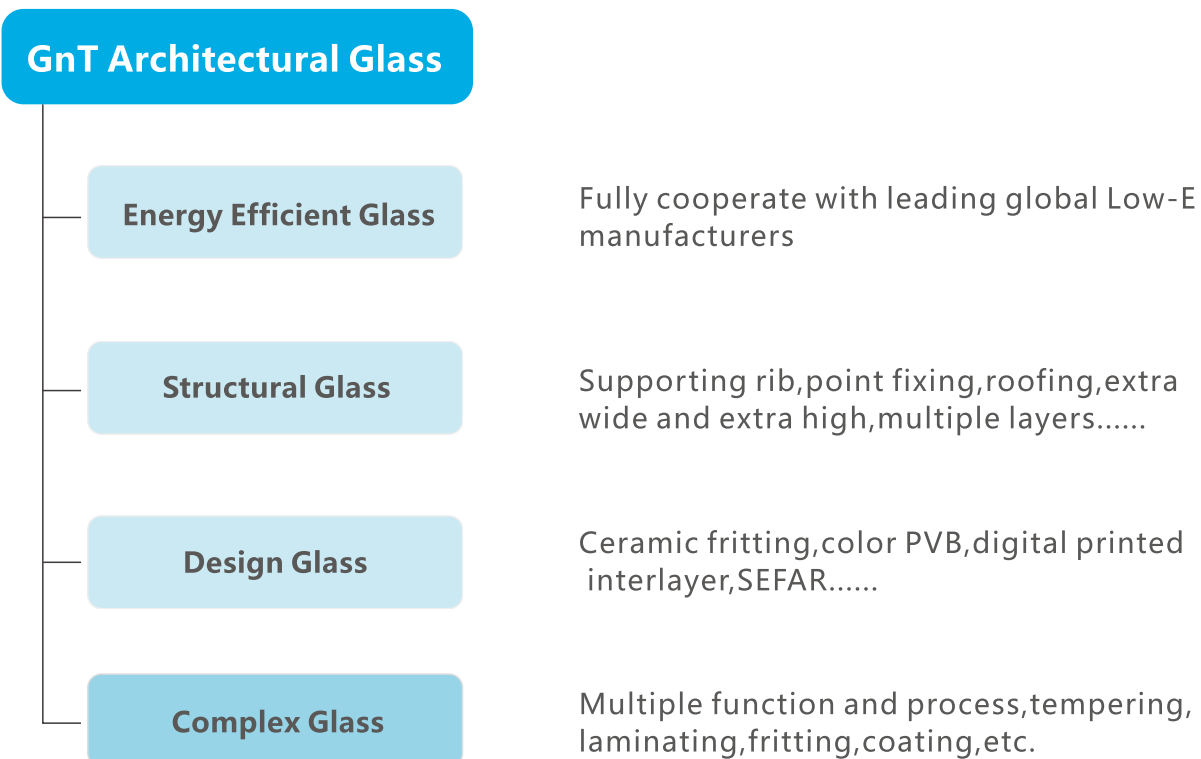
International Partners' Recognition



## GnT Products/ 产品分类

GnT Glass Products are divided into four major categories, namely energy efficient glass, structural glass, design glass and complex glass.

根据玻璃的多种性能和应用，景图玻璃主要分为四大产品系列，即节能玻璃、结构玻璃、设计玻璃及复合玻璃产品系列。



## GnT Energy Efficient Glass

Nowadays energy efficiency and environmental friendliness has become one of the most important elements for architectural, automotive and industrial sectors. More and more countries are enacting or upgrading their energy codes and regulations.

To embrace this global trend, GnT Glass cooperates with a wider range of global manufacturers to offer high performance energy efficient glass, which both meet specifications of performance and satisfy needs of aesthetics.

Our partners include but not limited to the following:





## Vitro Architectural Glass (formally PPG Industry Inc.)

- Since 1883, Vitro-PPG has been at the forefront of technological and environmental advances in the glass industry. Vitro-PPG provides the famous SOLARBAN Low- E on STARPHIRE and its selective tinted substrates for modern and historic buildings designed by Philip Johnson, SOM, Fentress, I.M. Pei and other architectural leaders for architectural glass markets.
- Product Series:
  - ✓ Solarban 90
  - ✓ Solarban 70XL/72/R100
  - ✓ Solarban 60/67



## Guardian Industries

- With dozens of float lines and low e coating lines in Europe, North America and Middle East, Guardian history began in 1932, till now offers the broadest availability of energy saving post temperable coating in advanced architectural glass market, namely its famous SUNGAURD SNX, SN series, Silver neutral appearance and high performance.
- Product Series:
  - ✓ ClimaGuard
  - ✓ SunGuard
  - ✓ SuperNeutral
  - ✓ Premium



## Saint-Gobain S.A.

- Founded in 1665 France, Saint-Gobain is the world leader in the habitat and construction markets and other markets. Glass is one of its best known product, Xtreme triple Low-E and its high performance temperable Low-E specially with unique tinted substrate is well known in architectural glass market for its jumbo size availability and smooth color friendly to environment with green solution.
- Product Series:
  - ✓ COOL-LITE XTREME
  - ✓ COOL-LITE SKN
  - ✓ PLANITHERM



## Asahi Glass Co.

- Asahi Glass Company was founded in 1907 in Japan, holds a leading global share for many glass product types including ONLINE PLANIBEL G, SUNERGY, STOPSOL, and offline STOPRAY VISION, ENERGY NT in selective tinted as well, offering functional glass types to make life more pleasant and secure with great reputation in both quality and service.
- Product Series:
  - ✓ Sunergy
  - ✓ Stopsol
  - ✓ Stopray



## Glas Trösch Holding AG

- Glas Trösch Holding AG or Glas Trösch Group is a Swiss group of companies with an operational headquarters in Bützberg in the municipality of Thunstetten and the largest glass-producing and glass-processing family company in Europe founded in 1905. The group of companies employs more than 5300 employees at 70 locations mainly in Europe.
- Product Series:
  - ✓ SILVERSTAR SELEKT
  - ✓ SILVERSTAR SUPERSELEKT
  - ✓ SILVERSTAR COMBI
  - ✓ SILVERSTAR SUNSTOP



## Pilkington Group Limited

- Pilkington Group Limited is a multinational glass manufacturing company headquartered in St Helens, United Kingdom and a wholly owned subsidiary of the Japan-based NSG Group. Prior to its acquisition by NSG in 2006 it was an independent company listed on the London Stock Exchange and for a time was a constituent of the FTSE 100 Index.
- Product Series:
  - ✓ Energy Advantage
  - ✓ Eclipse Advantage
  - ✓ Solar E

## GnT Structural Glass

### By application:

- Supporting rib
- Skylight
- Stair / Floor
- Shop Front
- Balustrade
- Partitions

### By product:

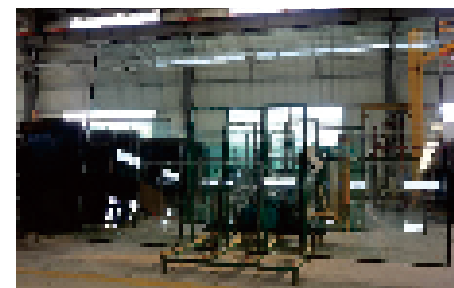
- Glass Fins
- Point Fixing
- Jumbo size panel
- Multiple laminated Glass
- Metal Combine Glass



Glass fins up to 13 meters



Fins with multiple holes



Jumbo size IGU



Floors with notches inside



Point Fixing IGU

## GnT Design Glass

In order to meet the ever changing creative design ideas of architects, GnT Glass never stops to explore the possibilities of innovation on glass technology, by our own technical team and partners around the world.

### GnT Design Glass includes:

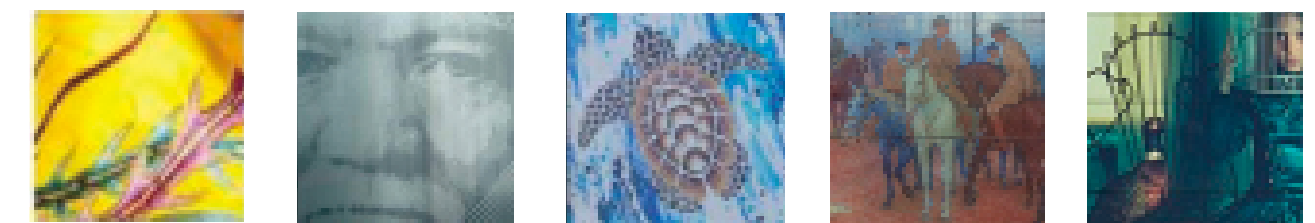
- Ceramic Fritted Glass
- Digital Printed Glass
- Sefar Laminated Glass
- Laminated Glass with Special Interlayer
- Etched Glass
- Patterned Glass



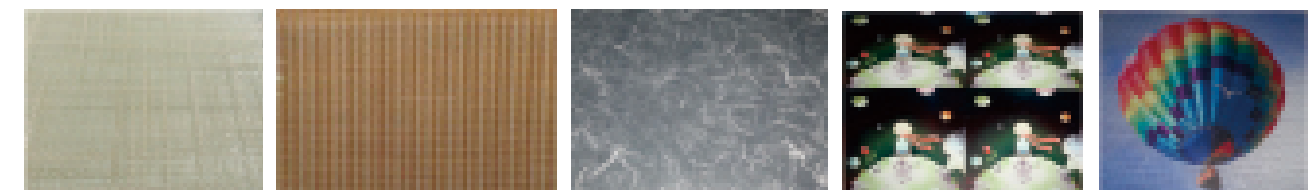
### Ceramic Fritting



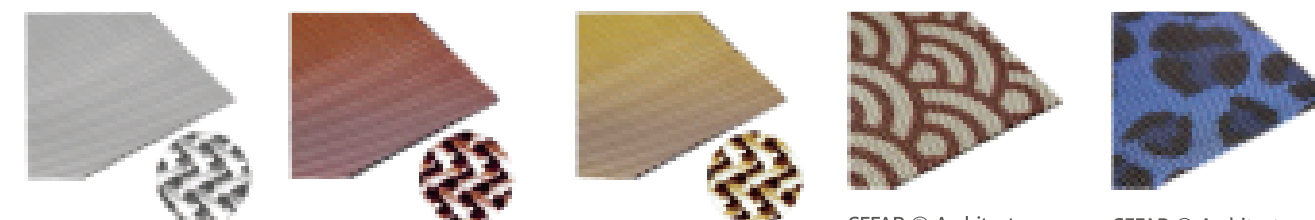
### Printed PVB(SentryGlas Expression)



### Special Interlayer



### SEFAR Vision



AL 260/25

PR 260/25 Copper

PR 260/25 Gold

SEFAR® Architecture VISION PR 260 / 50

SEFAR® Architecture VISION PR 260 / 50

GnT Design Glass – Sefar Laminated

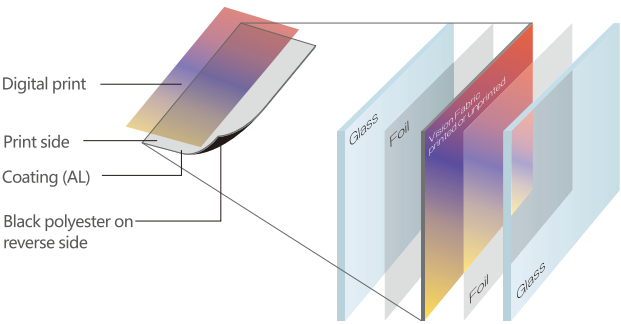


A more design materials: SEFAR Architectural VISION

VISION fabrics are coated with metals by means of sophisticated process. The metals used are aluminum, copper, chromium, titanium and gold, as well as printed copper and gold.

Printing optional

Glass composition



Recommended laminated safety foil SentryGlas® . SentryGlas® is a registered trademark of E.I. DuPont de Nemours and Company or any of its group companies and is distributed exclusively by Kuraray under license.

Benefits:

- Variation: up to 30 type standard products;
- Energy and stronger: reduce solar heat gain, and laminate with SGP;
- Privacy: keeps prying eyes away from outside, and the views remain free inside;
- Fashion: unique design, always a combination with another

Application:

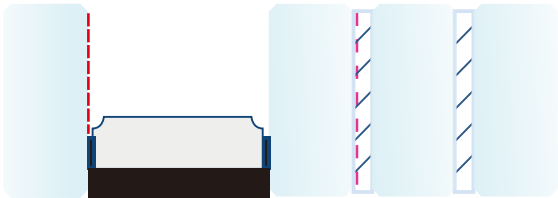
- Exterior facades elements
- Glass curtain wall
- Sun screens
- Interior decoration
- Wall cladding
- Partitions

GnT Design Glass – Product Pictures



GnT Complex Glass

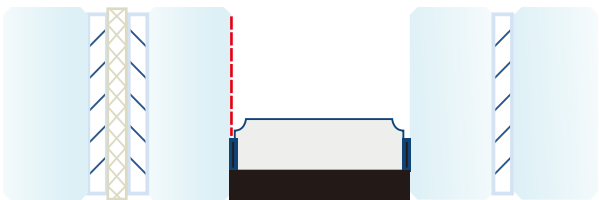
By employing the strengths of our own technology and innovation and partners globally and domestically, GnT Glass provides markets and customers more complex glass products combining functions of energy efficiency, safety, aesthetics, etc. The followings are only examples that we have delivered, and more possibilities at your request:



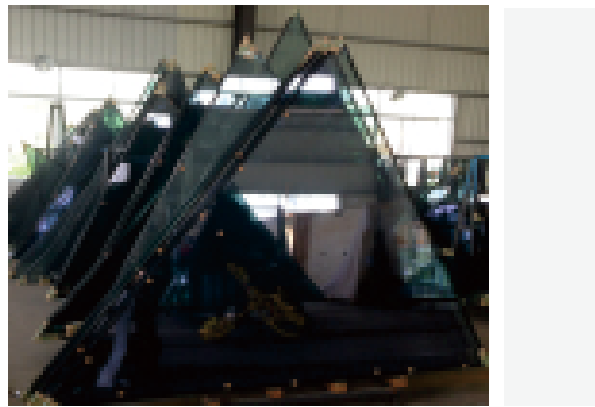
1. 10mm Low-E on low iron +12A+10mm low iron with frit#3+1.52mm clear pvb+10mm low iron +1.52mm clear pvb+12mm low iron



2. 12 mm clear curved tempered glass with HST +2.33 mm XIR (72-47)+ 10 mm clear curved tempered glass with HST+12 Argon+10mm clear curved tempered glass with HST



3. 6mm low iron HS+0.89 mm SGP+Sefar mesh PR 260/55 brown 01-00151968+0.89 mm SGP + 6mm PTE75A Low-E coating on clear#4 HS+12A + 5mm low iron HS+0.76mm clearPVB+5mm low iron





# Reference Projects / 项目案例



Asia

**CJ Only One**

**Location:** Korea

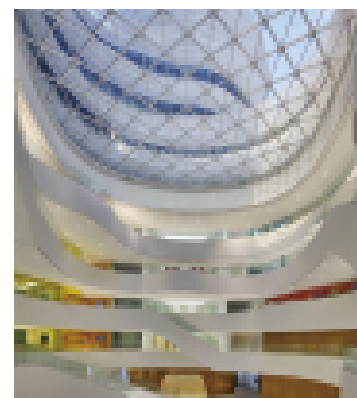
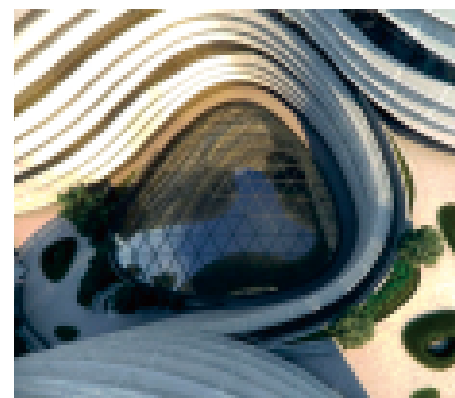
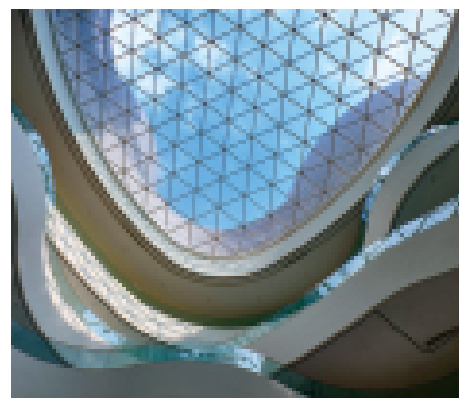
**Architect:** Canon Design

**Consultant:** ARUP

**Product:** 10mm Low-E on Low Iron FT HST #2+16A SUPER SPACER +6mm Low Iron HS with Ceramic/SGP/6mm Low Iron HS

**Coating:** Jinjing Optisolar D80

**Feature:** All triangular shapes



**Hyundai Goyang Auto Complex**

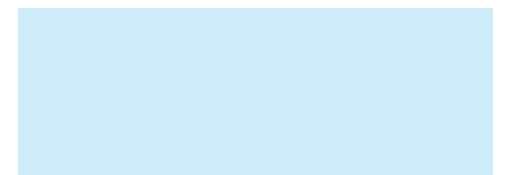
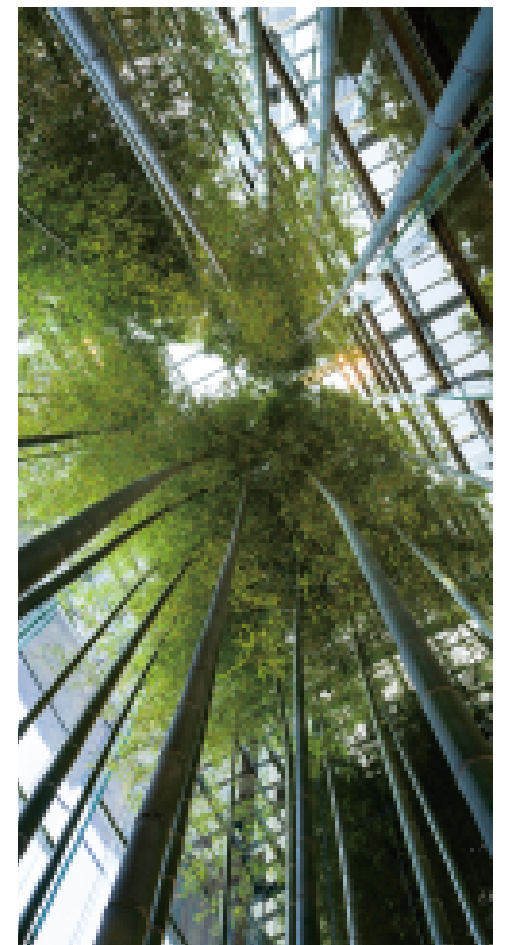
**Location:** Korea

**Architect:** DMP/DMAA

**Product:** 1.6mm Low-E HS+16AR warm edge +8mm clear HS/tinted PVB/8mm clear HS ;2.15mm low iron+1.78mm SGP+15mm low iron+1.78mm SGP+15mm low iron

**Coating:** Jinjing Optilite S83

**Feature:** 11.8 meter high glass fins



## Hanabank

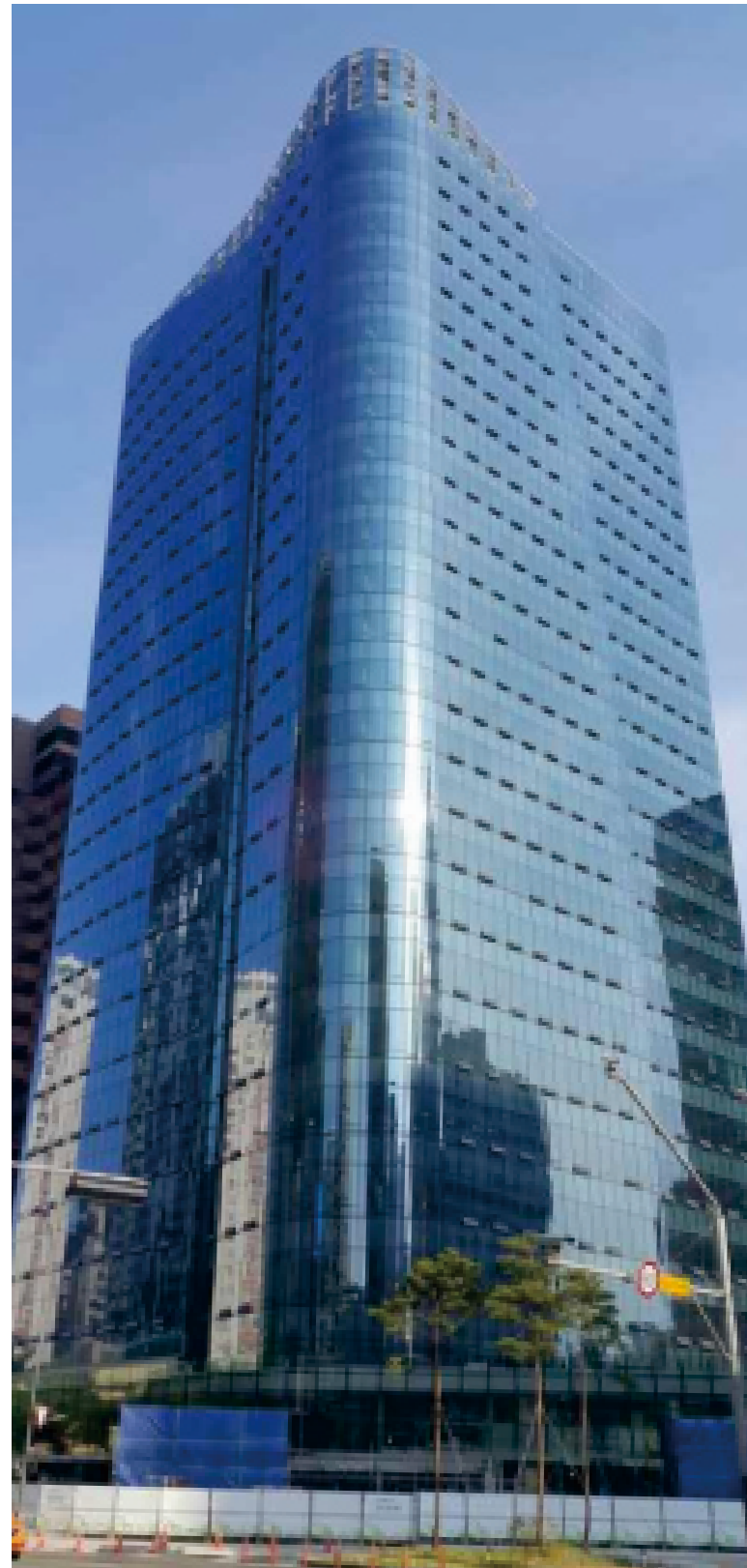
**Location:** Korea

**Consultant:** Summit Façade

**Product:** 6mm Low-E HS+14Ar+6mm Low-E HS + 14Ar + 6mm Clear HS

**Coating:** PPG Solarban R100/67 on Optiblue&Solarban 60 on Starphire

**Feature:** Curved Triple IGU



## Asia

### Jewel

**Location:** Singapore

**Architect:** Safdie Architects

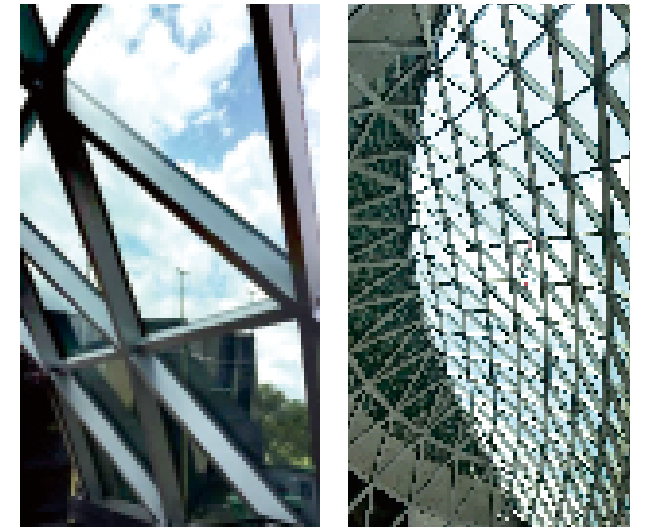
**Consultant:** Buro Happold, Arup, BFG

**LEED Platinum Certified**

**Product:** 8mm Low-E on clear #2 HS + 16mm A+ 6mm Clear HS + 1.52mm clear SGP + 6mm Clear HS

**Coating:** PPG Triple Silver Low-E Solarban 70XL/72

**Feature:** All triangular shapes





Asia



**MD 11**

**Location:** Singapore

**Consultant:** G Facadesign

**Product:** 6mm Low-E HS+12A+6mm Euro Grey HS

**Coating:** PPG triple silver Low-E Solarban 70XL



**La Fiesta**

**Location:** Singapore

**Product:** PPG Graylite Laminated Glass



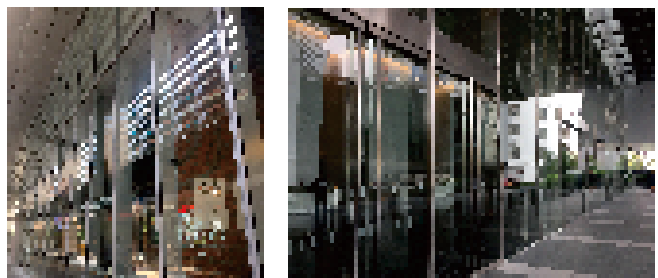
**Tanjong Pagar**

**Location:** Singapore

**Architect:** SOM

**Consultant:** ARUP

**Product:** Different types of low iron laminated glass



**Menara DNP**

**Location:** Malaysia

**Architect:** Marie Maillard

**Consultant:** ARUP

**Product:** 6mm crystal grey HS/1.52mm clear

PVB/6mm low iron with mirror chrome finish  
dot ceramic frit#3 HS

**Feature:** 36 different metallic ceramic  
fritting patterns to form a bamboo effect



**Mumbai Airport**

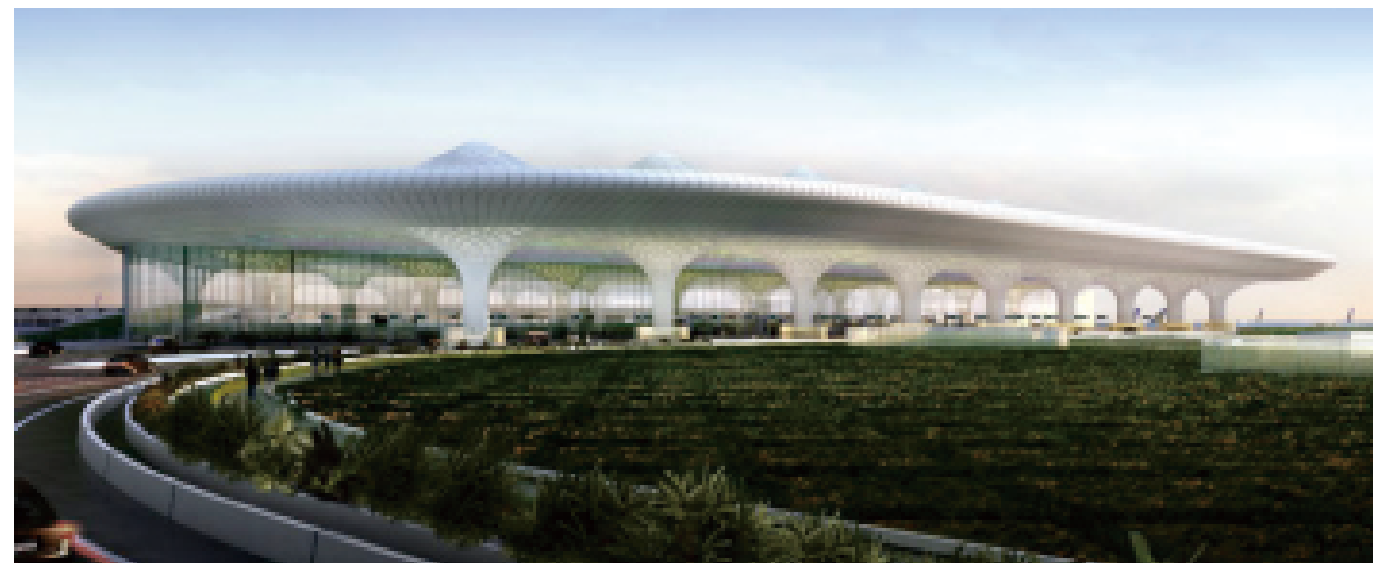
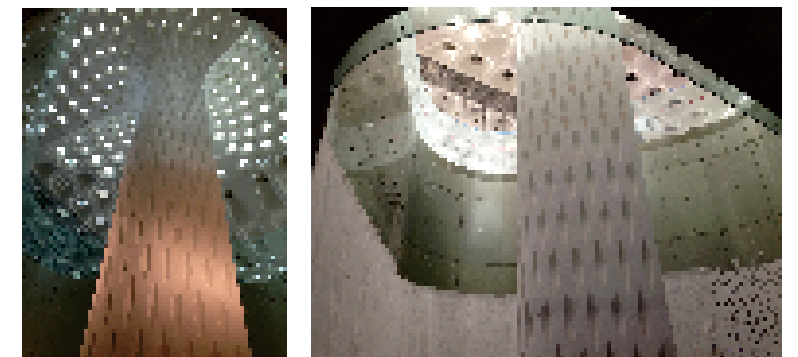
**Location:** Mumbai, India

**Architect:** SOM

**Product:** 12/12mm Laminated Glass with

champagne color paint

**Feature:** Curved Glass

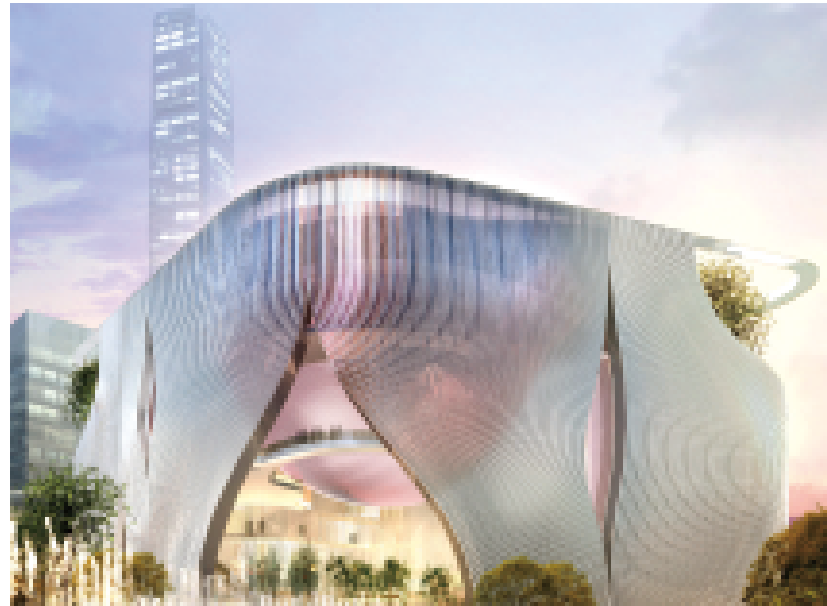


### Xiqu Center

**Location:** Hong Kong

**Architect:** Bing Thom Architects  
and Ronald Lu & Partners  
**Consultant:** Front

**Product:** 12mm Low-E HS+12A+  
15mm Clear TP w/Ceramic Frit #3  
**Coating:** Guardian Neutral 40



### M+ Museum

**Location:** Hong Kong

**Architect:** HERZOG&DEMEURON/  
TFP Farrells  
**Consultant:** ARUP

**Product:** 8mm Low Iron+1.52PVB+  
8mm Low-E+12A+10mm Low Iron  
**Coating:** Guardian SN70/37,10mm  
SN70/41, 12mm SNX60/28, etc.  
**Feature:** 6 different coatings, 20  
different make-ups



### No. 38 Wong Chuk Hang

**Location:** Hong Kong

**Architect:** LCK

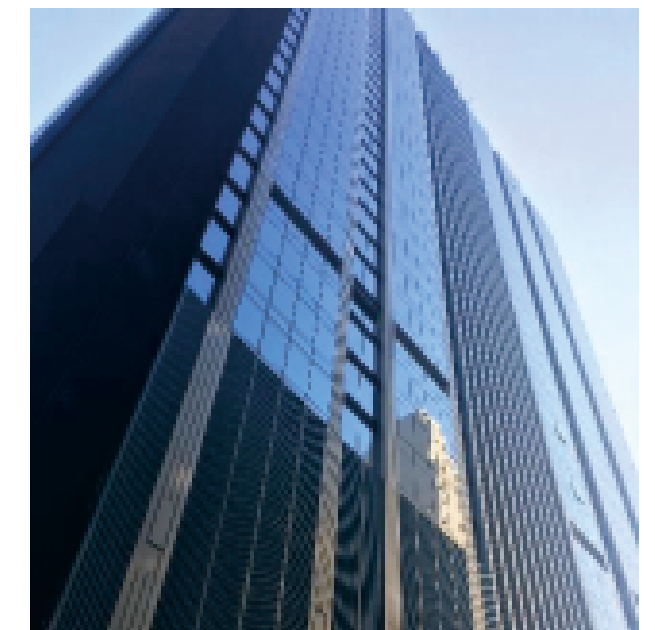
**Product:** 8mm Low-E on  
Solargray+12A+12mm Clear  
**Coating:** PPG Double Silver Solarban 60



### No.41 Heung Yip Road

**Location:** Hong Kong

**Product:** 10mm Reflective Coated Glass  
#1+1.52PVB+8mm On line Low-E coated on  
Grey Glass  
**Coating:** AGC Sunergy Grey & Stopsol  
Supersilver



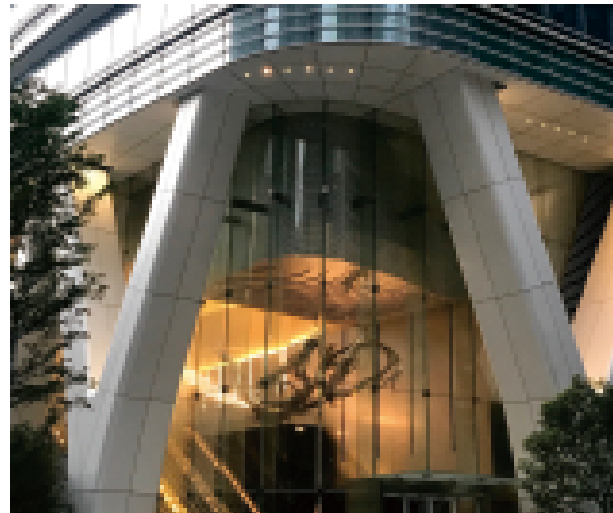
Asia

### 18-30 King Wah Road

**Location:** Hong Kong

**Product:** 19mm+2.67SGP+19mm+2.67SGP+19mm+2.67SGP+19mm+2.67SGP+19mm

**Feature:** Multiple SGP (4 layers) Laminated Glass with size up to 12985mm



### Hong Kong Airport

**Location:** Hong Kong

**Product:** 12 mm clear curved tempered glass with HST +2.33 mm XIR (72-47)+ 10 mm clear curved tempered glass with HST +12 Argon+ 10 mm clear curved tempered glass with HST

**Feature:** Jumbo Size Curved Laminated IGU with XIR



### New Bright Building

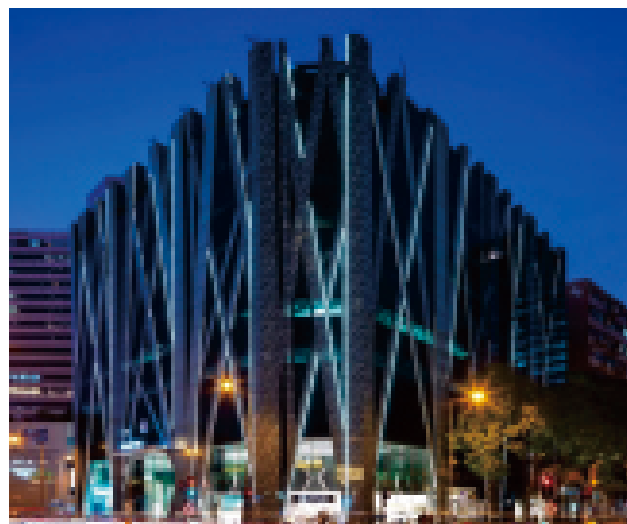
**Location:** Hong Kong

**Architect:** A&T

**Consultant:** Inhabit

**Product:** 12mm clear glass with simulated acid etched frit & white fritted pattern+1.57XIR+12 mm clear glass with white fritted pattern

**Feature:** XIR laminated with ceramic fritting, all irregular shapes



### Disney Land Hotel

**Location:** Hong Kong

**Consultant:** Buro Happold

**Product:** 10mm Low-E FT+12A+10mm Clear FT

**Coatings:** Saint Gobain Double Silver Low-E SKN165



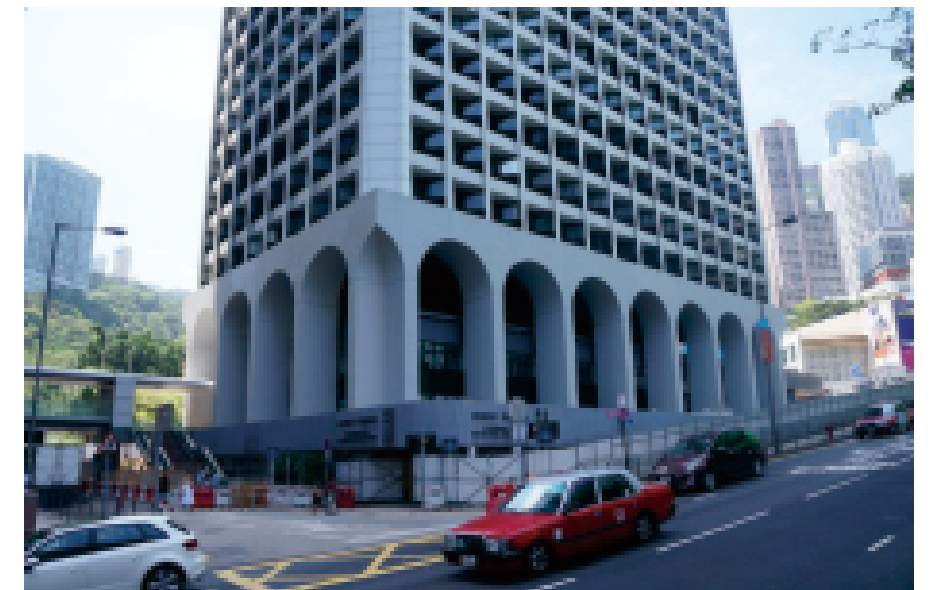
### Murray Building

**Location:** Hong Kong

**Architect:** Foster+Partners

**Product:** 15mm low iron FT /2.28PVB/15mm Low Iron FT

**Feature:** Super wide roof glass with size 3200x3500mm



## North America

### Lucile Packard Children's Hospital Stanford

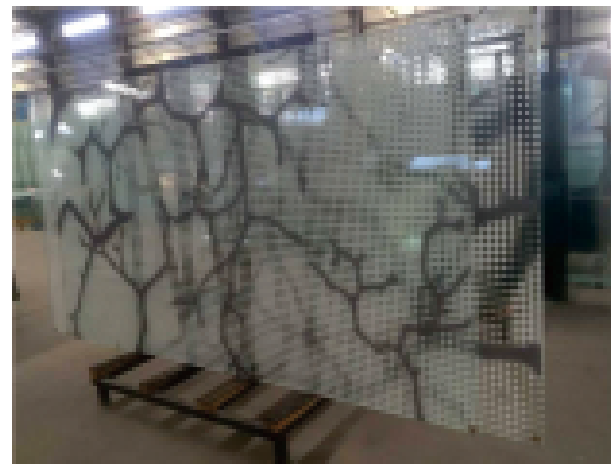
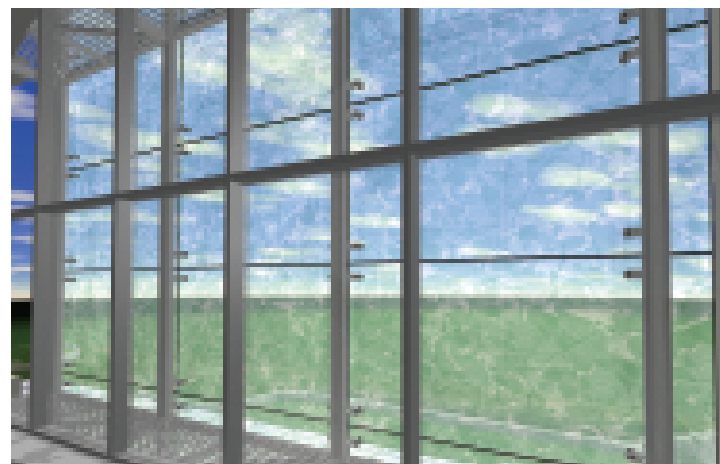
**Location:** USA

**Architect:** Thomas Silva

**Product:** 10mm Low-E on low iron FT HST+12A+10mm low iron FT with frit#3+1.52mm clear pvb+10mm low iron FT HST+1.52mm clear pvb+12mm low iron FT HST

**Coating:** Guardian Double Silver Low-E SN68

**Feature:** specially designed fritting with high definition, multiple laminated IGU



### 609 Main

**Location:** USA

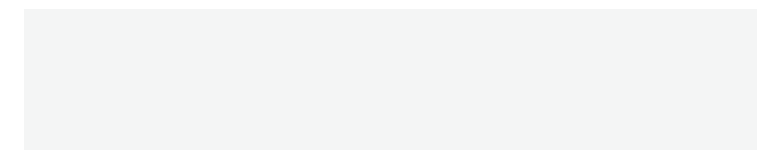
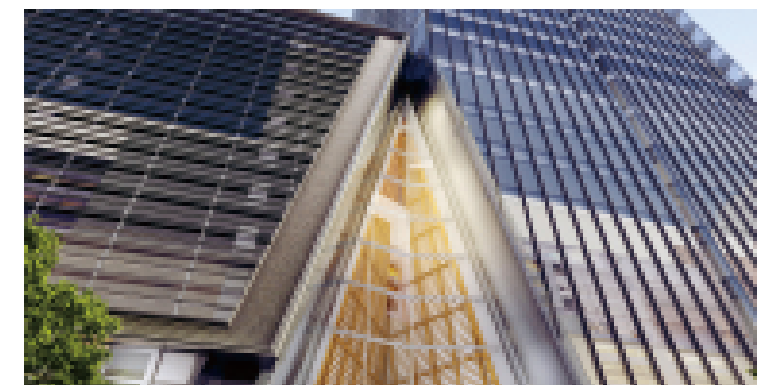
**Architect:** Pickard Chilton

**LEED Pre-registered**

**Product:** 10mm low iron FT+1.52mm SGP+10mm US1.16#4 on low iron FT+12A+12mm low iron FT HST+1.52mm SGP+12 mm low iron FT HST

**Coating:** Jinjing US1.16

**Feature:** SGP Laminated and Insulated with Low-E Coating



## North America

### Penske Porsche

**Location:** USA

**Product:** 6mm Low-E #2 HS+3.04mmSGP+10mm Low iron HS+3.04mm SGP+10mm low iron

**Coating:** PPG Triple Silver Low-E on Starphire Solarban 72

**Feature:** Multiple SGP laminated glass with triple silver Low-E coatings



### Ahermst College

**Location:** Ahermst, USA

**Architect:** Payette

**Product:** 10mm Solarban 72 #2 on starphire FT+18A+6mm low iron FT+12A+8mm Solarban 60 #5 on starphire FT

**Coating:** Vitro-PPG Solarban 72 and Solarban 60 on Starphire

**Feature:** triple glazed units with triple and double silver



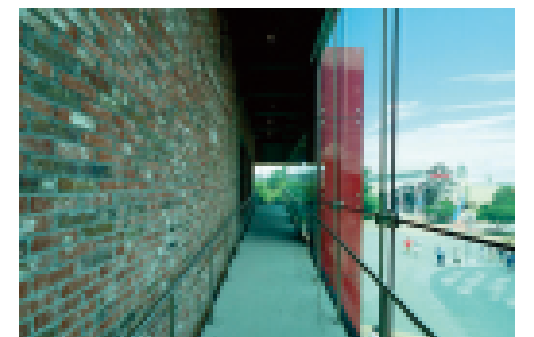
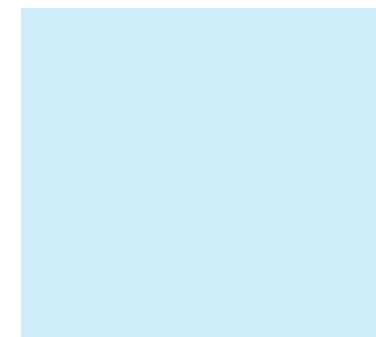
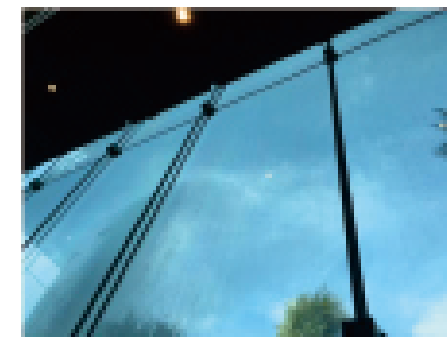
### Coca Cola Museum

**Location:** USA

**Product:** 8mm triple Low-E HS + 2.28mm SGP+8mm clear HS+2.28mm SGP+10mm sunergy clear#6 HS

**Coating:** PPG Triple Silver Low-E on Starphire Solarban 72

**Feature:** Multiple SGP laminated glass with triple silver Low-E coatings





## Sheikh Zayed Mosque

**Location:** Abu Dhabi, UAE

**Architect:** ACG

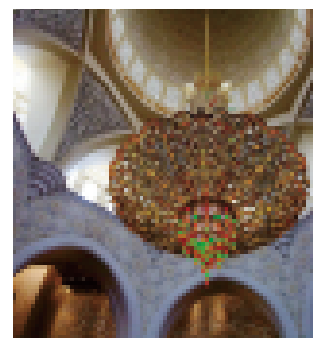
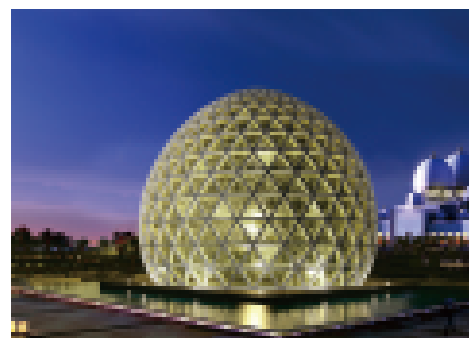
**Consultant:** AFFAN

**Product:** 10mm Low-E FT HST+16mm Air spacer+6mm low iron FT

HST+1.52mm clear PVB+6mm low iron FT HST with RAL 9016 DCF

**Coating:** Guardian HP 60

**Feature:** all triangular shapes with 37 ceramic fritting patterns



## Etihad Museum

**Location:** Dubai, UAE

**Architect:** Moriyama & Teshima Architects

**Consultant:** Wener Sobek

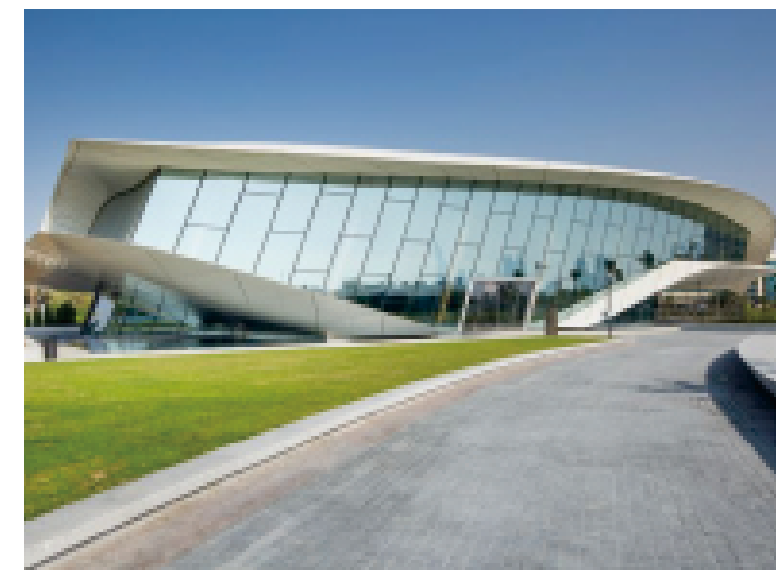
**Product:** 6mm low iron HS +1.52mm clear PVB+6mm reflective

#4 HS +20A warm edge with Argon(black)+12mm low iron HS+

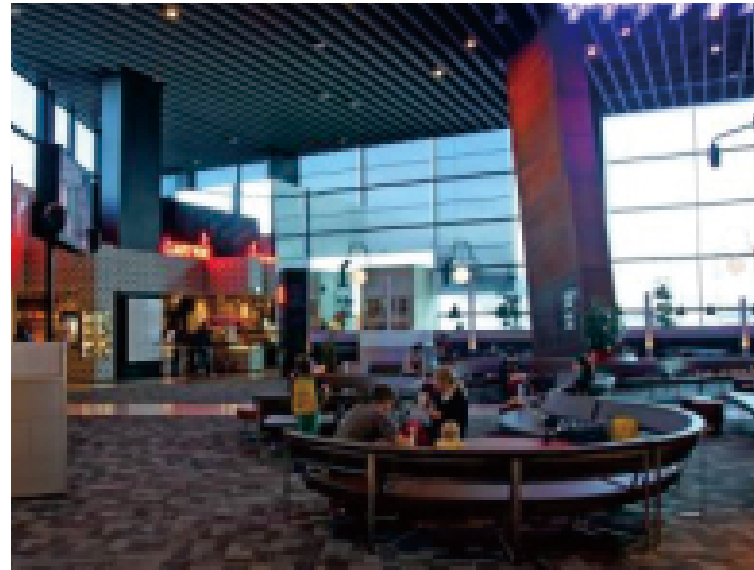
1.52mm clear SGP+12mm low iron HS

**Coating:** Guardian Silver 35, etc.

**Feature:** Jumbo size IGU with total thickness of 75mm; all irregular shapes; 13 meter high glass fins



## Australia



### T4 Melbourne Airport

**Location:** Melbourne, Australia

**Product:** Saint Gobain SKN144 II Low-E IGU



### Sydney University

**Location:** Sydney, Australia

**Architect:** JPW

**Consultant:** Surface Design

**Product:** 6mm low iron HS+0.89 mm SGP+Sefar mesh PR 260/55 brown + 0.89 mm SGP+6mm PTE75A on clear#4 HS+12A black Alu./argon+5mm low iron HS+0.76mm clear PVB+5mm low iron HS

**Coating:** Taiwan PTE75A

**Feature:** complex products with Sefar/SGP Lamination and triple silver Low-E



### Marco Apartment

**Location:** Melbourne, Australia

**Consultant:** Aurecon

**Product:** 8mm Low-E HS+12A+5/1.52PVB/5 Clear HS

**Coating:** Jinjing Double Silver Optisolar D49



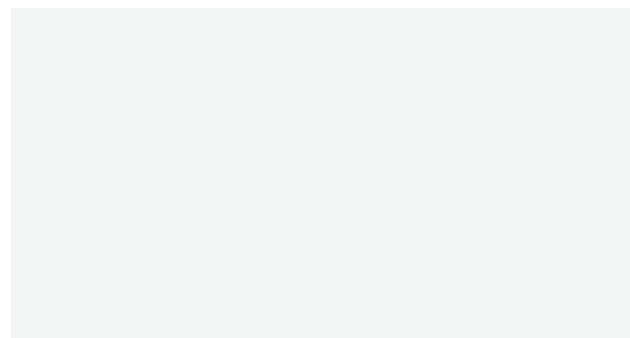
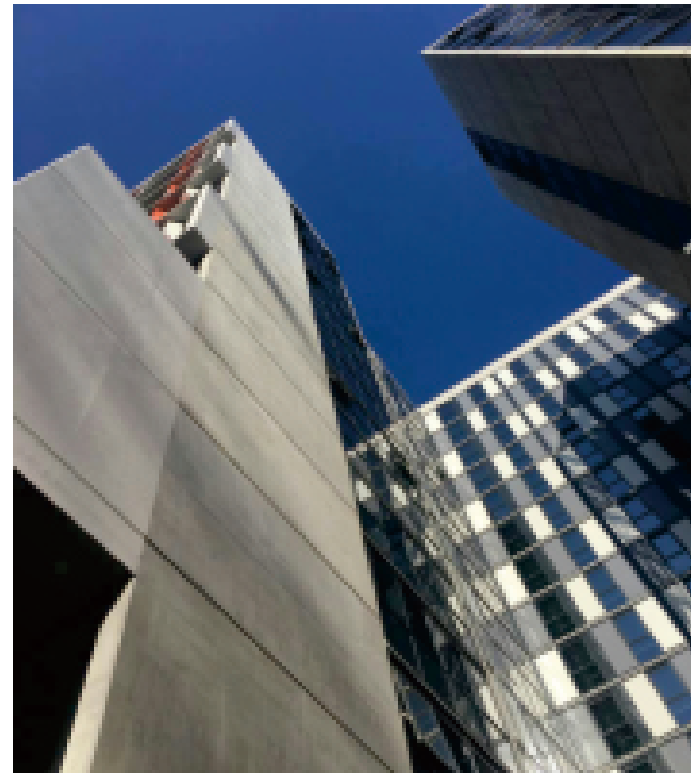
## Australia

### Unilodge

**Location:** Brisbane, Australia

**Product:** 6mm Low-E HS+12A+ 6mm Clear HS

**Coating:** Taiwan Glass PLE 46C/40A/30A



### Brisbane Private Hospital

**Location:** Brisbane, Australia

**Product:** 6mm Low-E HS+12A+ 6mm Clear HS

**Coating:** Taiwan Glass PLE 30A

## China

### Cultural and Arts Center

**Location:** Shenzhen China

**Architect:** Fumihiko Maki

**Product:** 8mm HS+1.52PVB+8mm Low-E

HS+12A+12mmTP

**Coating:** Viracon VE24-85, Guardian SN70/41, ClimaGuard Premium2T on Ultra clear;

**Feature:** combining of three different glass manufacturers to reach the best appearance



### Gucci Store

**Location:** Chengdu China

**Product:** 15/15/15 multiple Low Iron laminated glass with SGP interlayer

**Feature:** Jumbo size up to 11.8 Meters





GnT Reference Project List

LOCATION	PROJECT NAME	ARCHITECT/CONSULTANT	GLASS DESCRPTION	Coating Type
Australia	Mascot job 20		5/6mm Clear+0.38mm Clear PVB+5/6mm Energy Advantage#4	Pilkington Hard Low-E
Australia	Westbourne Esprit		5/6mm Clear+0.38mm Clear PVB+5/6mm Energy Advantage#4	Pilkington Hard Low-E
Australia	East Sale		6mm Euro Grey Heat Strengthened + 12A + 6mm Planibel G (#3) Heat Strengthened	AGC Hard Low-E
Australia	T4 Airport		10mm Saint Gobain double low-e clear HS+ 20A + 5mm clear A/0.76PVB/ 5mm clear A	Saint Gobain Double Low-E
Australia	Marco Apartment	Aurecon	8mm D49 low-e HS+12A+5mm Clear HS+1.52+5mm Clear HS	Jinjing Double Low-E
Australia	Opus		6mm D80 HS+9A+5mm clear+0.38mm PVB+5mm clear	Jinjing Double Low-E
Australia	Adelaide Convention Centre		6mm low iron HS+ 1.52 mm clear PVB+ 6mm UD80 on low iron Low-E #4 HS 12A+ 6mm low iron HS	Jinjing Double Low-E
Australia	UNILODGE		6mm PLE46C#2 HS+12A+6mm Clear HS,6mm PLE30A#2 HS+12A+6mm Clear HS	Taiwan Single Low-E
Australia	Bennelong Apartments		6mm Euro Grey HS+1.52mm Clear PVB +5mm Sunergy clear#4 HS	AGC Hard Low-E
Australia	VCCC		6mm Crystal grey HS/1.52PVB/6mm Sunergy Clear(#4) HS	AGC Hard Low-E
Australia	Sydney University	JPW/Surface Design	6mm low iron HS/0.89SGP/ Sefar mesh PR 260/55 brown 01-00151968/0.89SGP/6mm PTE75A on clear#4 HS+12Ar + 5mm low iron HS/0.76PVB/5mm low iron HS	Taiwan Triple Low-E
UAE	Opus tower	Zaha Hadid/Koltay facades	6mm Clear HS+1.52mm Clear PVB+6mm D80#4 HS+16A black+8mm Clear FT HST	Jinjing Double Low-E
UAE	New York University Abu Dhabi		31.78mm thick low iron FT laminated glass	
UAE	SHEIKH ZAYED MOSQUE	ACG/Ramboll	10mm Guardian HP Neutral 60 on clear FT&HST+16A+6mm low iron FT&HST+1.52mm clear PVB+6mm low iron FT&HST with RAL 9016 DCF, 6*holes, all trianlge shape, 37 printing patterns	Guardian Single Low-E
UAE	Etihad musuem	Moriyama & Teshima Architects/Werner Sobek	Facade vision: 6mm low iron HS/1.52PVB/6mm Guardian Silver 35#4 HS + 20AR+12mm low iron HS/1.52SGP/12mm low iron HS, etc.; total thickness up to 75mm, all odd shape, typical size 2070*5600mm; Structural Glass fin: 4x15mm low iron & 3x1.78SGP laminated glass, up to13 meters	Guardian Single Low-E
UAE	Madinah station		6/8mm low iron FT w/ceramic frit#2+12A black spcer+6/8mm low iron FT;10mm low iron FT+20A black spacer+5mm low iron FT+1.52mm clear PVB+5mm low iron FT	
UAE	Al Fattan tower		12mm clear low-e#2 tempered HST+ 16mm AS + 6mm clear HS+1.52mm clear PVB+6mm clear HS	Taiwan Single Low-E
Singapore	Jewel	Safdie Architects/Arup, BFG, Buro Happold	8mm Solarban 70 on clear #2 HS +16A+ 6mm Clear HS+ 1.52mm clear SGP + 6mm Clear HS etc, 7 different makeup (all triangle shape, 9600 panels)	PPG Triple Low-E
Singapore	Md11	G Facadesign	6mm PPG Solarban 70#2 HS+12A+6mm Euro grey HS	PPG Triple Low-E
Singapore	NTUC		6mm PPG Solarban 70 #2 HS + 12A + 8mm clear HS	PPG Triple Low-E
Singapore	Tangjong Pagar	SOM, Arup	6/8/10/12mm Low Iron Laminated Glass with Frit & Mirror	
Singapore	MEDIA COMPLEX	BFG	10mm low iron tempered HST+1.78mm SGP+10mm low iron tempered HST	
Singapore	Grand Park Hotel		8mm Stopray vision 51T#2 HS + 12mm airspace +8mm clear HS + 1.52mm clear PVB + 8mm clearHS; 8mm Sunergy clear HS+1.52mm clear PVB+8mm clear HS	AGC Double Low-E and Hard Low-E
Singapore	RCS AEI		6mm CLEAR HS+1.52 mm CLEAR PVB+6mm PDE61B ON CLEAR #4+9mm ARGON+6mm CRYSTAL GREY HS	Taiwan Double Low-E
Singapore	La Fiesta		6/8/10/12mm Euro Grey & PPG Graylite Laminated Glass	
Singapore	CHIJMES		10mm clear FT&HST+1.57mm 72-47XIR+10mm AGC sunergy clear #4 FT&HST (1990*4235mm)	XIR and AGC Hard Low-E
Singapore	CIRCULAR PAVILION		8mm AGC Planibel G#2 FT+1.52mm clear PVB+8mm clear with white dot ceramic frit#3 FT	
Singapore	Orchard road		12mm clear HS+1.14PVB+0.05XIR+1.14PVB+12mm clear HS in length 6900mm	XIR
Korea	Hanabank	Summit facade	Curved glass 6mm Solaraban 67/R100 on Optiblue H/S (triple low-e)+ 14Ar + 6mm Solarban 60 on Clear(double low-e) H/S + 14Ar + 6mm Clear H/S	PPG Triple and Double Low-E
Korea	Hyundai Exhibition(Goyang Auto Complex)	DMP & DMAA	Facade vision: 6mm US83/D80 on crystal grey HS/1.52 SGP/8mm low-iron HS+16Ar+8mm low-iron HS/1.52 SGP/6mm low-iron HSStructure glass fin: 5x15mm low iron & 4x1.78SGP laminated glass, up to11.8 meter	Jinjing Single and Double Low-E
Korea	CJ Onlyone R&D Center (Skylight)	Canon Design/ARUP	10mm low iron FT HST with double low e #2 +16A SUPER SPACER +6mm low iron HS with grey dot #3 +SGP+6mm low iron HS	Jinjing Double Low-E

LOCATION	PROJECT NAME	ARCHITECT/CONSULTANT	GLASS DESCRPTION	Coating Type
USA	Amherst Collegue	Payette Associates	10mm Solarban 72 #2 on starphire FT+18A+6mm low iron FT+12A+8mm Solarban 60 #5 on starphire FT; 10mm Solarban 72#2 on starphire FT+12A+5mm low iron FT/1.52pvb/5mm low iron FT	PPG Triple & Double Low-E
USA	Penske Porsche		6mm Solarban 72#2 HS+3.04mmSGP+10mm low iron HS+3.04mm SGP+10mm low iron	PPG Triple Low-E
USA	Univ. of Portland Rec & Wellness Center		10mm UD80 double low-e on low iron FT+12A+12mm low iron FT	Jinjing Double Low-E
USA	833 East Michigan		10mm UD80 on low iron FT+12A+12mm low iron FT	Jinjing Double Low-E
USA	Virginia Samford Theatre (Bham)		8mm D80 on clear FT +1.52mm clear PVB+12mmclear FT/8mm D80 on clear FT+1.52mm clear PVB+12mm clear FT with 40% white ceramic	Jinjing Double Low-E
USA	Coco Cola Musuem		8mm Solarban 72 triple low-e HS + 2.28mm SGP+8mm clear HS+2.28mm SGP+10mm sunergy clear#6 HS	PPG Triple Low-E
USA	One ocean, Saks Fifth Ave, etc.		6mm Solarban 72#2 HS+3.04mmSGP+10mm low iron HS+3.04mm SGP+10mm low iron	PPG Triple Low-E
USA	609 Main	Pickard Chilton	10mm low iron FT/1.52SGP/10mm Single low-e US1.16#4 on low iron FT+12A/20A+12mm low iron FT HST/1.52SGP/12 mm low iron FT HST	Jinjing Single Low-E
USA	1633 Broadway		10mm UD80MK LowE #2 FT+12Argon+10mm low iron FT HST+2.67mm SGP+10mm low iron FT HST	Jinjing Double Low-E
USA	LUCILE PACKARD CHILDREN'S HOSPITAL	Thomas Silva	10mm SN68 on low iron FT HST+12A+10mm low iron FT with frit#3/1.52pvb/10mm low iron FT HST/1.52pvb/12mm low iron FT hst; 4x10mm low iron FT HST & 3x1.52PVB with custom frit	Guardian Double Low-E
USA	Northwestern University	Perkins & Will	8 mm low iron FT HST/1.52pvb/6mm Solarban 72#4 FT HST+18A+6mm low iron FT HST/ frit#5/1.52pvb/6mm low iron FT HST	PPG Triple Low-E
Canada	New Central Library		10mm Solarban 72 LowE #2 FT HST+12Ar8mm olarban #4 HS+12Ar+6mm low iron HS/1.52pvb/6mm low iron HS	PPG Triple Low-E
Canada	Openroad		10mm clear w/ceramic frit#2 FT+20A+10mm XEDB179 LowE#3 FT	XYG Double Low-E
Malaysia	MENARA DNP	Marie Maillard/ARUP	6mm crystal grey HS+1.52mm clear PVB+6mm low iron with mirror chrome finish dot ceramic frit#3 HS metallic effect	
Philippine	Grove		10mm F green tempered	
Hong Kong	HONGKONG AIRPORT		12 mm clear curved FT&HST + 2.33 mm XIR (72-47) + 10 mm clear curved FT&HST +12 Argon+ 10 mm clear curved FT& HST	XIR
Hong Kong	41 Heung Yip road		10mm Stopsol Surpersilver on Clear#1+1.52PVB+8mm Sunergy Grey#3	AGC Reflective and Hard Low-E
Hong Kong	J8827-No.38 Wong Chuk Hang		8mm PPG Solarban 60 on Solargray+12A+12mm clear glass;8mm PPG Solarban60 on Solargray+1.52PVB+8mm clear glass	PPG Doubel Low-E
Hong Kong	CDW-中染大厦第一期		15mm Clear Tempered Glass HST /8mm XETS140 #2 TP + 12A+ 8mm Clear TP HST/10mm XSTY0130-D #2 TP HST	XYG Single Low-E
Hong Kong	Disneyland Hotel	Buro Happold	6/10mmSKN165 II#2+12A+6/10mm Clear glass	Saint Gobain Double Low-E
Hong Kong	King Wah Road		4 Layer 2.67 SGP Low Iron Laminated Glass	
Hong Kong	No. 1 Sheung Foo Street		6/10/12mm Crystal Grey HS Laminated Glass	
Hong Kong	MTR 713		6mm low iron HS+1.57xir+6mm clear HS+12A+6mm low iron HS+1.52pvb+6mm low iron HS;	XIR
Hong Kong	SINGTAO Project		12mm UD80mk+12A+12mm low iron; 31.52 low iron laminated	Jinjing Double Low-E
Hong Kong	Oil Street		10mm ST108 HS+12A+10mm Clear TP	Saint Gobain Reflective
Hong Kong	Xiqu Center		12mm Netural 40#2 HS + 12A + 15mm clear TP w/ ceramic frit#3;	Guardian Single Low-E
Hong Kong	VTC		12mm PLE61B#2 TP + 12A + 12mm clear TP (flat/curved); 10mm PLE61B #2 TP + 12A + 10mm clear TP/1.52PVB /10mm clear TP	Taiwan Double Low-E
Hong Kong	International School		8mm SYA#2+12A+6mm clear	AGC Hard Low-E
Hong Kong	H2 New World Centre	ALT	10/19mm Curved glass + 3.04PVB + 10/19mm Curved glass;19mm Low Iron + 3.04PVB + 19mm Low Iron	
Hong Kong	Harmony at Hysan Avenue	Meinhardt	22+3.04mmPVB+22mm Tempered Low Iron Glass;19+2.28SGP+19mm Tempered Low Iron Glas	
Macau	OMWY	Buro Happold	8mm Anti-reflective Clear HS +12A +8mm Anti-reflective Clear FT	Schott Anti-reflective
Hong Kong	M+ Museum	ARUP	8mm Low Iron+1.52PVB+8mm SN70/37 etc+12A+10mm Low Iron, 7 different coatings	Guardian Double Low-E
Hong Kong	Deep Water Bay		10mm ClimaGuard Premium 2 #2 + 12mm AS + 6mm Ultra Clear + 1.52mm Clear PVB + 6mm Ultra Clear	Guardian Single Low-E
China	Cultural and Arts Center	Fumihiko Maki	8mm SN70/41/ PREMIUM 2T/ VE24-85 ClearHS+1.52PVB+8mm HS+12A+12mmTP	Guardian/Viracon Low-E
China	GUCCI		15mm x4 low iron FT 2.28 SGP, 12X3 low iron FT, wall and RIB, 11.8 meters	
China	COMPLEX		15mm x3 low iron FT 2.28 PVB, SGP with holes and cutouts, RIB glass	
China	Sino ocean tower	Foster and Partners	6mm low iron HS/0.89SGP/SEFAR mesh(3 kinds of PR Red 260/258)/0.89SGP/6mm low iron w/balck ceramic frit or mirror	

Product Performance Data - IGU

Glass make up 玻璃组合	visible light 可见光			Solar energy 太阳能				U-Value (W/m²·K)		Tone
	Trans% 透过率	Ref out% 室外反射	Ref in% 室内反射	Trans% 透过率	Ref% 反射率	SHGC 得热系数	SC 遮阳系数	Winter 冬	Summer 夏	
Quartic & Triple Low-E										
6mm Solarban 70XL#2+12A+6mm clear	64	12	13	25	52	0.27	0.32	1.62	1.56	Neutral
6mm Solarban 90#2+12A+6mm clear	51	12	19	19	37	0.23	0.27	1.63	1.57	Light grey
6mm Solarban R100#2+12A+6mm clear	42	32	13	19	41	0.23	0.27	1.66	1.61	Silver grey
6mm SNX62/27#2+12A+6mm clear	62	11	12	23	39	0.27	0.31	1.63	1.56	Neutral
6mm SNX51/23#2+12A+6mm clear	51	14	13	19	34	0.23	0.27	1.63	1.56	Light grey
6mm XTREME 70/33 II +12A+6mm clear	69	11	13	26	41	0.3	0.34	1.62	1.56	Neutral
6mm XTREME 60/28 II +12A+6mm clear	60	14	16	22	48	0.26	0.3	1.64	1.58	Neutral
6mm XTREME 50/22 II +12A+6mm clear	47	16	17	16	38	0.2	0.23	1.62	1.55	Blue grey
6mm SUPERSELEKT 60/27+12A+6mm clear	59	16	15	22	43	0.26	0.3	1.62	1.55	Neutral
6mm SUPERSELEKT 35/14+12A+6mm clear	35	15	22	10	32	0.15	0.18	1.63	1.57	Blue grey
6mm PTE75A+12A+6mm clear	67	12	15	27	40	0.31	0.35	1.61	1.54	Neutral
6mm PTE70A+12A+6mm clear	60	11	15	22	39	0.27	0.31	1.62	1.55	Neutral
6mm PTE65A+12A+6mm clear	57	9	14	21	36	0.27	0.31	1.62	1.55	Blue
6mm PTE60A+12A+6mm clear	53	11	17	20	35	0.24	0.28	1.61	1.54	Blue grey
Double Low-E										
6mm Solarban 60#2+12A+6mm clear	71	10	11	34	28	0.39	0.45	1.66	1.6	Neutral
6mm Solarban 67#2+12A+6mm clear	54	19	16	25	34	0.29	0.34	1.66	1.6	Blue
6mm SN 68#2+12A+6mm clear	68	11	12	33	32	0.38	0.44	1.66	1.61	Neutral
6mm SN 54#2+12A+6mm clear	54	14	19	24	34	0.29	0.33	1.64	1.58	Light grey
6mm SNR 43#2+12A+6mm clear	43	27	13	19	42	0.23	0.26	1.64	1.58	Silver grey
6mm SN 70/37#2+12A+6mm clear	69	12	13	31	40	0.35	0.4	1.63	1.57	Neutral
6mm SN 62/34#2+12A+6mm clear	62	14	17	27	41	0.31	0.36	1.64	1.58	Neutral
6mm SN 51/28#2+12A+6mm clear	50	12	22	22	41	0.26	0.3	1.64	1.57	Blue grey
6mm SN 40/23#2+12A+6mm clear	39	16	31	18	39	0.23	0.26	1.64	1.58	Blue grey
6mm SN 29/18#2+12A+6mm clear	28	18	30	17	38	0.18	0.21	1.65	1.59	Blue grey
6mm SKN 176 II #2+12A+6mm clear	69	13	14	30	38	0.34	0.39	1.62	1.55	Neutral
6mm SKN 165 II #2+12A+6mm clear	60	16	18	27	37	0.32	0.36	1.64	1.58	Neutral
6mm SKN 154 II #2+12A+6mm clear	51	19	22	22	32	0.26	0.3	1.62	1.55	Blue grey
6mm SKN 144 II #2+12A+6mm clear	41	20	14	17	33	0.22	0.25	1.65	1.59	Silver grey
6mm Stopray vision 72T#2+12A+6mm clear	71	13	14	31	42	0.35	0.4	1.65	1.59	Neutral
6mm Stopray vision 61T#2+12A+6mm clear	61	13	13	27	38	0.31	0.36	1.61	1.54	Neutral
6mm Stopray vision 51T#2+12A+6mm clear	51	14	14	22	40	0.26	0.3	1.62	1.56	Blue grey
6mm Stopray vision 40T#2+12A+6mm clear	40	19	15	16	46	0.2	0.23	1.63	1.56	Blue grey
6mm Stopray vision 60T#2+12A+6mm clear	59	14	20	31	33	0.36	0.41	1.64	1.57	Neutral
6mm Stopray vision 50T#2+12A+6mm clear	48	17	21	23	30	0.29	0.33	1.63	1.57	Blue grey
6mm SELEKT 74/42#2+12A+6mm clear	74	12	13	35	36	0.4	0.46	1.65	1.59	Neutral
6mm COMBI Neutral 70/35#2+12A+6mm clear	69	14	15	31	36	0.35	0.4	1.65	1.59	Neutral
6mm COMBI Neutral 61/32#2+12A+6mm clear	61	14	12	28	37	0.32	0.37	1.65	1.59	Neutral
6mm COMBI Neutral 51/26#2+12A+6mm clear	51	15	20	22	38	0.26	0.3	1.65	1.59	Blue grey
6mm COMBI Neutral 40/21#2+12A+6mm clear	39	10	12	16	21	0.22	0.25	1.65	1.59	Blue grey
6mm COMBI Silver 30/21#2+12A+6mm clear	29	20	14	16	28	0.22	0.25	1.69	1.65	Silver grey
6mm Suncool 70/40#2+12A+6mm clear	70	10	12	34	31	0.39	0.45	1.66	1.6	Neutral
6mm Suncool 70/35#2+12A+6mm clear	69	16	17	30	39	0.34	0.39	1.63	1.57	Neutral
6mm Suncool 66/33#2+12A+6mm clear	65	16	17	29	36	0.33	0.38	1.63	1.57	Neutral
6mm Suncool 50/25#2+12A+6mm clear	49	19	21	21	37	0.25	0.29	1.63	1.57	Blue
6mm Suncool 40/22#2+12A+6mm clear	39	20	14	17	34	0.22	0.25	1.65	1.59	Blue grey
6mm Suncool 30/16#2+12A+6mm clear	29	27	26	13	38	0.18	0.21	1.65	1.59	Silver grey
6mm D80#2+12A+6mm clear	70	13	13	33	34	0.37	0.43	1.66	1.6	Neutral
6mm D70#2+12A+6mm clear	62	16	18	31	26	0.36	0.41	1.71	1.68	Neutral
6mm D57#2+12A+6mm clear	51	15	13	23	30	0.28	0.32	1.69	1.64	Light grey
6mm D49#2+12A+6mm clear	46	15	13	21	32	0.25	0.29	1.69	1.64	Blue grey
6mm D45#2+12A+6mm clear	40	25	15	17	39	0.21	0.24	1.68	1.63	Silver blue
6mm PDE75A#2+12A+6mm clear	67	11	13	32	33	0.37	0.43	1.65	1.59	Neutral
6mm PDE66A#2+12A+6mm clear	60	10	11	29	35	0.33	0.38	1.65	1.59	Blue grey
6mm PDE61B#2+12A+6mm clear	55	18	18	23	36	0.27	0.31	1.67	1.62	Blue
6mm PDE53A#2+12A+6mm clear	48	7	14	23	30	0.28	0.32	1.64	1.57	Light grey
Single Low-E										
6mm S1.16#2+12A+6mm clear	80	13	13	50	24	0.57	0.65	1.72	1.69	Neutral
6mm S83#2+12A+6mm clear	75	12	13	46	20	0.53	0.61	1.75	1.72	Neutral
6mm OptithermTM S3#2+12A+6mm clear	78	12	13	49	24	0.56	0.64	1.71	1.68	Neutral
6mm Premium 2T#2+12A+6mm clear	80	12	12	52	27	0.58	0.67	1.67	1.62	Neutral
6mm EN 2plus#2+12A+6mm clear	80	11	11	49	25	0.55	0.63	1.69	1.65	Neutral
6mm PLANITHERM XN II #2+12A+6mm clear	80	12	12	52	28	0.58	0.67	1.67	1.62	Neutral
6mm PLE82A04#2+12A+6mm clear	72	10	13	44	20	0.52	0.6	1.79	1.78	Neutral
6mm PLE70A02#2+12A+6mm clear	64	11	11	40	18	0.45	0.52	1.73	1.7	Light blue
6mm PLE61B#2+12A+6mm clear	55	15	11	32	20	0.4	0.46	1.78	1.76	Blue grey
6mm PLE48E03#2+12A+6mm clear	44	29	12	28	34	0.33	0.38	1.73	1.7	Silver grey
6mm PLE45E#2+12A+6mm clear	38	27	11	24	28	0.28	0.33	1.71	1.67	Silver grey
6mm PLE35F#2+12A+6mm clear	33	37	17	18	42	0.23	0.26	1.63	1.57	Silver

PERFORMANCE DATA

Product Performance Data - Laminated and Monolithic

Glass make up 玻璃组合	visible light 可见光			Solar energy 太阳能				U-Value (W/m²·K)		Tone
	Trans% 透过率	Ref out% 室外反射	Ref in% 室内反射	Trans% 透过率	Ref% 反射率	SHGC 得热系数	SC 遮阳系数	Winter 冬	Summer 夏	
Laminated Glass										
6mm low iron+1.52mm clear PVB+6mm low iron	90	8	8	78	7	0.82	0.94	5.5	5	Neutral
6mm clear+1.52mm clear PVB+6mm clear	88	8	8	70	7	0.78	0.89	5.5	5	Neutral
6mm F-green+1.52mm clear PVB+6mm clear	71	6	6	38	5	0.55	0.63	5.5	5	Green
6mm light blue+1.52mm clear PVB+6mm clear	71	6	6	47	5	0.6	0.69	5.5	5	Blue
6mm ocean blue+1.52mm clear PVB+6mm clear	54	6	6	37	5	0.54	0.62	5.5	5	Blue
6mm crystal grey+1.52mm clear PVB+6mm clear	62	6	6	50	5	0.62	0.71	5.5	5	Grey
6mm euro grey+1.52mm clear PVB+6mm clear	42	5	5	37	5	0.53	0.61	5.5	5	Grey
6mm bronze+1.52mm clear PVB+6mm clear	47	6	6	45	5	0.54	0.62	5.5	5	Bronze
6mm clear+1.52mm clear PVB+6mm planibel g#4	78	10	11	55	8	0.61	0.7	3.5	2.8	Neutral
6mm F-green+1.52mm clear PVB+6mm planibel g#4	65	7	8	30	5	0.45	0.51	3.5	2.8	Green
6mm crystal grey+1.52mm clear PVB+6mm planibel g#4	56	7	8	38	6	0.5	0.57	3.5	2.8	Grey
6mm euro grey+1.52mm clear PVB+6mm planibel g#4	39	5	7	29	5	0.44	0.5	3.5	2.8	Grey
6mm clear+1.52mm clear PVB+6mm sunergy clear#4	65	8	10	47	8	0.56	0.64	4	3.3	Neutral
6mm F-green+1.52mm clear PVB+6mm sunergy clear#4	53	7	9	28	6	0.4	0.46	4	3.3	Green
6mm crystal grey+1.52mm clear PVB+6mm sunergy clear#4	50	8	9	34	8	0.46	0.53	4	3.3	Grey
6mm euro grey+1.52mm clear PVB+6mm sunergy clear#4	35	6	9	30	6	0.38	0.44	4	3.3	Grey
6mm low iron+1.57mm XIR72/47 flim+6mm low iron	74	8	8	41	27	0.5	0.57	5.5	5	Light grey
6mm low iron+1.57mm XIR72/41 flim+6mm low iron	73	9	9	34	38	0.43	0.49	5.5	5	Light grey
6mm clear+1.57mm XIR72/47 flim+6mm clear	71	8	8	37	22	0.47	0.54	5.5	5	Light grey
6mm clear+1.57mm XIR72/41 flim+6mm clear	70	8	8	30	30	0.41	0.47	5.5	5	Light grey
6mm crystal grey+1.57mm XIR72/47 flim+6mm clear	45	6	6	23	21	0.42	0.48	5.5	5	Grey
6mm crystal grey+1.57mm XIR72/41 flim+6mm clear	44	6	6	20	29	0.37	0.42	5.5	5	Grey
6mm clear+1.57mm XIR72/47 flim+6mm planibel g#4	65	9	11	33	22	0.42	0.48	3.5	2.8	Light grey
6mm clear+1.57mm XIR72/41 flim+6mm planibel g#4	63	10	11	28	30	0.36	0.42	3.5	2.8	Light grey
6mm clear+1.57mm XIR72/47 flim+6mm SY-48#4	42	6	8	20	19	0.32	0.39	4.1	3.4	Grey
6mm clear+1.57mm XIR72/41 flim+6mm SY-48#4	41	7	9	18	29	0.28	0.32	4.1	3.4	Grey
6mm Solarban 72#2+1.52mm clear PVB+6mm Starphire	69	15	17	26	54	0.32	0.37	5.4	4.9	Neutral
6mm Solarban 70XL#2+1.52mm clear PVB+6mm clear	60	14	16	23	50	0.31	0.36	5.4	4.9	Neutral
6mm Solarban 60#2+1.52mm clear PVB+6mm clear	72	9	10	33	28	0.45	0.52	5.4	4.9	Neutral
6mm Solarban R100#2+1.52mm clear PVB+6mm clear	42	28	11	17	42	0.31	0.35	5.4	4.9	Silver grey
Monolithic										
6mm low iron	91	8	8	90	8	0.9	1.04	5.81	5.25	Neutral
6mm clear	89	8	8	81	7	0.84	0.97	5.81	5.15	Neutral
6mm F-green	75	7	7	44	6	0.6	0.69	5.81	5.25	Green
6mm light bule	74	7	7	54	6	0.64	0.73	5.81	5.25	Blue
6mm ocean blue	55	6	6	45	5	0.6	0.69	5.81	5.25	Blue
6mm crystal grey	64	6	6	57	6	0.67	0.77	5.81	5.25	Grey
6mm euro grey	43	5	5	43	5	0.59	0.68	5.81	5.25	Grey
6mm greylite	9	4	5	8	4	0.31	0.36	5.81	5.25	Black
6mm bronze	50	5	5	46	5	0.61	0.71	5.81	5.25	Bronze
6mm planibel g#2	81	11	12	67	10	0.71	0.82	3.87	3.06	Neutral
6mm sunergy clear#2	68	9	10	52	9	0.6	0.69	4.12	3.36	Neutral
6mm sunergy green#2	56	7	9	28	6	0.43	0.49	4.12	3.36	Green
6mm sunergy azur#2	56	7	9	31	6	0.45	0.52	4.12	3.36	Blue
6mm sunergy gray#2	36	5	9	29	6	0.43	0.5	4.12	3.36	Grey
6mm sunergy dark blue#2	40	6	9	22	6	0.33	0.38	4.12	3.36	Blue
6mm SY-48#2	52	7	8	38	8	0.5	0.58	4.4	3.7	Light grey
6mm stopsol supersilver clear#2	62	34	35	65	22	0.69	0.79	5.82	5.25	Neutral
6mm stopsol classic clear#2	38	27	34	49	21	0.58	0.67	5.81	5.24	Bronze
6mm PSL20F-02#2	21	33	22	18	26	0.32	0.37	4.94	4.31	Silver grey
6mm PSL30B#2	31	14	25	25	12	0.43	0.49	5.37	4.78	Grey
6mm GOLD32#2	32	35	8	21	16	0.4	0.46	5.42	4.83	Glod
6mm PSL40E#2	42	25	9	33	21	0.5	0.57	5.38	4.79	Silver grey
6mm GOLD45#2	45	22	13	36	19	0.48	0.55	5.34	4.75	Glod
6mm PSL45C#2	46	19	13	40	11	0.52	0.6	5.59	5.02	Blue
6mm PSL50C02#2	51	18	16	44	15	0.56	0.64	5.55	4.97	Silver grey
6mm PSL60B02#2	61	11	17	57	13	0.68	0.78	6.13	5.57	Grey
6mm PSL72C#2	72	17	19	64	15	0.74	0.85	6.2	5.64	Light grey
6mm PSL78C#2	79	13	15	68	12	0.78	0.89	6.12	5.57	Light grey
Antireflective and self cleaning										
6mm antireflective single side	94	4.5	4.6	84	11	0.85	0.98	5.81	5.25	Neutral
6mm antireflective double side	97.5	0.7	0.7	82	12	0.83	0.95	5.81	5.25	Neutral
13.52mm antireflective double side#1&#4	96	0.7	0.7	73	11	0.76	0.88	5.52	5	Neutral
6mm ActiveTM clear(self-cleaning)	82	15	15	75	12	0.79	0.9	5.81	5.25	Neutral
6mm ActiveTM blue(self-cleaning)	49	14	9	32	11	0.5	0.57	5.81	5.25	Blue
6mm MiropaneTM(one-way mirror)	11	16	68	26	10	0.46	0.53	5.83	5.27	Silver