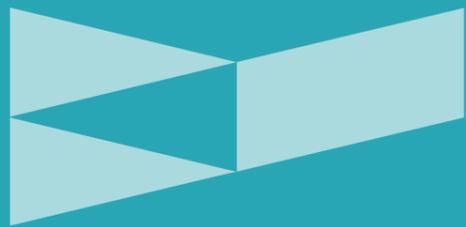




GLASVUE

SPECIALLY SELECTED GLASS BY ARCHITECT



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INNOVATION OF GLASS

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CHAPTER 1

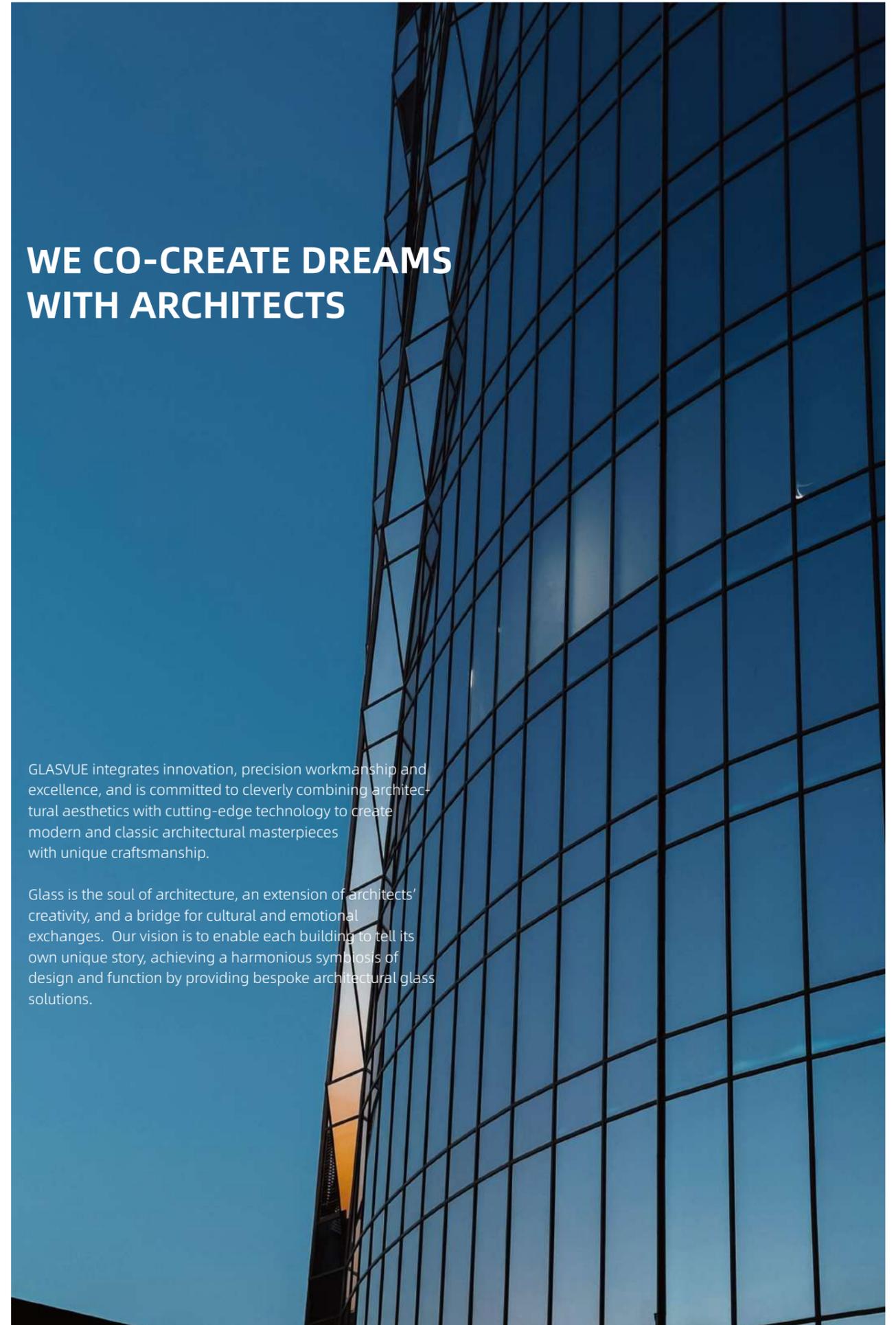
GLASVUE PHILOSOPHY AND VISION

D1

WE CO-CREATE DREAMS WITH ARCHITECTS

GLASVUE integrates innovation, precision workmanship and excellence, and is committed to cleverly combining architectural aesthetics with cutting-edge technology to create modern and classic architectural masterpieces with unique craftsmanship.

Glass is the soul of architecture, an extension of architects' creativity, and a bridge for cultural and emotional exchanges. Our vision is to enable each building to tell its own unique story, achieving a harmonious symbiosis of design and function by providing bespoke architectural glass solutions.





BRAND STORY AND INSPIRATION

In order to fully integrate into the development wave of the era Industry 4.0 in 2021, the architectural glass industry has put forward more stringent requirements for product flatness, energy-saving performance and environmental protection standards. In an in-depth cooperation project with international architect Li Yao, The original GLASVUE team keenly recognized the market's urgent demand for high-quality, sophisticated, and high-standard architectural glass, inspiring the brand's inception. This dialogue is not only a discussion of the fusion aesthetics of architecture and glass, but also an in-depth reflection on tradition and modernity, function and art. The birth of GLASVUE carries the exploration of new possibilities of architectural glass and the satisfying of high-end customization needs.

BRAND VALUES AND SLOGANS

GLASVUE proudly adheres to the brand slogan 'Architects' Choice of Glass', demonstrating both our confidence in our products and respect for the creativity of architects. Our products are the architects' first choice to realize their design vision, and we are their partners to express architectural philosophy and create aesthetic value. We are committed to providing glass solutions that inspire architects' creativity and enable design freedom, so that every piece of glass becomes part of the architectural expression.



GLOBAL BRAND VISION AND FUTURE PROSPECTS

GLASVUE has a global perspective, and our products cross international boundaries, bringing a fusion of innovation and aesthetics to construction projects worldwide. GLASVUE will continue to work with Mr. Li Yao to continuously explore pushing new limits of glass solutions, promote new development in the construction industry, and contribute to the realization of a sustainable future. At GLASVUE, we work with architects to build dreams and create the future.

CHAPTER 2

GLASVUE PRODUCT SERIES

02



GLASVUE is a value adding glass processing manufacturer with 29 years of experience. Our products are distributed in more than 130 cities around the world and have served at least 17,600 buildings. We estimate that our architectural glass products serve at least 11.5 million people daily.

GLASVUE BASIC SERIES

1. PREMIUM FLOAT GLASS - OUR FOUNDATIONAL PRODUCT, OFFERING CLARITY AND QUALITY

Using float process glass, with our benchmark in quality and optical clarity, this product will make a huge contribution to the space.

It comes in a variety of sizes, allowing designers and customers to freely choose the required size, or let us provide professional customization services.

GLASVUE offers the ease of cutting and is ideal for further processing into a range of products that can be used in plain glass, laminated, tempered, performance coatings, mirrors and decorative paint coatings.

2. LAMINATED SAFETY GLASS - WIDELY USED IN COMMERCIAL BUILDINGS

Glass designed to reduce the risk of injury from accidental impact and glass breakage after impact, this type of safety glass is widely used in commercial buildings.

GLASVUE offers the following types of safety glass:

Laminated safety glass, tempered safety glass, tempered laminated safety glass, safety mirrors, doors and side lights, shower room and bathroom glass, interior glass partitions of stores, railings and stairwells, glass that is required to be above ground within 1000mm like in schools and childcare centers, special event buildings (such as gyms and swimming pools).



3. PREMIUM TEMPERED GLASS - SUPERIOR STRENGTH, SAFETY AND TOUGHNESS

Why settle for plain glass when there are stronger and better options?

GLASVUE provides a complete glass solution that allows for greater spatial scope in designs; this type of glass is five times stronger than ordinary glass, making it ideal for applications where ordinary glass is prone to breakage. For example, it could be used as a splash guard or basketball backboard, applications that typically require higher-strength materials to resist potential breakage.

4. LOW IRON GLASS

Whether you're after color perfection, special characteristic glass, or simply the clearest view to the outside, we deliver the best visual experience possible. Our glass products eliminate the green tint common with regular glass, providing a virtually transparent barrier. By using silica sand with low iron content in the manufacturing process, our products achieve extremely high levels of transparency and clarity. Compared to standard float glass, this glass exhibits crystal clarity for an unprecedented viewing experience.

In addition, our Low Iron Glass has low self-explosion properties. During the production process, we strictly control the quality, which significantly reduces the risk of glass self-explosion and ensures safety during use. This feature makes our glass not only superior in visual performance, but also provides additional protection in terms of safety.

5. ANTI-REFLECTIVE GLASS

This high-definition glass is ideal when looking for the perfect balance between natural light and air conditioning use. It has a high light transmittance of more than 98% and a low reflectivity of only 1%, which significantly reduces the interference of external light sources, giving you a clearer vision and display effect. In addition, this glass meets museum-level display standards, ensuring that the colors and details of precious artworks and cultural relics are truly reproduced, allowing you to enjoy the visual beauty brought by natural light.

ENERGY EFFICIENCY SERIES

3.FULL-PERFORMANCE DOUBLE-LAYER INSULATED GLASS - (CAN BE USED FOR PUBLIC BUILDING EXTERIOR WALL DECORATION)

Adopting the concept of green climate design is more suitable for situations with obvious hot and cold climates and large temperature differences. In these scenarios, the building environment has higher requirements for energy efficiency. If only a single glass material is used, it will be difficult to meet these needs.

4.HIGH-PERFORMANCE DOUBLE-LAYER INSULATED GLASS - (CAN BE USED FOR HIGH-END RESIDENTIAL DOORS AND WINDOWS)

High-performance double glazing is ideal for bringing comfort and natural light, a key element in creating a warm, healthy living environment. Using this kind of glass, you can enjoy the feeling of being bathed in natural light while reconnecting with your surroundings and feeling in harmony with nature.

1.HIGH-PERFORMANCE ANTI-GLARE SOLAR CONTROL GLASS - SUITABLE FOR RESIDENTIAL DOORS AND WINDOWS

When looking to find a balance between air conditioning use, natural light and open views, without simply sacrificing energy efficiency, high-performance anti-glare solar control glass offers a versatile solution. Not only does it reduce overreliance on heating or cooling systems, it lowers energy consumption and associated costs, it also ensures superior optical clarity. Using this kind of glass, you can enjoy natural light and surrounding views while maintaining a comfortable indoor temperature.

2.REFLECTIVE INSULATING LARGE SPACE HEAT-INSULATING ANTI-GLARE GLASS - (CAN BE USED FOR LARGE-SPACE EXHIBITION HALLS, GLASS-STRUCTURED PUBLIC SPACES, COMMERCIAL BUILDING CURTAIN WALLS)

This product is a high-tech glass product specially designed for large-space showrooms, glass-structured public spaces and commercial building curtain walls. This glass uses the CVD (Chemical Vapor Deposition) process to coat the low-emissivity (Low-E) film layer on the clear float glass, which not only improves the thermal insulation effect, but also ensures the suitability of the indoor temperature.

Its low-emissivity (Low-E) coating technology effectively reflects solar energy, reduces the solar heat gain coefficient (SHGC), and reduces the U-value, helping to keep the building warm in winter. The glass is available as a single piece or can be processed into laminated or insulated glass to further enhance its thermal insulation and anti-glare properties.

Whether you are seeking natural light or color requirements, GLASVUE glass can provide the ideal solution to ensure the comfort and energy efficiency of indoor environments while meeting the needs of different building projects.

5.ULTIMATE PERFORMANCE THREE-LAYER INSULATING GLASS - (CAN BE USED FOR HIGH ENERGY EFFICIENCY DEMAND OFFICE BUILDINGS, HOSPITALS, ETC.)

As the market demand for efficient hollow glass products grows and sustainable building practices become more prevailing, GLASVUE triple glazed units demonstrate significant performance advantages and meet the requirements of 7-star building standards especially for Australia.

This triple glazing technology has a dramatic effect in improving residential comfort, with insulation efficiency five times greater than conventional double-glazing units, making it one of the most efficient residential door and window systems currently available internationally.

Additionally, the triple-glazed structure provides a natural acoustic solution without the use of sandwich materials. It creates an effective sound insulation barrier, which not only maintains indoor quietness and comfort, but also effectively blocks external noise interference.



ACOUSTIC SERIES

1. SPECIAL LAMINATED SILENT GLASS - (CAN BE USED FOR OFFICE BUILDING DOORS AND WINDOWS)

An innovative mid-layer technology is used, which is optimized for the high-frequency part of sound, which is the most sensitive area of human hearing. Compared with traditional noise reduction methods, this method does not require reliance on heavy glass. By using this special interlayer, the same excellent acoustic performance as thicker glass can be achieved even though the glass is thinner and lighter. This not only reduces the weight of the material, but also improves the aesthetics and energy efficiency of the building.

2. THREE LAYERS OF SPECIAL ACOUSTIC GLASS - (CAN BE USED FOR MUSIC OR RECORDING STUDIOS, AUDIO-VISUAL ROOMS)

Using three layers of soundproof PVB, this is specifically designed to effectively reduce sound transmission. In addition to excellent sound insulation performance, adding Low-e coating on this basis can further improve its energy efficiency performance. It helps homes and buildings stay cool in the summer and warm in the winter.

Laminated safety glass at 6.76mm thickness offers up to a 6dB improvement in sound insulation over the 3mm glass typically used in residential windows. In fact, in order to achieve the same level of sound insulation as 6.76mm glass, regular 3mm glass would need to be at least three times thicker. This shows that using this special laminated glass is not only more efficient in sound insulation, but also more economical and environmentally friendly in terms of material use.

DECORATION SERIES

1.INSULATED GLASS BUILT-IN BLIND SYSTEM: AN INNOVATIVE EXAMPLE OF FUTURE ARCHITECTURAL WINDOW DECORATIONS

Innovative technology, intelligent control of light and shadow

GLASVUE's insulated glass built-in blind system is an innovative work that combines technology and art. It redefines light management. The design cleverly integrates window glazing with an intelligent shading system, bringing unprecedented versatility and aesthetics to the building. With simple operations, users can control the entry of light as they wish, from completely transparent to translucent to complete blackout, to meet the light needs of different time periods and create an ideal living environment or work space whether during the day or at night.

Smart choice for energy saving and environmental protection

GLASVUE's insulated glass built-in louver system effectively isolates external noise with its superior sound and heat insulation performance. Its sound insulation effect is as high as 43.8 decibels, far exceeding the level of ordinary glass, and can create a quiet and private space.

The system's built-in argon gas filling further enhances the thermal insulation effect, reaching an excellent performance of $2.2W/m^2K$, which significantly reduces energy consumption, not only saves indoor cooling and heating costs, but also supports an environmentally friendly green lifestyle.

In addition, the GLASVUE insulating glass system also has excellent fire resistance and can withstand high temperature environments for more than 30 minutes, providing a solid guarantee for building safety.

Healthy, safe, dust-free and healthy environment

Saying goodbye to cleaning problems caused by traditional curtains, the GLASVUE system adopts a fully sealed design, which effectively prevents the accumulation of dust and the reproduction of bacteria. This feature makes it an ideal choice for hospitals, bathrooms and other places that require extremely high hygiene standards to protect health.

In addition, the system has passed China's strict 50,000-time durability test, ensuring its stability and reliability for long-term use. There will be no concern about performance degradation, and the ability to enjoy a long-lasting, constant brand-new experience.

Easy to operate, enjoy your life aesthetics

With just one click of the remote control, you can adjust the light as you wish, easily achieving the dual enjoyment of comfort and privacy, and the operation experience is extremely simple. We also provide personalized customization services. Whether it is color or pattern, we can fully meet the unique aesthetic needs of customers, add unique charm to the architectural space, and achieve the perfect combination of function and aesthetics.



2.ACID ETCH GLASS - (CAN BE USED FOR BEDROOM PARTITIONS, BATHROOM BARRIERS, ETC.)

An ideal space often needs to find a balance between being connected to the outside world while maintaining independence, allowing natural light to enter while ensuring privacy inside. This translucent satin-textured glass not only provides the perfect solution for modern spaces, but also allows natural light to enter while creating a private haven.

This kind of float glass is treated with a special process. One or both sides of the glass are subjected to acid bath to form a smooth frosted surface. This treatment is performed after the glass is manufactured, ensuring a consistent texture and effect across the entire glass surface. The matte surface is not only moisture-resistant but also UV-resistant, making it ideal for indoor and outdoor applications, providing a practical and beautiful solution for a variety of environments.

3. TRANSLUCENT LAMINATED GLASS - (CAN BE USED FOR VIEWING BRIDGE PARTITIONS, VIEWING FLOOR PARTITIONS)

GLASVUE translucent laminated glass has a stylish frosted appearance, is durable and reliable, and is designed to protect user privacy. This glass achieves its unique frosted effect by adding a translucent PVB interlayer between two layers of glass. As a durable glass material, it is suitable for many different applications.

With a frosted-effect sandwich securely encapsulated between two layers of glass, this product is not only resistant to fingerprints, but also easy to clean. This makes GLASVUE translucent laminated glass a beautiful and practical choice for users who pursue high quality and ease of maintenance.

4. STAINED GLASS SERIES - (CAN BE USED FOR SPACE DECORATION)

To meet the designer's bold expression of style or unique requirements for color, the GLASVUE's color series is the ultra-durable and most maintenance-friendly choice. Kitchen splash backs, wall features, wardrobe doors and more are all great application uses.

5. COLORED LAMINATED GLASS SERIES - (CAN BE USED DOOR AND WINDOW DECORATION)

A bright and vibrant space not only lifts your mood but also stimulates creativity. Therefore, improving the environment by adding color is a good choice. GLASVUE's decorative collections strive to create interiors that are both inspiring and personal, bringing new life to every space.

6. CERAMIC GLASS - (CAN BE USED FOR EXTERIOR WALL DECORATION)

Ceramic glass offers a unique and creative way to inspire with color. The tempering process perfectly blends the ink with the glass surface, creating a surface that is both permanent and durable, adding a splash of color to any space. This treatment not only gives the glass a beautiful appearance, but also ensures its long-term stability and practicality.



7.CERAMIC PATTERN GLASS - (CAN BE USED FOR STAIR DECORATION, DESIGN DECORATION, ROOF LIGHTING)

Glass is more than just a tool to bring in natural light, it can also be an exciting decorative element in a space. Our products offer a wide range of color choices and pattern diversity, making them ideal for interior partitions, awnings and other applications. It can add a touch of decorative color to the space while protecting your privacy.

GLASVUE's decorative collection offers matching options in almost every color to meet individual needs. In addition, we also provide customized design services to ensure that each product can be perfectly integrated into the space design, adding a unique artistic flavor to the environment.

8.DECORATIVE MIRROR GLASS - (CAN BE USED FOR INDOOR WALL DECORATION)

Mirrors add a great sense of space to a room and provide valuable light reflections to enhance existing natural lighting. Our decorative mirrors adopt advanced manufacturing processes, and their reflective silver coatings are carefully protected by avoiding the use of copper layers in traditional processes. This not only improves the corrosion resistance of the mirrors, but also reduces the risk of corrosion, black edges and spots. In addition, the surface of the mirror is coated with two layers of special primer. This additional layer of protection can effectively resist the corrosion of steam, moisture and chemicals, ensuring the durability and beauty of the mirror in various environmental conditions. The design of the decorative mirror takes into account the diverse edge grinding needs and supports a variety of edge grinding methods including precision grinding and bevel grinding.

9.TEXTURED GLASS - (CAN BE USED FOR DECORATION OF EXTERIOR WINDOWS, FURNITURE DECORATION, PARTITION DECORATION)

Whether if it is a home or an office, some spaces require plenty of natural light while maintaining a certain amount of privacy. When it comes to illuminating these spaces, GLASVUE's patterned glass offers a cost-effective and effective solution, bringing the light the room needs without compromising privacy.

10.DIGITAL PAINTED SAFETY GLASS - (CAN BE USED FOR ART CENTER DOORS AND WINDOWS, AMBIENT RESTAURANT DECORATIVE DOORS AND WINDOWS)

Personalized customization to meet the various needs of customers or designers in terms of color, pattern and safety.

11.SELF-CLEANING GLASS

Non-destructive protection technology: Provides extra protection while maintaining the beauty and transparency of the glass.

Clear Coat: Colorless and transparent, suitable for surfaces such as glass, metal and ceramic tiles without interfering with visual clarity.

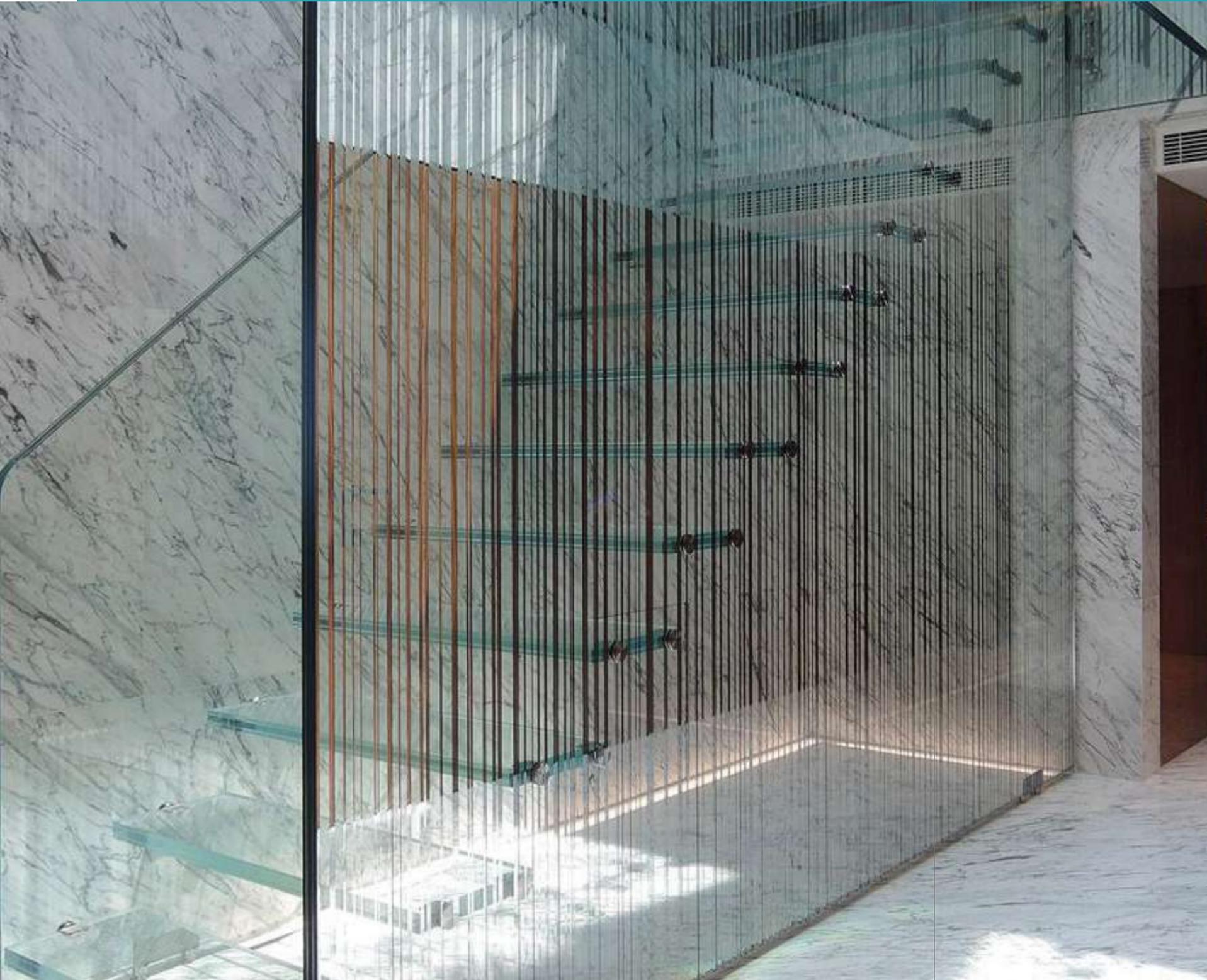
Nanotechnology Integration: Using nanotechnology and chemical reactions to enhance coating performance.

Easy to clean and dirt-resistant: Reduces water stains and detergent residue, simplifies the cleaning process and effectively resists soap stains and other stains, reducing cleaning frequency.

Reduced Maintenance: Automatic drainage of rainwater reduces the need for curtain wall maintenance and keeps the surface clean.



STRUCTURAL SERIES (COMPOSITE PRODUCTS USED IN CURTAIN WALL STRUCTURES)



1. CUSTOMIZED STRUCTURAL LAMINATED GLASS - (CAN BE USED FOR FLOORS, DECORATIVE FLOORS)

When you think of glass, do not limit yourself to the traditional use of windows. There are actually many other ways that glass can make your space more unique. Consider decorative floors, creating feature staircases, walkways, display areas, etc. The Structural series allows natural light to enter the building across all levels, while also bringing a unique sense of design to the space.

The Structural Series are high-end laminated product that not only incorporates physical design elements for use in high-traffic areas, but also incorporates anti-slip patterns to achieve the perfect combination of practicality and aesthetics.

The Structural Series is a high-end laminated product, composed of at least three different glass layers, which are then assembled together with SGP film. The top layer features a surface treatment with an anti-slip pattern and is available in semi-tempered or tempered glass.

The Structural Series involves professional technical knowledge. We have an experienced team of engineers who provide customers with precise professional advice, covering the appropriate thickness of glass and frame specifications required for the product, ensuring that customers can achieve the best use results.

SECURITY SPECIAL STRUCTURE SERIES (BULLETPROOF AND OTHER GLASS)

1. ONE-WAY MIRROR GLASS - (CAN BE USED FOR INTERROGATION ROOM, RECORDING STUDIO, ONE-WAY OBSERVATION ROOM)

One-way mirror are something we commonly see in movies; however, they play a very real role in our society such as interrogation rooms, market research, and many more practical uses.

2. SAFETY LAMINATED GLASS - (CAN BE USED FOR SHOWCASE GLASS, EXHIBITION GLASS)

Safety laminated glass has excellent penetration resistance and the ability to withstand forced intrusion. Even if the outer glass is damaged, the laminated structure will remain intact and continue to serve as a strong line of defense. Additionally, the glass is able to withstand continuous impacts from heavy objects such as bricks, hammers and crowbars, demonstrating exceptional durability.

Safety laminated glass also has the ability to block 99% of ultraviolet radiation, and its anti-fading effect is 8.5 times that of ordinary glass. This not only means that it significantly reduces the risk of indoor items fading due to UV rays, but also significantly extends the longevity of the color of items, providing additional protection and beauty to architectural spaces.



3. EXPERT-GRADE SAFETY LAMINATED GLASS - (CAN BE USED FOR PRISONS, MENTAL REHABILITATION HOSPITALS, MUSEUMS, GALLERIES, ETC.)

GLASVUE's security special structure series is designed to provide high-security lightweight glass solutions for police stations and psychiatric rehabilitation hospitals. These products use a variety of glass types and thicknesses, combined with professional security interlayer technology, to provide strong resistance to attacks.

To meet energy efficiency requirements, GLASVUE is available in a variety of colors and low-e coating options, and can be used with insulating glass to ensure energy efficiency and comfort in the building. GLASVUE's safety laminated glass provides customized solutions for buildings that are both beautiful and safe.

4. HIGH-END CUSTOMIZED MEZZANINE SAFETY SOLUTION SERIES - (CAN BE USED FOR WILDLIFE VIEWING PROTECTION, GIANT AQUARIUM, OUTDOOR FULLY TRANSPARENT SWIMMING POOL)

GLASVUE is good at customizing laminated glass, and also provides application guidance, risk assessment and engineering design services to ensure that project needs are fully met.

There is also the option to add additional craftsmanship, coatings, professional laminations or paint finishes to improve energy efficiency and acoustic comfort while taking into account aesthetic design elements.

CHAPTER 3

CORE TECHNOLOGY AND PROCESSING STANDARDS

03

GLASVUE TECHNOLOGICAL PARTNERS & TECHNICAL CERTIFICATIONS

The reason why GLASVUE can proudly proclaim the slogan "Architect's Choice of Glass" is because of our close cooperation with the world's leading companies and top equipment manufacturers in the field of glass in depth processing technology. This strong alliance not only gives us excellent technical strength, but also brings innovative advantages.

GLASVUE has introduced the highest configuration production lines such as GLASTON, BOTTERO, NORTH GLASS, LNBF, BYSTRONIC, etc., and combined with high-precision processing equipment such as CNC equipment. The introduction of these technologies has significantly improved the quality of our products. More importantly, they provide us with the high-quality technologies and services required to achieve high-end customized glass, ensuring that we can meet the personalized needs of our customers.



FINLAND GLASTON



GERMANY BYSTRONIC



ITALY BOTTERO

**WITH ORIGINS FROM THE SAME ALMA MATER AS THE
WORLD'S TOP ARCHITECTURE DEPARTMENT, GLASVUE
POSSESSES THE WORLD'S TOP TECHNICAL CAPABILITIES**



● **Dubai Burj Khalifa**



● **Salesforce Tower, San Francisco**



● **Singapore Sands Hotel**



● **Beijing CITIC Tower**

GLASVUE has introduced the world's top intelligent glass industry 4.0 production line from GLASTON, Finland. This production line represents ultra-high standards in the industry. Our products can therefore provide the same safety, intelligence and energy saving as those used by world-class architects. High-end customized glass system solutions.

GLASTON JUMBO SERIES GLASS HEAT TREATMENT EQUIPMENT

- The tempering furnace can meet the glass size up to 3300*6000mm, and the thickness of the glass steel is ≥ 4 mm.
- The smoothest glass surface in the universe, pure and spotless, no waves and no distorted mirror effect.
- Insight Intelligence/IR Scanner (SCA) is easily controlled and stored in the cloud. Every glass production parameter is traceable and permanently traceable.
- Choosing a complete configuration of the tempering furnace can simplify the process, improve product qualification rates, ensure on-time delivery of orders, and avoid waiting for the production cycle of complex glass structures.



GLASTON JUMBO SERIES INSULATING GLASS PRODUCTION LINE

- The maximum delivered glass specification is 3300*6000mm.
- It can ensure 90%+ argon gas filling rate and built-in pure water cleaning equipment to ensure the highest standard of inner cavity and surface quality.
- At the same time, it can meet the needs of three glass and two cavities, three-sided large and small piece insulating glass processing, and non-rectangular insulating glass processing.
- It greatly meets the complex process requirements of high-end projects and makes glass installation more convenient and worry-free.
- High-speed production, with a transmission speed of up to 48 meters per minute, ensuring rapid delivery of products.



GLASTON JUMBO AI INTELLIGENT OPERATING ASSISTANT PRO2.0 SYSTEM

- The operation is simple, high precision, manual errors are eliminated, and the product yield rate greatly improved.
- Intensive fully automatic production greatly reduces labor costs and energy consumption costs, providing customers with better products and better prices.



GLASVUE GLASS PROCESSING TECHNOLOGY

BENT TEMPERED TECHNOLOGY

In response to the increasingly elegant appearance of buildings and the demand for larger sizes of heat-bent shapes, the global market demand is growing rapidly. GLASVUE focuses on the manufacturing of bent tempered glass, using precise heat-bending technology to accurately control the heating temperature. This ensures that the glass forms an ideal arc shape during processing, while avoiding ripple defects that may be caused by overheating, thus ensuring the high quality of the product.

BENEFITS

- 3~5times harder than ordinary bent glass.
- No tong marks on the glass.
- Horizontal bending and tempering method ensures stable product quality.
- Both sides of the curved glass surfaces can achieve outstanding quality.
Exceptional optical quality is especially prominent in bent tempered reflective glass.

APPLICATIONS

- Bent tempered glass can be processed into bent tempered insulating glass.
- Wavelike and curved curtain wall panels for offices, shopping centersairports and concert halls.
- External walls of revolving doors and exposed elevators.
- Curved or revolving stairs, handrails, skylights and arcade roofing.
- Curved aquariums, display shelves and form-oriented furniture.
- Curved partitions inside offices.

SPECIFICATION

- Bent Tempered Glass, Thickness: 6mm~15mm
- Max.size:8mm&10mm:
87"x138"(2200mmx3500mm)
6mm&12mm: 79"x138"(2000mmx3500mm)
15mm: 60"x99"(1500mmx2500mm)
- Min.size: 9"x17"(220mmx430mm)
- Bent Heat Strengthened Glass, Thickness: 5mm~8mm
- Max,size: 87"x138"(2200mmx3500mm)
- Min,size: 9"x17"(220mmx430mm)
- Curve depth:up to 500mm
- Bending angle:up to 90°

HEAT SOAK TREATMENT

GLASVUE uses an advanced heat soak process to specifically target nickel sulfide (NiS) impurities that may be present in tempered glass. In a strictly controlled heat dip furnace, nickel sulfide will transform from the high-temperature α -NiS state to the low-temperature β -NiS state. This transition is accompanied by a volume expansion of 2-4%. If the nickel sulfide impurity happens to be located in the tension layer of the glass, it will break first during the heat soaking process, thereby effectively reducing the risk of spontaneous breakage of the tempered glass after installation.

Our heat soak furnace operation process and temperature control are very precise. The glass is heat soaked at a constant temperature of $290^{\circ}\text{C}\pm 10^{\circ}\text{C}$ for 2 hours, and then allowed to cool naturally to room temperature within the specified time. This process not only ensures the safety of the glass, but also improves the reliability of the product.

CHARACTERISTIC

- Computer control, quality assurance.
- The world's most renowned computer fully automatic control system with guaranteed quality.
- Reduce the chance of instantaneous breakage of tempered glass.
- Equal attention paid to strength and safety.

Tempered glass is 3-5 times stronger than ordinary glass and should be very safe. However, occasionally, tempered glass breaks instantly for unknown reasons after it has been installed or even used for many years, causing injuries to vehicles, people, etc. In order to use in cases where both are to be taken into consideration, the tempered glass heat soak test (Heat Soak Test) is specified as a necessary condition during design.

SUGGESTION

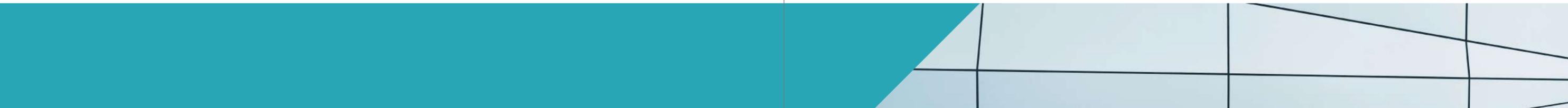
- Tempered glass needs to be heat soak.

SPECIFICATION

- 3mm-19mm

SIZE

- Biggest size: 118" x 236" (3000mm x 6000 mm)



CUSTOMIZED GLASS PROCESSING TECHNOLOGY STANDARDS

PRODUCTION CAPABILITIES				
processing	max. length	max. width	thickness	
cutting	6,000mm	3,300 mm	4-25mm	
edging	6,000mm	3,300 mm	4-25mm	
ceramic-ink printing	max. length	max. width	thickness	
screen printing	2,400mm	1,500mm	4-12mm	
digital printing	6,000mm	3,300mm	4-19mm	
type of color	ceramic ink, heavy metal-free, precious-metal ceramic colors (yellow gold, white gold)			
PRODUCTION CAPABILITIES				
tempering	max. length	max. width	thickness	
heat-strengthened glass	6,000mm	3,300mm	4-12mm	
fully tempered glass	6,000mm	3,300mm	4-25mm	
heat soak test	6,000mm	3,300mm	4-25mm	
laminating	max. length	max. width	thickness	special laminations
processing range	6,000mm	3,300mm	SentryGlas® PVB, TPU, EVA, special interlayers	metal, stone, projection foils, function elements, such as fasteners
insulating glass	max. length	max. width		standard
processing range	6,000mm	3,300mm		
finishing	made of laminated safety glass, solar control coating, low-e coating, combination coatings, sound insulation interlayer, colored interlayer, colored glass, roller-coater printing, digital printing and decorative coating.			

OUR GLASS PROCESSING EXECUTION STANDARDS



INSTALLATION METHOD STATEMENT

- Operators must obtain the minimum examination qualification before commencing work.
- Before work, check whether the glass quality meets the requirements, whether the installation tools are intact and reliable, and whether the construction site meets the requirements.
- Before operation, the installation sequence and construction plan should be determined, and the site should be checked to see if it meets safety requirements.
- Proper tools and equipment should be used during installation to avoid glass breakage or falling off.
- During installation, ensure that the glass is placed smoothly and firmly fixed to avoid shaking or falling off.
- During installation, the glass surface should be kept clean to avoid scratches or damage.
- After installation, maintenance and protection should be carried out to avoid damage to the glass.



CHAPTER 4

CUSTOMER TESTIMONIALS

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CUSTOMER REVIEWS



Architectural designer:

As an ANMF building designer, I am always looking for building materials that perfectly blend aesthetics and functionality. GLASVUE delivers not only 'building skin solutions' but also satisfies our ultimate pursuit in project aesthetics. Its excellent sound insulation and heat insulation performance solves a big problem in our design in bustling urban areas. It not only makes light a part of our design language, but also gives the building vitality, making every change of light and shadow a landscape of the city. The cooperation with GLASVUE has made me deeply aware of the system solution capabilities of China Intelligent Manufacturing. The success of every project has witnessed the perfect integration of our creativity and GLASVUE technology.

Owner:

Choosing GLASVUE was one of the wisest decisions in our project. It not only improved the environmental performance of our building, but also ensured the tranquility and comfort enjoyed by the residents. Especially in such a historic and bustling location, GLASVUE's glass solutions allow our building to maintain and upkeep tradition while embracing the future. Since using their products, the quality of our interior spaces has improved significantly and the feedback from our residents has been excellent, which has directly increased the overall value of our properties. GLASVUE's professionalism and innovation make us look forward to more cooperation in the future.

Door and window trading company:

The cooperation with GLASVUE has opened up new market opportunities for our door and window trading business. GLASVUE's glass has won the favor of many high-end customers for its excellent performance and design flexibility, making it easier to deliver high-end products. Whether it is the ultra-high sound and heat insulation efficiency or the clever use of light, they have brought us differentiated competitive advantages. More importantly, GLASVUE provides not only products, but also a comprehensive solution, from technical support to customized services, which reflects their in-depth support for partners. This makes us more confident when facing complex project requirements and creates more value for our customers that exceeds expectations.

SUCCESSFUL CASE SHARING



ANMF HOUSE



FLORENCE



BIANCA



LUCA



AUGUSTA



LORIENT



MARELLA



MOWBRAY

RECOMMENDED BY INTERNATIONAL ARCHITECT LI YAO



Brand spokesperson-International architect Li Yao
"Big but exquisite, small but wonderful"

Chinese chief designer of CCTV building
National First-Class Certified Architect
Royal Chartered Architect (RIBA)

We are honored to invite Mr. Li Yao to become the brand spokesperson of GLASVUE. Mr. Li Yao's design concept - harmonious symbiosis and pursuit of details, coincides with our brand spirit.

REPRESENTATIVE WORK:



Emirates Sanye Tower
Project location: Abu Dhabi, United Arab Emirates



UAE Pavilion at Shanghai World Expo
Project location: Shanghai World Expo



Trinidad and Tobago National Center for the Performing Arts
Project location: Trinidad and Tobago



GLASVUE

SPECIALLY SELECTED GLASS BY ARCHITECT

PRECISION CUSTOMIZATION · PRECISION DELIVERY