

COMPANY PROFILE

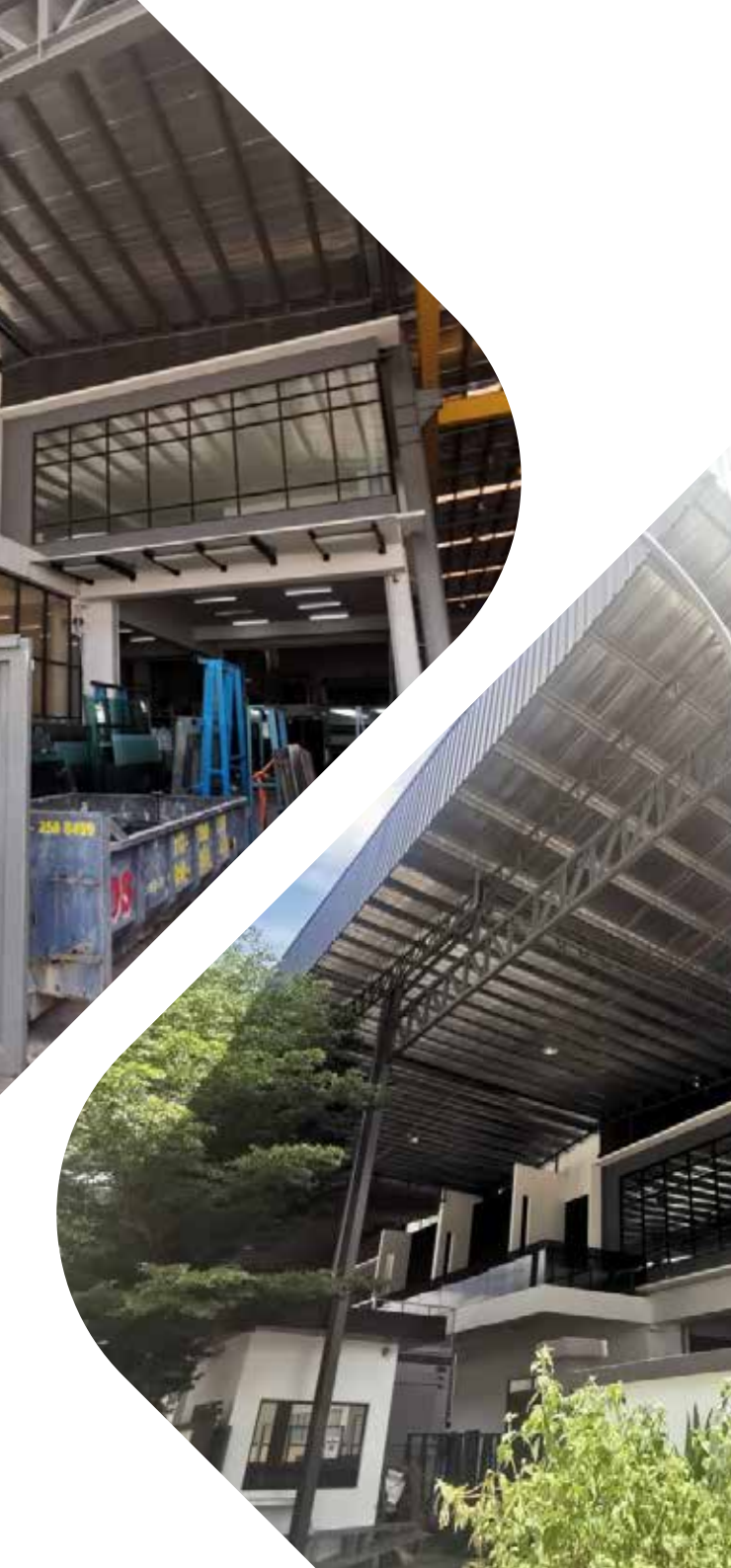


CONTACT US

5, Jalan Pelubang 32/200
Persiaran Kemuning Utama,
Seksyen 32, 40460 Shah Alam,
Selangor, Malaysia.

Email : enquiry.jayaglass@gmail.com
Office : 1700 81 7917
Mobile : +6012 669 5355

WWW.JAYASAFETYGLASS.MY



OUR COMPANY

JAYA SAFETY GLASS is one of the leading safety glass processor operates in Malaysia. **Jaya safety glass** began with a vision to produce high quality grade of glass. Since its inception, the company is synonymous with **self-improvement, innovation, honesty and integrity.**



LAMINATED GLASS

BENEFITS

- Offers greater personal safety after breakage as it tends to remain intact on the frame.
- Provides additional security over other glass types
- Provides improved sound control due to the sound-deafening capabilities of the PVB / SGP interlayer.
- Offers high resistance against object penetrations thus providing an effective deterrent against forced entry.
- Create aesthetic sense to buildings

WHAT TYPE OF LAMINATED GLASS WE CAN PRODUCE

- As per shape, flat safety laminated glass and curved laminated safety glass
- As per processing, non-tempered annealed float laminated glass, heat-strengthened laminated glass, semi-tempered laminated glass, tempered laminated glass, heat-soaked laminated tempered glass;
- As per monolithic glass type, clear tempered laminated glass, solar reflective laminated safety glass, color tinted decorative safety laminated glass, low-e security laminated glass, silkscreen printed / ceramic fritted toughened laminated glass, sandblasted frosted laminated glass, acid etched laminated glass;
- As per composition, double laminated glass, triple safety laminated glass, four layers laminated safety glass, five layers laminated glass, etc.
- As per interlayer, SGP safety laminated glass, PVB safety laminated glass, EVA laminated glass, fabric decorative laminated glass, metal mesh laminated glass, etc.



VARIETY OF COLOR CHOICE

JAYA SAFETY GLASS provide variety of color choice for our client to choose such as red, grey, translucent white, green, dark green & bronze.

Our laminated glass that features a coloured PVB interlayer. This means that not only does it help protect and secure it brings an enhanced aesthetic appeal to every project.



VARIETY OF THICKNESS

GLASS USED FOR	THICKNESS
Aluminium windows & door	4mm - 6mm
Small table tops, small shelves	6mm - 8mm
Glass table top	8mm - 12mm
Frameless shower screen	8mm - 12mm
Mirror	5mm - 6mm
Glass wall, glass partition	8mm - 12mm
Balustrade, Staircase	10mm - 19mm
Canopy	8mm - 12mm

PACKING & DELIVERY

- **Wooden crates packing option**
BTG use 12mm thick **recycled hardwood board**, **no fumigation**, hard **plastic safety corner**, plastic film covering the glass to avoid dirt, with a **desiccant inside**, to ensure that the glass is dry and **not moldy during transportation**.
- **Individual carton packaging option**
BTG use 5mm thick **environmentally friendly corrugated boxes**, 10mm thick **foam board lining**, 10mm thick recycled **hardwood boards around the four sides** of the glass to prevent damage to the edges, free transportation, suitable for retail storage of glass tabletops, shower rooms and other products
- **L-Shaped iron frame packaging option**
Welded iron frame, fixed with plastic-steel belt, built-in forklift space, can be quickly loaded and unloaded as a whole, which is convenient for stocking at the construction site.



LAMINATED GLASS MARKETS

Architecture : High-grade hotels, villas, offices, conference rooms, toilet doors and windows, shower rooms, kitchen doors and windows, glass curtain walls, greenhouses, science and technology residential buildings, commercial buildings, factories, laboratories, doors and windows, or partitions of clean rooms.

Car Windows : Car skylights, subway, high-speed rail.

Financial and Medical Treatment : Bank counter window, automatic teller machine security window, hospital baby room or visiting window of intensive care unit.

Various Industries : Interior design application, exhibition hall, command center, prison isolation room, home theaters, ticket window, shop window, commercial advertisement and etc.



WHAT TYPE OF TEMPERED GLASS WE CAN PRODUCE

- As per edge , tempered glass edges can be choose and can be polish in different angle such as sharp angle or curved angle.
- We can produce so many types of tempered glass such as Single Low-E glass (SLE), Double Low-E glass (TDE), Triple Low-E glass (TTE), Post-temperable single Low-E glass (PLE), Post-temperable double Low-E glass (PDE) and Post-temperable triple low-E glass (PTE).
- As another option, we also can produce Tempered glass and Heat Strengthen glass. Heat Strengthen glass is 2.5x tougher than annealed glass but the Tempered glass can withstand 5x tougher than annealed glass

TEMPERED GLASS

BENEFITS

- It is five times stronger than regular glass of the same size and thickness
- Five times more heat resistant than standard glass and can withstand temperatures up to a sweltering 250 degrees
- Provides twice the soundproofing abilities of standard glass
- Offers high resistance against object penetrations thus providing an effective deterrent against forced entry.
- Impact resistant and protective compared to ordinary glass

VARIETY OF COLOR CHOICE

JAYA SAFETY GLASS provide variety of color choice for our client to choose such as clear, euro grey, f-green, ford blue, brown & have other choice of color too.

We produce by using small additions of metal oxides to the float or rolled glass composition. These small additions color to the glass **do not affect the basic properties** except for changes in the solar energy transmission. The color is homogeneous throughout the thickness. Once temper still remain **strong and safety**.



VARIETY OF THICKNESS

GLASS USED FOR	THICKNESS
Aluminium windows & door	4mm - 6mm
Small table tops, small shelves	6mm - 8mm
Glass table top	8mm - 12mm
Frameless shower screen	8mm - 12mm
Mirror	5mm - 6mm
Glass wall, glass partition	8mm - 12mm
Balustrade, Staircase	10mm - 19mm
Canopy	8mm - 12mm

PACKING & DELIVERY

- **Wooden crates packing option**
BTG use 12mm thick **recycled hardwood board**, **no fumigation**, hard **plastic safety corner**, plastic film covering the glass to avoid dirt, with a **desiccant inside**, to ensure that the glass is dry and **not moldy during transportation**.
- **Individual carton packaging option**
BTG use 5mm thick **environmentally friendly corrugated boxes**, 10mm thick **foam board lining**, 10mm thick recycled **hardwood boards around the four sides** of the glass to prevent damage to the edges, free transportation, suitable for retail storage of glass tabletops, shower rooms and other products
- **L-Shaped iron frame packaging option**
Welded iron frame, fixed with plastic-steel belt, built-in forklift space, can be quickly loaded and unloaded as a whole, which is convenient for stocking at the construction site.



TEMPERED GLASS MARKETS

Commercial Buildings : Home partitions, offices partitions, hotels partitions, other commercial buildings, doors, windows and decorative panel in interior design.

Residential Construction : Glass tabletops, Frameless shower doors, glass shelves, cabinet and glass near fireplace.

Commercial Appliances : Cookware, refrigerator trays, mobile phone and screen protector

Car Windows : Car skylights, subway, high-speed rail.

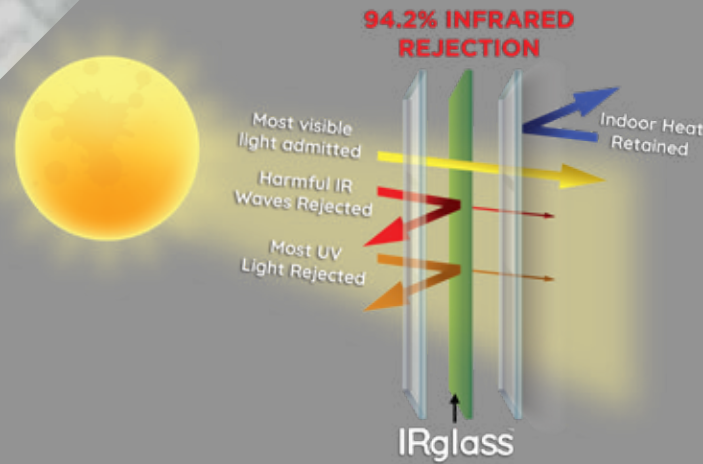


IRGLASS PERFORMANCE DATA



IRglass™

BENEFITS



- IRglass is energy saving laminated safety glass. Heat is generated by INFRARED. IRglass can reject 94.2%, compare 54.4% ordinary laminated glass. Therefore, it can save the electricity (air conditioning) used because heat has decreased.

VARIETY OF COLOR CHOICE

JAYA SAFETY GLASS provide variety of color choice for our client to choose such as red, grey, translucent white, green, dark green & bronze.

Our IRglass that features a coloured PVB interlayer. This means that not only does it help protect and secure it brings an enhanced aesthetic appeal to every project.



VARIETY OF THICKNESS

GLASS USED FOR	THICKNESS
Aluminium windows & door	4mm - 6mm
Small table tops, small shelves	6mm - 8mm
Glass table top	8mm - 12mm
Frameless shower screen	8mm - 12mm
Mirror	5mm - 6mm
Glass wall, glass partition	8mm - 12mm
Balustrade, Staircase	10mm - 19mm
Canopy	8mm - 12mm

PACKING & DELIVERY

- **Wooden crates packing option**
BTG use 12mm thick **recycled hardwood board**, **no fumigation**, hard **plastic safety corner**, plastic film covering the glass to avoid dirt, with a **desiccant inside**, to ensure that the glass is dry and **not moldy during transportation**.
- **Individual carton packaging option**
BTG use 5mm thick **environmentally friendly corrugated boxes**, 10mm thick **foam board lining**, 10mm thick recycled **hardwood boards around the four sides** of the glass to prevent damage to the edges, free transportation, suitable for retail storage of glass tabletops, shower rooms and other products
- **L-Shaped iron frame packaging option**
Welded iron frame, fixed with plastic-steel belt, built-in forklift space, can be quickly loaded and unloaded as a whole, which is convenient for stocking at the construction site.



IRGLASS MARKETS

Architecture : High-grade hotels, villas, offices, conference rooms, toilet doors and windows, shower rooms, kitchen doors and windows, glass curtain walls, greenhouses, science and technology residential buildings, commercial buildings, factories, laboratories, doors and windows, or partitions of clean rooms.

Car Windows : Car skylights, subway, high-speed rail.

Financial and Medical Treatment : Bank counter window, automatic teller machine security window, hospital baby room or visiting window of intensive care unit.

Various Industries : Interior design application, exhibition hall, command center, prison isolation room, home theaters, ticket window, shop window, commercial advertisement and etc.





WHAT TYPE OF SMART GLASS WE CAN PRODUCE

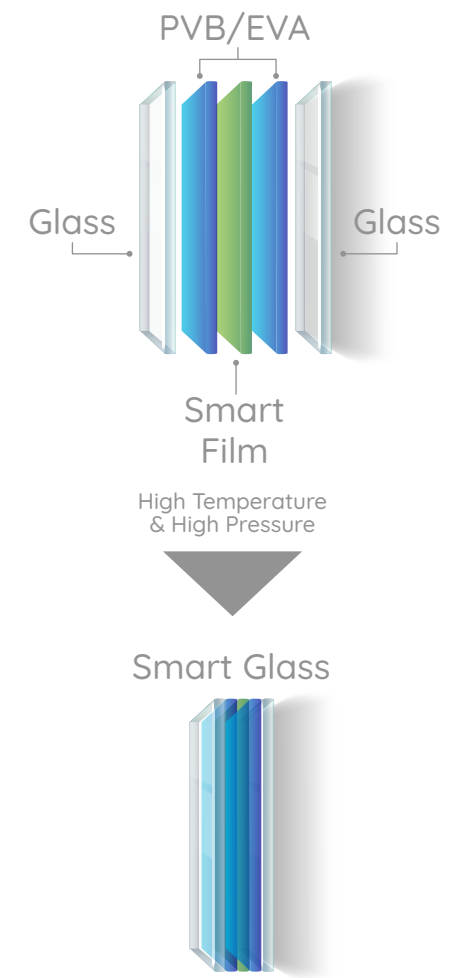
- Smart glass also called switchable glass or privacy glass, is a new material that combines smart film with glass.
- There are two types smart glass which is Laminated Smart Glass & Double Glazed Smart Glass.

SMART GLASS

APPLICABLE FOR



LAMINATED SMART GLASS



HOW IT WORK

- The scientific principles lie in the STF, when it is powered off, the liquid crystal molecules fall into a random state, that diffuse light passing through the sandwich structure and to provide instant privacy. When it is powered on, the voltage drive the liquid crystal molecules align along the direction perpendicular to the film, then visible light go through STF and turns transparent.

SWITCH ON



SWITCH OFF

OPTO-ELECTRICAL PROPERTIES

Item		Unit	Criteria	Test Method and Standard
Rated Voltage	ON	V	36 / 48 / 60 (AC50HZ)	Multimeter
Power Consumption	ON	w/sq.m	1.5 / 2.5 / 4.0	Multi - parameter Measuring Instrument
Visible Light Transmittance	ON	%	>80	GB/T 2680-94
	OFF	%	>65	
Directional Light Transmittance	ON	%	>76	GB51372-2002
	OFF	%	<3	
Haze	ON	%	<3	GB/T 2410-2008 Spectrophotometer
	OFF	%	>95	
Response Time	ON	ms	<45	Liquid Crystal Multi - parameter Measuring Instrument
	OFF	ms	<200	
Viewing Angle	ON	°	>160	Visual Inspection
UV Blocking Rate	ON	%	99	ISO 9050-2003
	OFF	%	99	
Minimum Privacy Distance	OFF	cm	3	Visual Inspection
Appearance Quality		/	Passed	GB 15763.3-2009
Size Tolerance		mm	Passed	
Heat Resistance		/	Passed	GB 15763. 3-2009
Humidity Resistance		/	Passed	
Radiation Resistance		/	Passed	
Falling-ball Impact Peel Performance		/	Passed	
Shotgun Bag Impact		/	II-1	
Sound Insulation		/	>35dB	GB 18910. 1-2002
Heat Insulation		/	>class 2	GB 8484-2008
Vibration Performance		/	Passed	GB 6382. 1-1995
Lifespan	ON	h	>80 thousand	GB 18910.5-2008
Switching Times		Times	> 2million	GB 18910.5-2008

SMART GLASS ADVANTAGES



REDUCES HEAT LOSS



UV PROTECTION



PRESERVATION OF PRIVACY



SAVES ENERGY



CAN SERVE AS PROJECTION SCREEN



EASY TO USE AND MAINTAIN



SMART GLASS MARKETS

Architecture : High-grade hotels, villas, offices, conference rooms, toilet doors and windows, shower rooms, kitchen doors and windows, glass curtain walls, greenhouses, science and technology residential buildings, commercial buildings, factories, laboratories, doors and windows, or partitions of clean rooms.

Car Windows : Car skylights, subway, high-speed rail.

Financial and Medical Treatment : Bank counter window, automatic teller machine security window, hospital baby room or visiting window of intensive care unit.

Various Industries : Interior design application, exhibition hall, command center, prison isolation room, home theaters, ticket window, shop window, commercial advertisement and etc.



WHAT TYPE OF AXEGLASS WE CAN PRODUCE

- There are 3 types of axeglass that we produce such as traditional laminated glass, insulated ballistic glass and glass-clad polycarbonate (GCP).
- For traditional laminated glass, it's crafted from layers of glass and resin, similar to a thick stack of modern car windshields.
- For Insulated ballistic glass, it's good for both interior and exterior applications, and easier to maintain.
- For glass-clad polycarbonate (GCP), it contains a 0.375-inch thick layer of glass, a thin coat of polyurethane and another 0.375 inch sheet of glass. It mostly uses for exterior applications.

AXEglass™

BENEFITS



- AXEglass has high durability, secure and tougher than normal glass. It can withstand pistol bullet, axe, knife, hammer and etc.
- AXEglass is energy saving safety glass. Heat is generated by INFRARED. AXEglass can reject 99%. Moreover, it can block mostly of the noise pollution and it can effectively withstand against high impact.

VARIETY OF COLOR CHOICE

JAYA SAFETY GLASS provide variety of color choice for our client to choose such as clear, bronze, translucent white, green & grey.

Our AXEglass that features a coloured PVB interlayer. This means that not only does it help protect and secure it brings an enhanced aesthetic appeal to every project.



VARIETY OF THICKNESS

GLASS USED FOR	THICKNESS
Aluminium windows & door	4mm - 6mm
Auto	4mm - 6mm
Glass wall, glass partition	8mm - 12mm
Balustrade, Staircase	10mm - 19mm

PACKING & DELIVERY

- **Wooden crates packing option**
BTG use 12mm thick **recycled hardwood board**, **no fumigation**, hard **plastic safety corner**, plastic film covering the glass to avoid dirt, with a **desiccant inside**, to ensure that the glass is dry and **not moldy during transportation**.
- **Individual carton packaging option**
BTG use 5mm thick **environmentally friendly corrugated boxes**, 10mm thick **foam board lining**, 10mm thick recycled **hardwood boards around the four sides** of the glass to prevent damage to the edges, free transportation, suitable for retail storage of glass tabletops, shower rooms and other products
- **L-Shaped iron frame packaging option**
Welded iron frame, fixed with plastic-steel belt, built-in forklift space, can be quickly loaded and unloaded as a whole, which is convenient for stocking at the construction site.



AXEGLASS MARKETS

High-class Building : Jewellery stores, airport security areas, high end luxury homes, liquor store, detention center and pharmacy

Car Windows : Armored vehicle, VIP vehicle, airplane windows.

Financial : Bank counter window, automatic teller machine security window and bank branch window.

High-security Building : Prison, detention center, court houses, police cells and government office, embassy houses.



OUR CERTIFICATES

(SIRIM CERTIFICATE)

No Lesen : PC011079
Licence No. :

LESEN PENSIJILAN BARANGAN
Product Certification Licence



SIRIM QAS International Sdn. Bhd. dengan ini mengugrahkan kepada SIRIM QAS International Sdn. Bhd. hereby grants to

JAYA SAFETY GLASS SDN. BHD.
9, JALAN PELUBANG 32/200
PERSIARAN KEMUNING UTAMA
40460 SHAH ALAM
SELANGOR, MALAYSIA

Lesen untuk menggunakan Tanda Pensijilan di atas barangan
a licence to use the Certification Mark on

TEMPERED SAFETY GLASS IN BUILDING
Please refer to detail in the SCHEDULE

sebagai mematuhi keperluan
as complying with

MS 1498 : 2017



Nur Fadhliah binti Muhamad
Ketua Pegawai Eksekutif
Chief Executive Officer
SIRIM QAS International Sdn. Bhd.



SIRIM QAS International Sdn. Bhd.
No. 5, Jalan 1/11, Seksyen 11, Taman Mawar, 40100 Shah Alam, Selangor Darul Ehsan, Malaysia
Tel: 603-55446500
Fax: 603-55446460
http://www.sirim.my

Tarikh Mula Pensijilan : 21 June 2021	Tarikh Dikeluarkan : 21 June 2021
Certified Since	Issue Date
Sah Sehingga : 21 June 2025	No Siri : 000791
Valid Until	Serial No.

Lesen ini diugrahkan dengan syarat-syarat Perjanjian Pensijilan Barangan SIRIM QAS International Sdn. Bhd.
This licence is granted subject to the provisions of the Product Certification Agreement of SIRIM QAS International Sdn. Bhd.

(SIRIM CERTIFICATE)

No Lesen : PC004610
Licence No



LESEN PENSIJILAN BARANGAN
Product Certification Licence



SIRIM QAS International Sdn. Bhd. dengan ini mengugrahkan kepada SIRIM QAS International Sdn. Bhd. hereby grants to

JAYA SAFETY GLASS SDN. BHD.
9, JALAN PELUBANG 32/200
PERSIARAN KEMUNING UTAMA
40460 SHAH ALAM
SELANGOR, MALAYSIA

Lesen untuk menggunakan Tanda Pensijilan di atas barangan
a licence to use the Certification Mark on

LAMINATED SAFETY GLASS IN BUILDING
Please refer to detail in the SCHEDULE

sebagai mematuhi keperluan
as complying with

MS 1498 : 2017



Mohd Azanuddin bin Salleh
Ketua Pegawai Eksekutif
Chief Executive Officer
SIRIM QAS International Sdn. Bhd.



SIRIM QAS International Sdn. Bhd.
No. 5, Jalan 1/11, Seksyen 11, Taman Mawar, 40100 Shah Alam, Selangor Darul Ehsan, Malaysia
Tel: 603-55446500
Fax: 603-55446460
http://www.sirim.my

Tarikh Mula Pensijilan : 20 September 2019	Tarikh Dikeluarkan : 30 September 2019
Certified Since	Issue Date
Sah Sehingga : 20 September 2020	No Siri : 049544
Valid Until	Serial No.

Lesen ini diugrahkan dengan syarat-syarat Perjanjian Pensijilan Barangan SIRIM QAS International Sdn. Bhd.
This licence is granted subject to the provisions of the Product Certification Agreement of SIRIM QAS International Sdn. Bhd.

PRODUCTION & QC AREA

