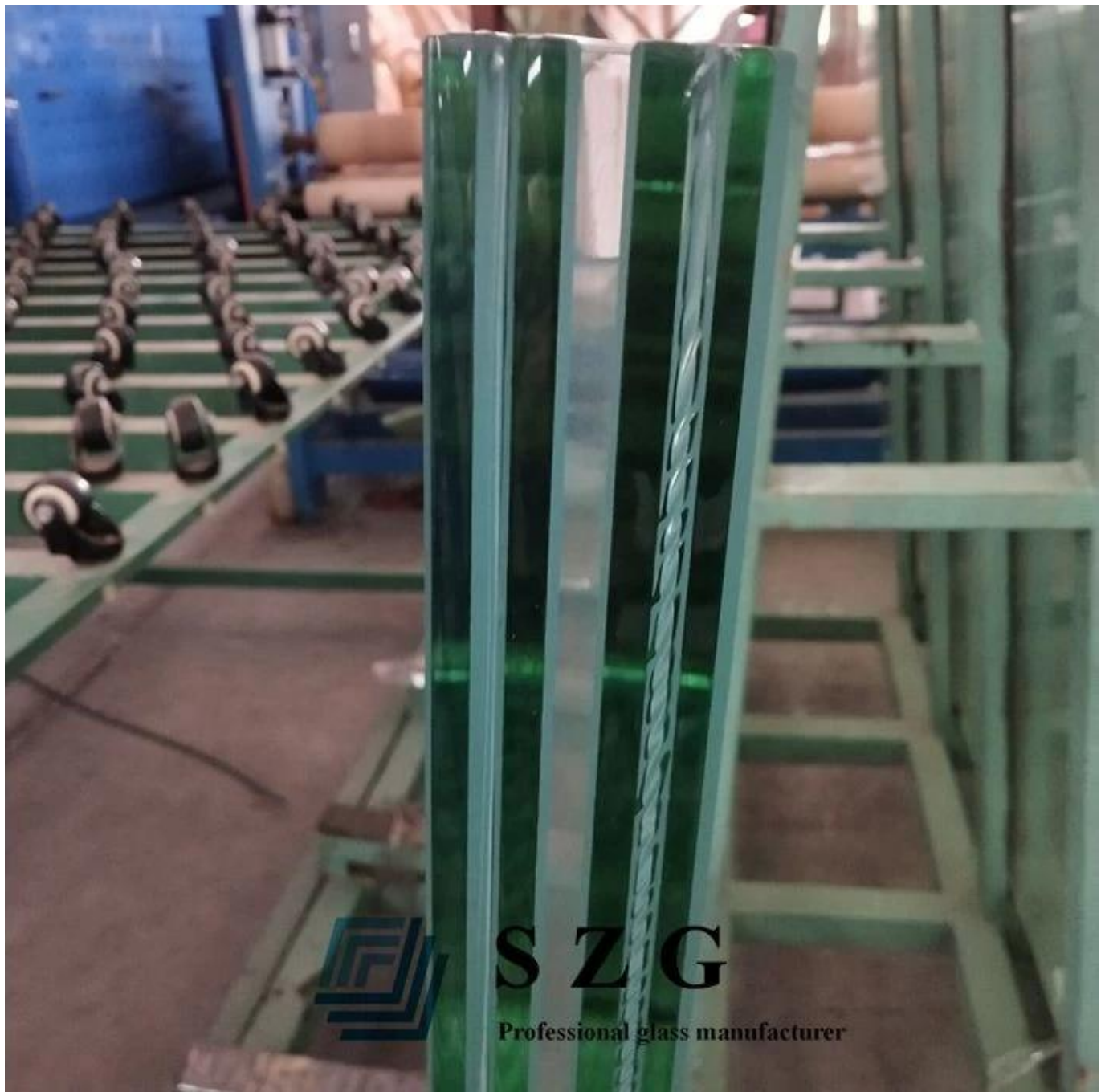
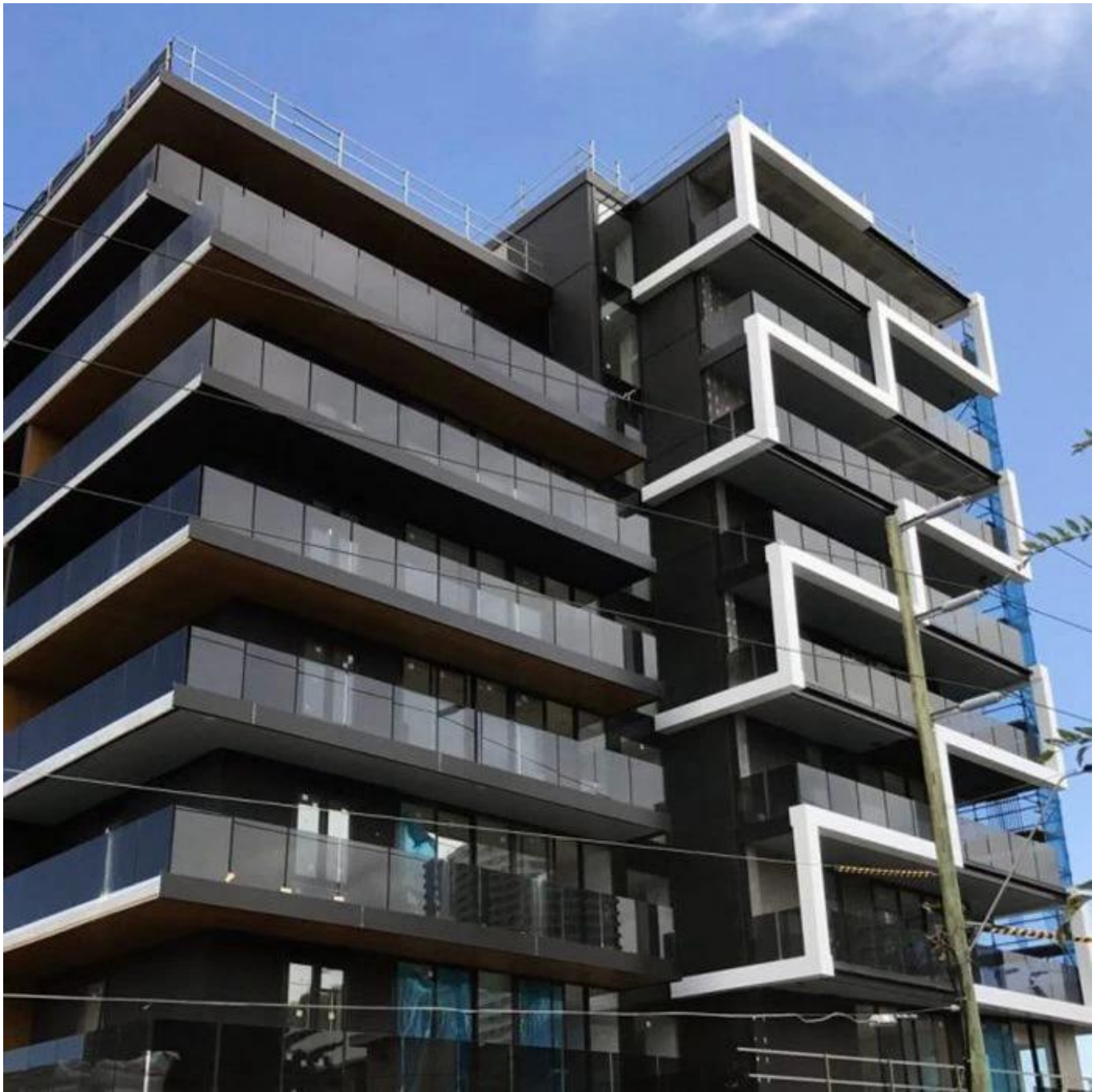


## **SZG 10 mm + 1,52 mm SGP película + 10 mm de vidrio laminado templado - Mejor marca de vidrio laminado SGP en la industria del vidrio de construcción de China**

En comparación con PVB y EVA, el vidrio laminado SGP tiene la mayor resistencia y cohesión, lo que facilita su adaptación a los requisitos más recientes y más estrictos del mercado de la construcción actual.

El vidrio laminado a prueba de huracanes de 21.52 mm SGP está compuesto por dos capas de [Vidrio templado de 10 mm](#) y con película SGP entre capas. Se utiliza ampliamente en el área necesita considerar la seguridad humana.









**S Z G**

Professional glass manufacturer





## **Especificación:**

Marca SGP: DuPont o Saflex SOLUTIA según la solicitud de los clientes

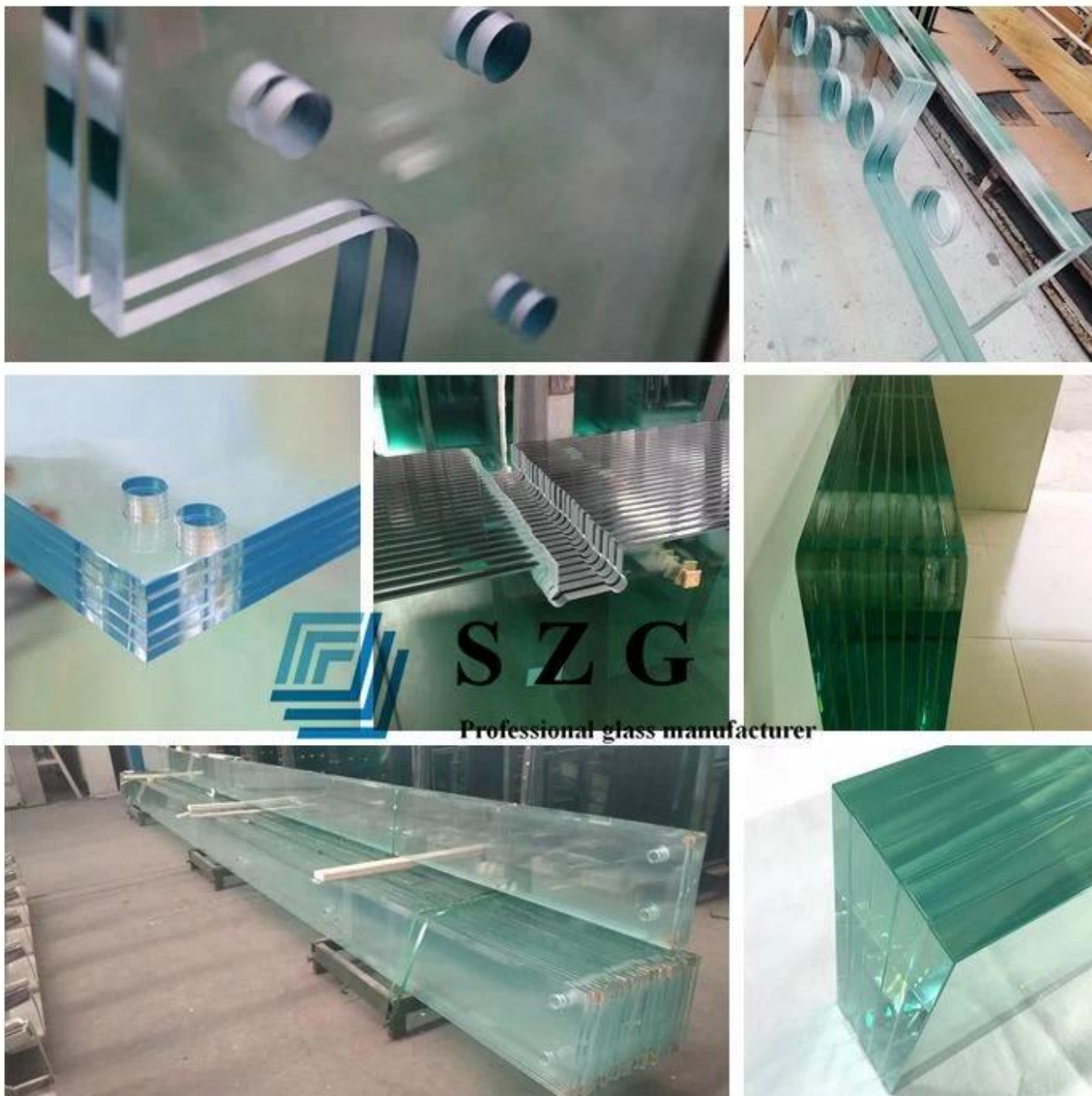
Tamaño máximo SGP: 6000 mm (longitud) \* 2500 mm (ancho), se puede personalizar según la demanda de los clientes

Grosor de película SGP Sentry: 0,89 mm / 1,52 mm / 2,28 mm

Opciones de sustrato de vidrio: vidrio ultra claro, vidrio transparente, vidrio tintado, vidrio reflectante, vidrio serigrafiado, vidrio Low-E , vidrio esmerilado, etc.

Espesor de vidrio laminado SGP: vidrio laminado SGP de 11.52 mm, vidrio laminado SGP de 13.52 mm, vidrio laminado SGP de 17.52 mm, vidrio laminado SGP de 25.52 mm, etc.

Forma de vidrio: tanto el vidrio laminado plano como el vidrio laminado curvo están disponibles, se personalizarán según el dibujo de los clientes.

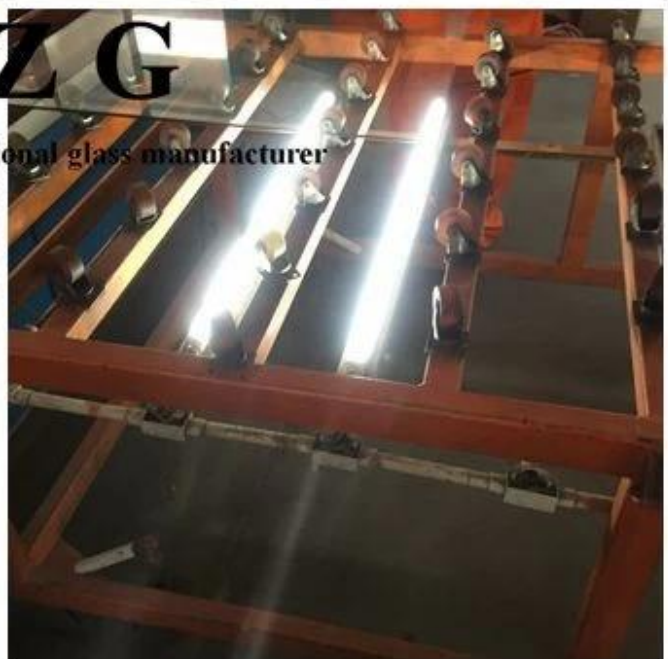
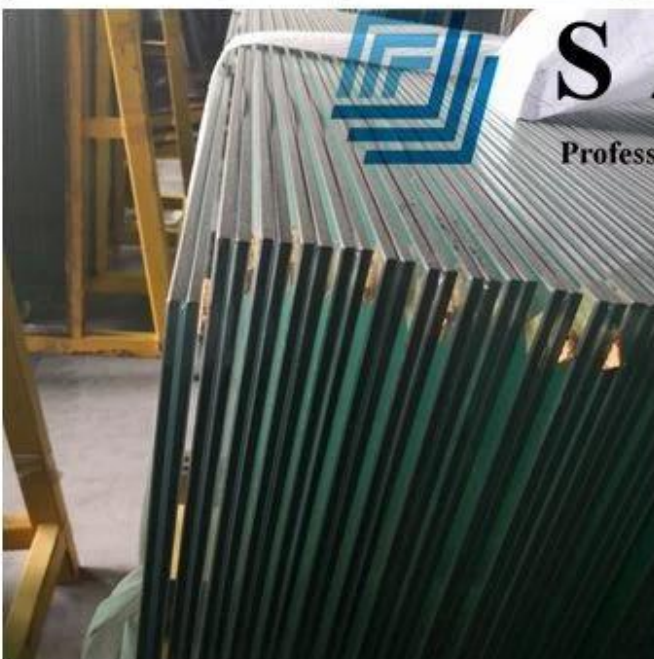


### características:

1. La dureza del vidrio sgp es 100 veces mayor que el vidrio laminado PVB y la resistencia al desgarro del vidrio laminado sgp es 5 veces mayor que el vidrio laminado PVB.



2. El vidrio laminado SGP tiene la función de resistencia a huracanes, puede resistir tormentas más grandes debido a ello con la más alta adherencia.
3. El vidrio laminado SGP puede usarse como vidrio a prueba de balas y puede mejorar el rendimiento del vidrio a prueba de balas.
4. Después de años de exposición, el vidrio laminado sgp es extremadamente duradero y resistente, mantiene el vidrio impecable y transparente.
5. El vidrio laminado de película sgp es adecuado para diseño sin marco al aire libre, como barandas de balcones, etc., no absorberá el agua en el aire.
6. Excelente rendimiento de seguridad después de roto.



**S Z G**  
Professional glass manufacturer

## Datos técnicos laminados SGP

Material Performance	SGP	PVB
Tensile Strength MPA	34.5	28.1
Tear Strength MJ/m3	50	10-15
Fracture Expansion Rate	400%	275%
Haze Degree	<<2%	<2%
Yellow Index	<1.5	6-12
Index of Refraction	1.5	1.47~1.5
Transmittance 6mm Clear+1.52mm+6mm Clear	89%	89%
UV Resistance Rate 3mm Clear+0.38mm+6mm Clear	99.9%	99.9%
Ignition Point	470°C	410°C
Flame Spread Index	30	60
Combustion Smoke Index	215	350

### Aplicación SGP:

Como el vidrio laminado SGP tiene un rendimiento excelente, se ha utilizado ampliamente en diversas industrias. Con seguridad, belleza y una combinación única de mayor demanda, el vidrio laminado SGP tiene una amplia aplicación en la construcción, vea a continuación:

1. Pasarela de vidrio, puente de vidrio, piso de vidrio, etc.
2. Diseño al aire libre, como barandas de balcones, cercas de piscinas.
3. Fachada de vidrio, muro cortina de vidrio, etc.
4. Techo de vidrio, claraboya de vidrio, cúpula de vidrio, etc.





## Certificados de calidad:

El vidrio laminado SZG Sgp produce estrictamente el sistema de calidad ISO9001. Pasa los estándares de calidad nacionales e internacionales ver a continuación:

1. La baranda de balcón de vidrio laminado SGP de 21.52 mm cumple con el estándar de calidad chino CCC Certificated.
2. La barandilla de balcón de vidrio laminado SGP de 21.52 mm cumple con el estándar europeo EN14449, E12510 y el estándar estadounidense SGCC ANSI Z97.



3. La barandilla de balcón de vidrio laminado SGP de 21.52 mm cumple con el estándar británico BS6206.
4. La barandilla de balcón de vidrio laminado SGP de 21.52 mm cumple con los estándares GB9962 y GB15763.2 de China Construction Glass.
5. La barandilla del balcón de vidrio laminado SGP de 21.52 mm cumple con la prueba Israel SII.



**Verification of Conformity**  
No. 1870421200000

**Glass in building - Laminated glass and laminated safety glass -  
Evaluation of conformity / Product standard  
EN 14449:2005**  
(This standard is covered by the registered patent 1000000000000)

The product in the certificate, laminated safety glass manufactured by SHENZHEN SUN GLOBAL GLASS CO., LTD. was submitted for the manufacturer's Performance Testing according to the above-mentioned European standard. The results obtained, together with the applicable requirements, the test results and the content of the certificate of conformity, are stated in the main document. The results shown shall be kept on the certificate and also in the above-mentioned document as a permanent record.

**Company Name:** SHENZHEN SUN GLOBAL GLASS CO., LTD.  
**Address:** #2, Qianghua Road, Shuangzhen Industrial Zone, Qianghua, Shenzhen, Guangdong, China

**Manufacturer Name:** SHENZHEN SUN GLOBAL GLASS CO., LTD.  
**Address:** #2, Qianghua Road, Shuangzhen Industrial Zone, Qianghua, Shenzhen, Guangdong, China

**Product:** Laminated Safety Glass  
**Model:** SHENZHEN SUN GLOBAL GLASS CO., LTD.  
**Material:** SHENZHEN SUN GLOBAL GLASS CO., LTD.  
**Test Method:** EN 12150-2:2004

Shenzhen, 27 October 2017

  
Responsible Manager, TUV Rheinland



  
**QUALITY MANAGEMENT SYSTEM  
CERTIFICATE**

Certificate No. 1870421200000

We hereby certify that  
**Shenzhen Sun Global Glass Co., Ltd**  
located at: **Room 27, Floor 1, Qianghua Industrial Zone, Honggang, Longgang, Shenzhen, Guangdong, China**  
is in accordance with  
**Quality Management System**  
has been awarded this certificate for conformity with the standard  
**ISO 9001:2015**

The Quality Management System Applies to the following area:  
**Rules of Building Glass (Heat Glass, Tempered Glass, Laminated Glass, Insulated Glass, Mirror Glass and other Building Glass)**  
**Applicable Clause:**

Date of Issue: Nov 09, 2016      Date of Validity: Nov 09, 2019

Surveillance Audit (The first time)	Surveillance Audit (The second time)	Surveillance Audit (The third time)

(The quality management system is subject to yearly surveillance audit under the period of validity the certificate is valid only, which used together with an appropriate record of surveillance audit issued by SGS.)

Signed by: 

This certificate and its relevant information can access to the website: [www.sgs.com.cn](http://www.sgs.com.cn)

SHENZHEN SUN GLOBAL GLASS CO., LTD. (CHINA)  
Address: #2, Qianghua Road, #27, Qianghua Industrial Zone, Honggang, Longgang, Shenzhen, Guangdong, China

Certificate No. 1870421200000

**EC Declaration of CPD Conformity**

The following product has been tested by TüV Rheinland Laboratories Ltd. and the test results and found to be in conformity with the CE Marking Directive of 93/68/EEC. It is possible to use CE marking to demonstrate the conformity with the CPD Directive.

**Report No.:** 1870421200000

**Applicant:** SHENZHEN SUN GLOBAL GLASS CO., LTD.  
**Address:** #2, Qianghua Road, Shuangzhen Industrial Zone, Qianghua, Shenzhen, Guangdong, China

**Manufacturer:** SHENZHEN SUN GLOBAL GLASS CO., LTD.  
**Address:** #2, Qianghua Road, Shuangzhen Industrial Zone, Qianghua, Shenzhen, Guangdong, China

**Product:** TEMPERED GLASS

**Model No.:** SHENZHEN SUN GLOBAL GLASS CO., LTD.  
**Trade Mark:** N/A  
**Test Standard:** EN 12150-2:2004

The relevant test results show that the product complies with the essential requirements in the above-mentioned product. It does not imply an assessment of the whole production and other essential Directive have to be observed.

The certificate of conformity is based on a single evaluation of the submitted samples of the above-mentioned product. It does not imply an assessment of the whole production and other essential Directive have to be observed.

© TüV Rheinland Laboratories Ltd. Postfach 10150, Rheinbach, 53874 Rheinbach, Germany  
Tel: +49 221 345-1000 Fax: +49 221 345-1001

**SGS TEST REPORT**

No. 1870421200000  
Page 1 of 1

Reference No. SHENZHEN SUN GLOBAL GLASS CO., LTD.  
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**Material:** SHENZHEN SUN GLOBAL GLASS CO., LTD.  
**Test Method:** EN 12150-2:2004

Shenzhen, 27 October 2017

  
Responsible Manager, SGS



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Shenzhen, 27 October 2017

  
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Shenzhen, 27 October 2017

  
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**DECLARATION OF CONFORMITY**

Certificate No. 1870421200000

**EC Declaration of CPD Conformity**

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**Material:** SHENZHEN SUN GLOBAL GLASS CO., LTD.  
**Test Method:** EN 12150-2:2004

Shenzhen, 27 October 2017

  
Responsible Manager, SGS



Certificate No. DP9SGP14000



**DuPont Glass Laminating Solutions**

is pleased to confirm that the company:

**SHENZHEN SUN GLOBAL GLASS CO., Ltd**

has successfully passed the qualification process of SentryGlas® on May, 2014.

This certificate is valid until the date shown in the below table as long as your manufacturing process for laminated safety glass remains unchanged. Renewal is subject to validation of newly supplied laminates.

Date: 2014-05-29      By DuPont: 

Validity:

SHENZHEN SUN GLOBAL GLASS CO., LTD.	SHENZHEN SUN GLOBAL GLASS CO., LTD.	SHENZHEN SUN GLOBAL GLASS CO., LTD.	SHENZHEN SUN GLOBAL GLASS CO., LTD.	SHENZHEN SUN GLOBAL GLASS CO., LTD.	SHENZHEN SUN GLOBAL GLASS CO., LTD.	SHENZHEN SUN GLOBAL GLASS CO., LTD.	SHENZHEN SUN GLOBAL GLASS CO., LTD.
2014-05-29	2014-05-29	2014-05-29	2014-05-29	2014-05-29	2014-05-29	2014-05-29	2014-05-29

In authorizing the certificate, DuPont Glass Laminating Solutions does not assume any liability for the responsibility of the signatory company, which is the sole party responsible for the correctness of the product's conformity with applicable laws, regulations, rules and/or standards' governing conformity.