



NorthGlass Official Website



NorthGlass Facebook

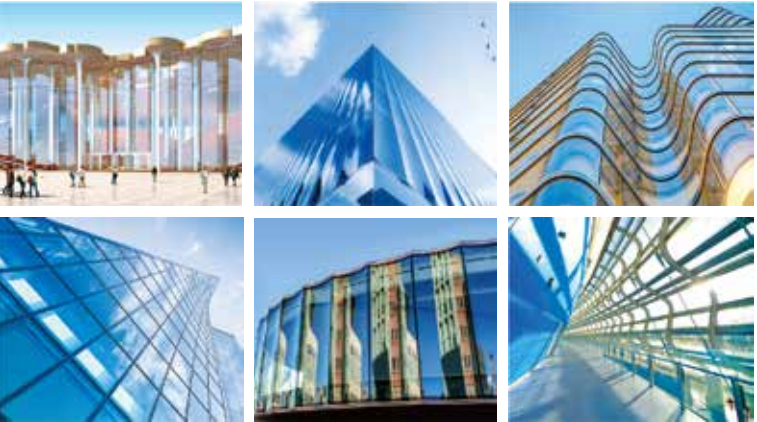
**NorthGlass Processed Glass BU**

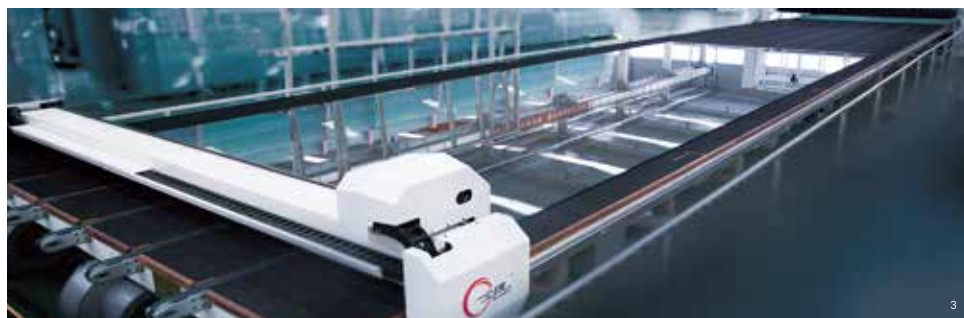
**Tianjin North Glass Industrial Technical Co., Ltd**  
No.20 Baozhong Road, Baodi District, Tianjin  
Tel.: +86 22 5928 0088

**Shanghai North Glass Technology Industrial Co., Ltd.**  
No.328,Guanghua Road, Songjiang District, Shanghai  
Tel.: +86 21 5785 8659

**Luoyang North Glass Technology Co.,Ltd.**  
No.20, Binhe Road, Luoyang,Henan  
Tel.: +86 379 6992 0620

Email: [tngsales@northglass.com](mailto:tngsales@northglass.com)  
NorthGlass Group: [www.northglass.com](http://www.northglass.com)  
Glass BU Website: [glass.northglass.global](http://glass.northglass.global)  
Multilingual official website: [www.north-glass.com](http://www.north-glass.com)  
NorthGlass stock code: 002613





#### NorthGlass independently developed equipment

1. 24-meter Glass Tempering Furnace
2. 24-meter Low-E Glass Coating production line
3. 24-meter CNC Glass Cutting machines

## NorthGlass Processed Glass BU

Over nearly three decades of development, NorthGlass Processed Glass BU has established itself with three major processing bases in Tianjin, Shanghai and Luoyang. Leveraging the glass processing technology accumulated by NorthGlass, along with our independent research and development and manufacturing capabilities in tempering, coating, and automation equipment, our BU has emerged as a specialized and innovative enterprise. We're at the forefront of advanced glass processing technology, specializing in the R&D and production of high-quality tempered glass, making us a professional manufacturer of high-end architectural glass globally. Our customer base spans over 50 countries and regions, establishing long-term cooperative relationships with global giants such as Google, Oracle, Far East Facade, PAMAS, Huawei, OPPO, Tencent. We have also engaged in extensive collaborations with world-renowned design firms including Foster, Zaha, MAD, Snøhetta, SOM, PCPA, KPF, gmp, NIKKEN SEKKEI earning accolades from clients both within and beyond the industry.

**Advocate and Guardian of the "Super Glass" Concept** NorthGlass is at the forefront of the "Super Glass" revolution, boasting an elite team adept in pushing the boundaries of glass processing to accommodate exceptionally large, wide, and intricate designs. Our BU marked a significant achievement by setting a Guinness World Record with the Taikang Tower for the largest single pane of glass, measuring 50.869 m<sup>2</sup>. NorthGlass has broadened its capabilities, processing glass from minimum lengths of 3.6 meters to a maximum of 24 meters, and arc lengths from 2.44 meters to 16 meters, and achieving intricacies with a minimum radius of 100mm. Dedicated to transcending technological peaks, NorthGlass transforms ambitious architectural dreams into tangible realities, challenging the realms of possibility in glass design.

**Pioneer in Energy-Efficient Architectural Glass Solutions** NorthGlass has developed an in-house Low-E coating line, employing state-of-the-art technology to fabricate jumbo glass up to 3.3m x 24m. The lineup features an array of products from single silver, double silver, to triple silver glass, tailored for diverse architectural demands. In collaboration with global property owners, architectural design firms, and facade companies, NorthGlass has developed over a thousand unique coating systems to meet the specific color requirements of various building projects. Our comprehensive suite of online and offline inspection devices ensures consistency and high-quality standards across all product batches. This high-grade glass significantly boosts a building's energy conservation, offering a markedly improved interior climate.

**Contribution to National and Industry Standards** Our BU has been instrumental in the formulation and revision of numerous national and industry standards for architectural glass, bolstered by an arsenal of patented technologies and an authoritative, certified R&D laboratory. Our operations adhere strictly to the ISO 9000 series standards. Our products have earned widespread recognition, including CE marking, BS EN 14179 for heat-soaked process system, IGCC certification, SGCC certification, and CSI certification, among others.



Luoyang North Glass High-end Equipment Co., LTD. (This production base covers an area of 340,000m<sup>2</sup> with a building area of 220,000m<sup>2</sup>)

High-end Equipment Industrial Park "Wanli" VIP Building

Shanghai North Glass Technology Industrial Co., Ltd.

Tianjin North Glass Technology Industrial Co., Ltd.

Luoyang North Glass Triturbo Fan Technology Co., Ltd.

## NorthGlass Technologies and products

### Tempering Furnace

6500+ NorthGlass tempering furnaces in operation worldwide.

### Triturbo Fan

100,000+ NorthGlass Triturbo Fans power efficient operations in high-speed rail and industrial applications.

### Pre-processing Line for Glass Intelligent Processing Factory

300+ glass pre-processing lines, cutting machines and glass storage systems sold worldwide.

### High-Efficiency Electric Kilns

Utilized in sanitary ware, architectural ceramics, foamed ceramics, cast glass, Light-Stone and other sectors.

### Coating Line

30+ NorthGlass coating lines sold worldwide.

### Processed Glass

Curtain wall glass integrated into landmark buildings worldwide.

### Cast Glass

Redefining possibilities with 15 m<sup>2</sup> monolithic panels & continuous production.

### Light-Stone — Lightweight Microcrystal Stone Unit Wall

With an annual output of 500,000 Light-Stone units for integrated wall systems, NorthGlass is pioneering the era of industrialized green construction.

## About Us

Founded on May 18, 1995, by Chairman Mr.Xueming GAO, Luoyang NorthGlass Technology Co., Ltd. (NorthGlass) is a pioneer in the global glass industry. Headquartered in the Luoyang National High-Tech Industrial Development Zone, we specialize in the R&D, design, manufacturing and sales of glass processing equipment and value-added processed glass products. In 2011, NorthGlass was successfully listed on the Shenzhen Stock Exchange (Stock Code: 002613), further strengthening its global presence.

## Our Family

Our growth strategy includes the establishment of several subsidiaries, each specializing in different facets of the glass industry. These include:

Shanghai North Glass technology industrial Co., LTD.

Shanghai North Glass Vacuum Coating Technology Co., LTD.

Luoyang North Glass Triturbo Fan Technology Co., LTD.

Tianjin North Glass Technology Industrial Co., LTD.

Shanghai North Glass Automation Technology Co., LTD.

Luoyang North Glass High-end Equipment Co., LTD.

Luoyang North Glass Cast Glass Co.,LTD.

Luoyang North Glass High-temperature Electric Kiln Co., Ltd.

Luoyang North Glass Top Glass Industrial Co., Ltd.

North Glass (Shanghai) Top Glass Industrial Co., Ltd.

Additionally, our strategic investment in Luoyang NorthGlass Light-Stone New Material Co., Ltd. underscores our commitment to diversification and innovation across the glass industry value chain.

## Our Products

At NorthGlass, we adhere to the philosophy that "Innovation has no bounds, and success is rooted in perseverance". We have consistently developed industry-leading products that set new benchmarks for the sector. Our product portfolio covers glass tempering furnaces, coating lines and high-end deep-processed glass, setting new industry standards across automation, new materials and other key sectors. Our dedication to technological advancement also includes the development of automated glass processing lines, glass cutting equipment, glass storage systems and our innovative Triturbo Fan technology. Additionally, our strategic investment in nurturing the Light-Stone industry marks our foray into the modular green building materials market, demonstrating our leadership in environmental sustainability and technological innovation.

NorthGlass has cemented its leading position in the global glass industry through relentless innovation and superior manufacturing of advanced glass processing equipment. Our flat and curved glass tempering furnaces have maintained a leading market position for 24 consecutive years, with more than 6,500 units in operation worldwide. Our in-house developed coating lines have also become a mainstream solution for glass coating manufacturers worldwide. At the same time, NorthGlass Automation's intelligent factory solutions are being widely applied in various fields such as architecture, home appliances, solar energy, and shower glass, continuously empowering the intelligent upgrade of industries.

Our high-performance processed glass products form another core business pillar, adorning iconic architectural landmarks worldwide – including Google Bay View (USA), 2050 M Street (Washington, D.C., USA), Oracle Headquarters (Austin, USA), Azabudai Hills Mori JP Tower (Japan), the Leadenhall Building (UK), Abu Dhabi International Airport, New Performing Arts Venue (Brisbane, Australia). These landmarks also include China's national Olympic venues such as the Bird's Nest, the Water Cube and the Ice Ribbon, the National Centre for the Performing Arts (China), National Convention Center (China), Beijing Daxing International Airport (China), "Sun Valley" & "Shiliupu Pier" of EXPO 2010 Shanghai (China), Beijing Library (China), Shanghai Tower (China), Nike Shanghai 001 (China), XRL Topside West Kowloon (Hong Kong, China), Two Taikoo Place (Hong Kong, China), Huawei Global Flagship Store (China), OPPO Headquarters (China), as well as flagship stores of Hermès, Louis Vuitton, GUCCI among many other notable buildings. Furthermore, NorthGlass is proud to be one of the two primary architectural glass suppliers for a world-renowned technology company, providing glass for its global flagship stores and Silicon Valley headquarters. This underscores our global footprint and the trust placed in our products by prestigious clients.

Backed by a comprehensive domestic and international sales and service network, NorthGlass products are available nationwide and exported to more than 115 countries and regions, including the USA, UK, Germany, France, Japan, India, Brazil, Saudi Arabia, Egypt and Turkey.

## Structural Glass

24m (80ft) tall

With many years of experience in the production of super jumbo glass, NorthGlass provides integrated solutions for the design, production, transportation and installation of super oversized glass.



1. 23m Visual Sample · China
2. Hong Kong Two Taikoo Place · China
3. 7 layers of super-thick laminated structural glass

## Guinness World Records

Certified by the Guinness Book of World Records at the time, the 17-meter-tall (56 ft) all-glass curtain wall of Taikang Tower (China), engineered by Tianjin NorthGlass, was the world's largest single-pane glass window, with an area of 50,869 m<sup>2</sup> (548 ft<sup>2</sup>) and a weight of 6.5 tons.



## Bent Tempered Glass

Drawing on years of dedicated research and production expertise in bent tempered glass, we've refined our production into an art form. Our comprehensive production techniques, meticulous control measures, and state-of-the-art testing equipment ensure the highest quality standards of our bent tempered glass. Our glass features precise and smooth curvature, perfectly aligning with architects' visions for sleek and fluid architectural designs.



Huawei Taikoo Li Flagship Store · China



Tsai Center for Innovative Thinking at Yale · USA

## Super Jumbo Bent Tempered Glass



Manchester Central Library · UK

## Ultra-arc Bent Tempered Glass



8,000mm × 4,000mm

## Bent Tempered Glass

### Tempered Glass with Small Bending Radius

NorthGlass has pioneered the development of tempered glass with small bending radius, revolutionizing traditional architectural norms with its exceptional design and manufacturing process. This innovation marries practicality with aesthetics, offering both structural support and unparalleled beauty in the interplay of light and shadow. Our small radius tempered glass is a testament to our commitment to pushing the boundaries of glass technology, creating spaces that are not only functional but visually striking.



National Speed Skating Oval • China

## Convex & Concave Bent Tempered Glass

NorthGlass introduces the cutting-edge convex and concave bent tempered glass, ensuring the Low-E coating to be on the same surface of the glass, to preserve uniformity in color across expansive glass curtain walls. This advanced method not only guarantees the precision of the curvature but also transforms architectural spaces with its stunning wave-like formations. The seamless curves and intricate detailing of our convex and concave glass redefine architectural aesthetics, offering a refreshing perspective on design and engineering excellence.



World Expo Cultural Park Greenhouse Garden • China



Pendry Manhattan West Hotel • USA

## Curved Tempered Glass with Free-form and Complex Geometries

With the application of BIM in construction, the demand for complex curved surface curtain walls in architectural design is growing. NorthGlass has independently developed the free-form tempering technology, specifically designed to meet architects' needs for intricate curtain wall glass designs. This innovation enables more diverse and dynamic building silhouettes, revolutionizing the way we approach architectural aesthetics and functionality.



1. UCCA Center for Contemporary Art • China
2. Nike Shanghai 001 • China
3. Huawei Global Flagship Store • China

## Glass Solutions for Luxury Homes

# “Unobstructed Clarity & Infinite Views”

### NorthGlass Sunroom

Experience the grandeur of our large-span super glass sunrooms, featuring the lowest shading coefficient down to 0.15. Nestled within, you command the seasons—spring, summer, autumn, and winter—allowing you to immerse yourself in the beauty of all four seasons.



### Pu Xuan Hotel Guardian Club

Elevate your living experience with NorthGlass custom 17-meter-wide jumbo glass, featuring tempered laminated double-glazing with Low-E coating. Installed horizontally, these expansive glass panels offer unparalleled views, inviting the majestic beauty of China's historical landscapes indoors.



### Yiwu Villa

Equipped throughout with NorthGlass's "Ultra-Clear" series of Low-E insulated glass, the villa window achieves a high standard of flatness, ensuring brightness and transparency.

### Chongqing Villa

The facade is made of 3m×7m transparent tempered glass panels, seamlessly installed with the glass fully concealed within the wall structure. Majestic and minimal, it embodies a pure and refined sense of space.

### Tonglu Sunshine Room

The 7-meter-tall pure glass structure embodies minimalist design and exceptional craftsmanship. The flawlessly smooth glass mirrors the blue skies and waters, as well as the dazzling lights, offering a visual feast that captivates and delights.



### Stair Glass and Balustrade Glass

Crafted to perfection, our railing glass showcases the ultimate in beauty, with gracefully extending curves that embody soft elegance and provide smooth, safe corners. These exquisite and refined designs compose a symphony of sophisticated home living, blending security with artistry to elevate the essence of your space.



## Digital Printed Glass



Shanghai Library East · China

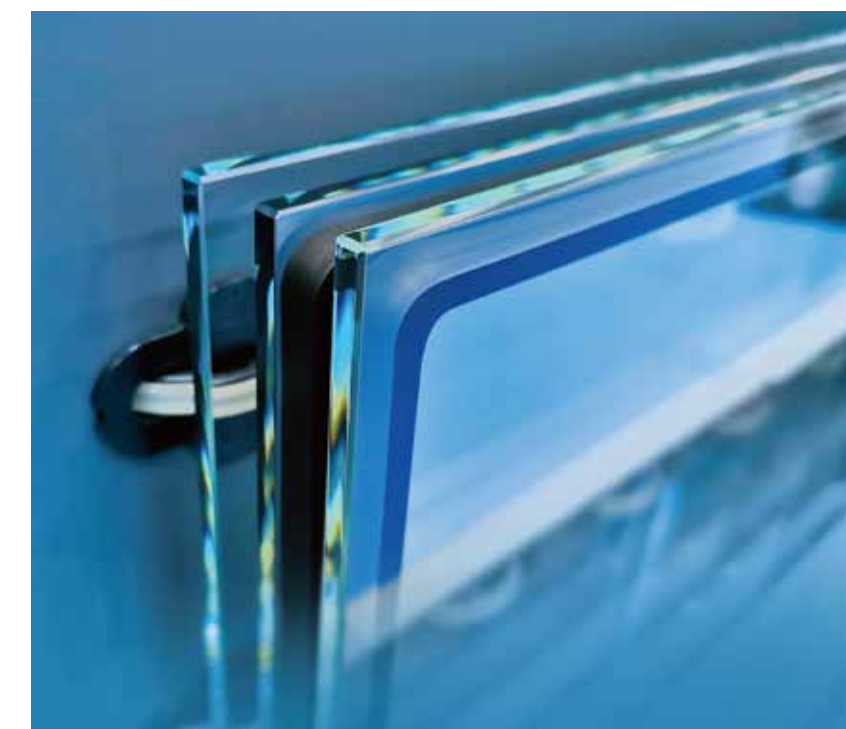


National Stadium "Bird's Nest" · China

## Advanced Energy-Efficient Insulating Glass with 4SG Thermoplastic Spacer

NorthGlass proudly presents its cutting-edge, automated production line for energy-efficient insulating glass, capable of handling glass sizes up to 3,300 mm x 7,000 mm.

- The annual inert gas leakage of less than 0.1% allows the inert gas content to be preserved at over 90%, thereby maximizing thermal performance.
- Our technology eliminates the overflow of butyl sealant, not only preserving integrity and performance of the glass, but also improving its aesthetic appeal.
- The chemical crosslinking addresses the pump-out effect in insulating glass, leading to a more uniform and flat glass surface.
- The metal-free 4SG warm edge spacers have very low thermal conductivity, ensuring minimal heat loss along the thermal bridge at the glass edge.
- The inert gas helps extend the life cycle of the Low-E to achieve better insulation.





Japan Sports Olympic Square · Japan

## “Super Flat & Spotless” Tempered Glass

“Super Flat & Spotless” standard represents the pinnacle of flat tempered glass perfection. The NorthGlass’s advanced “Super Flat & Spotless” tempering technology ensures that float glass retains its original flatness and crystal-clear quality after tempering. This method virtually eliminates the common issues of distortion, strain pattern, and white haze that are often challenging to address with standard tempering processes, marking a revolutionary advancement in glass tempering technology.



Huawei Bantian Store · China



National Center for the Performing Arts · China

## Cast Glass

Driven by continuous innovation in equipment, technology, and mold design, NorthGlass has developed the world's first electrically heated continuous casting line. This groundbreaking system enables stable production at temperatures exceeding 1200°C, while supporting continuous and high-volume production. Combining proprietary design with manual adjustments, it achieves differentiated textures with consistent quality—meeting the bespoke demands of architectural art and luxury interiors. Each Cast Glass panel is a limited-edition work of art.



### High-quality materials

K9-Grade Crystal Glass  
Borosilicate Cast Glass

### Ultra-Large Single-Panel Casting

Single panels measuring up to 15 meters  
Weighing up to 1.5 tons

### Customizable Textures

Extensive Texture Library  
Multi-Dimensional Color Options

### Continuous Casting

Pioneering continuous casting line  
Daily output up to 100 meters

### Structural Safety

Reinforced structure  
Applicable for large-scale architectural curtain walls

## Application Scenarios

Cast glass, with its distinctive artistic character and high-performance attributes, is ideal for a variety of premium architectural and interior applications. For example:

**Luxury Hospitality Spaces:** Feature walls, decorative screens, suspended ceilings, bespoke flooring designs

**Exhibition & Museum Spaces:** Light-art installations, thematic spatial partitions, integrated wayfinding systems

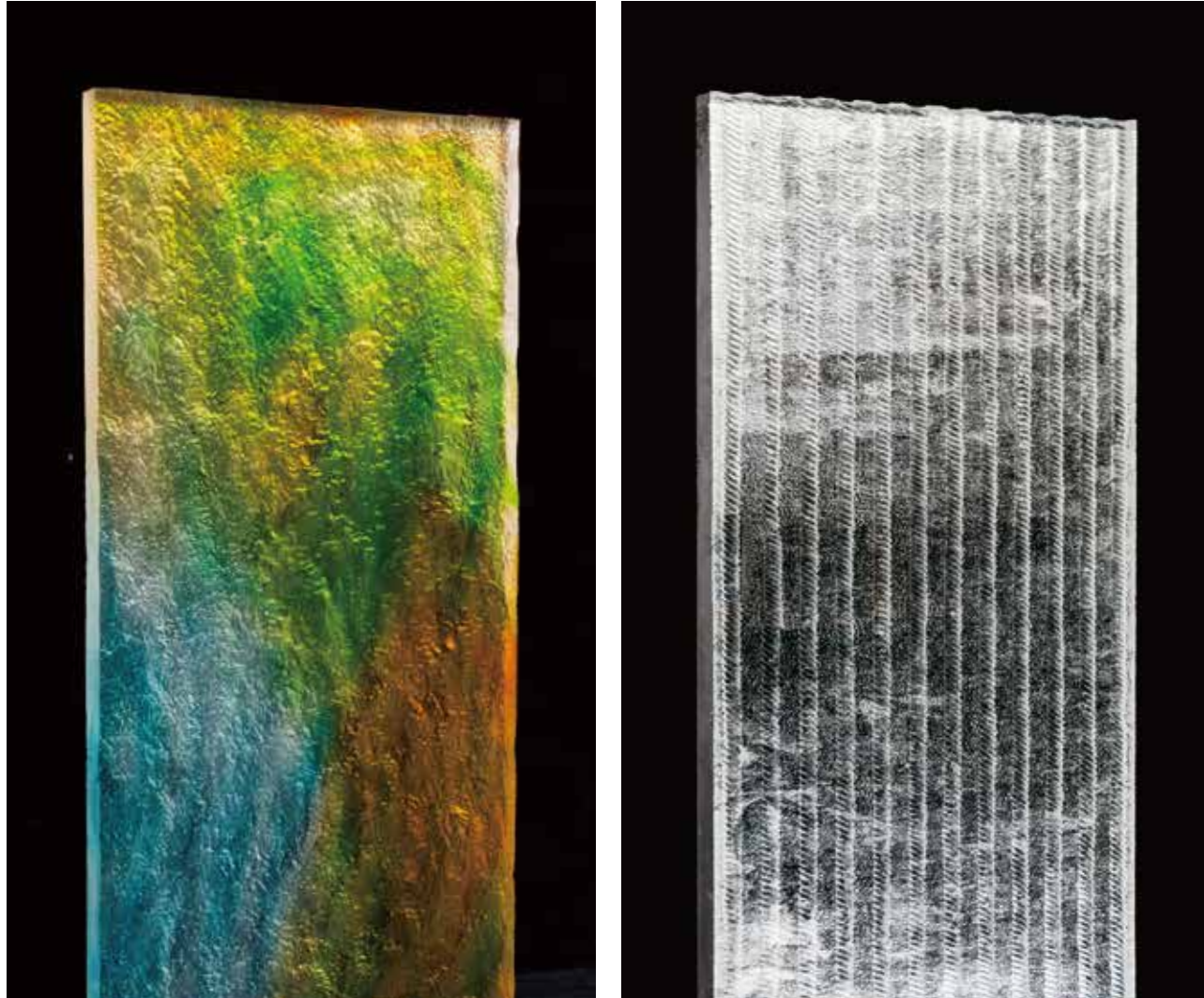
**Architectural Landmarks:** Facades & interiors enhancing spatial dynamism

**Art Venues:** Integrated with lighting systems to create dynamic light-and-shadow effects



## Product Types

Glass surfaces designed with a sculptural mindset, blending nature into architectural storytelling, injecting a distinctive expression into both architectural and interior environments. The internal textures create a "second space" within the glass—balancing aesthetics with function to deliver visual softness and layered depth.



Colored Cast Glass

Outer Color  
Inner Color

Cast Glass

Multi-layer Fused Float Borosilicate Glass  
Open-Pour Cast Borosilicate Glass

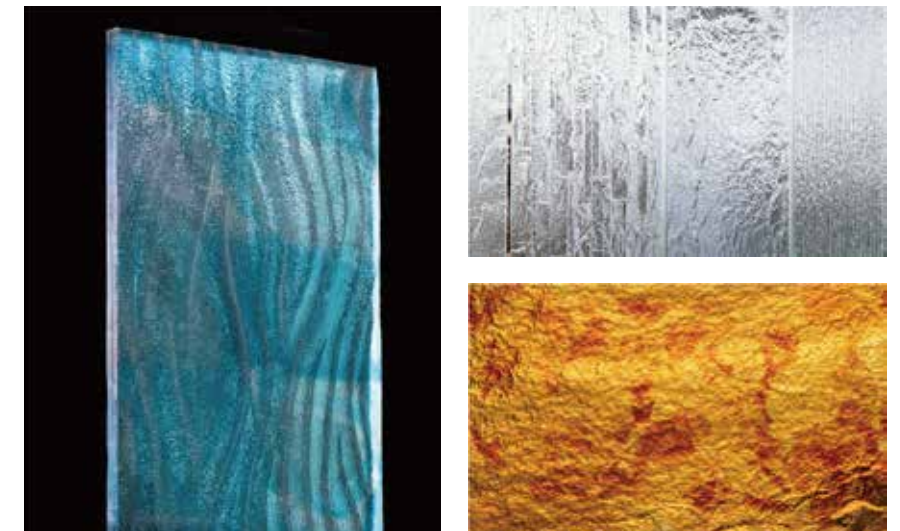
## Product Types

|                                         |                                 |                            |
|-----------------------------------------|---------------------------------|----------------------------|
| Visible Light Transmittance             | 80% - 91% (No Texture)          | 4% - 18%(Heavy Texture)    |
| Solar Direct Transmittance              | 78% - 90%(No Texture)           | 4% - 16%(Heavy Texture)    |
| Shading Coefficient (SC)                | 1.00 - 1.05 (No Texture)        | 0.30 - 0.40(Heavy Texture) |
| U-Value (Winter)                        | 4.6 ± 0.3 (W/m <sup>2</sup> ·K) |                            |
| Four-Point Bending Strength             | 30 (Mpa)                        |                            |
| Thermal Expansion Coefficient           | 3.3 ± 0.2 (x10-6/°C)            |                            |
| Thermal Shock Resistance (-30°C - 80°C) | 100 cycles                      |                            |

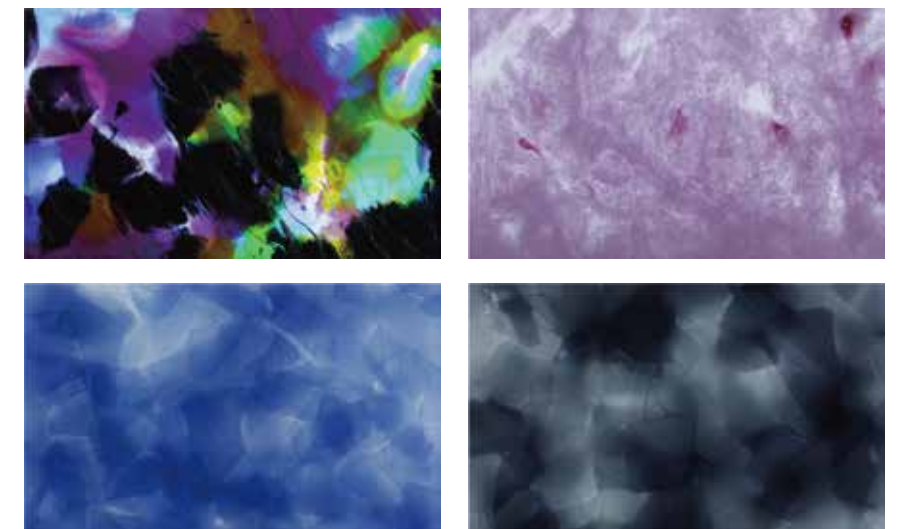
Note: The above parameters are for reference only. Actual values may vary based on glass thickness and surface texture type.

## Customized textures and color schemes

### External Surfaces



### Internal Structures



## Quality Assurance Insurance For Project Quality

NorthGlass is committed to excellence in every glass project we undertake, backed by a comprehensive insurance system that covers our global operations.

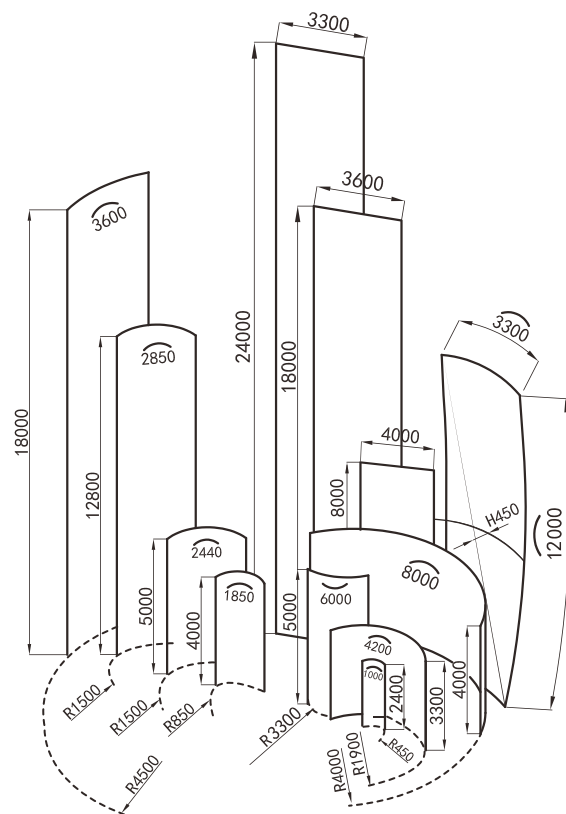


COMMERCIAL GENERAL LIABILITY INSURANCE



PRODUCT QUALITY BOND INSURANCE

## Dimensions up to:



### Coating

4,000 mm x 24,000 mm

### Digital Printing

3,300 mm x 18,000 mm

### Insulating Glass with 4SG Warm Edge Spacer

3,300 mm x 7,000 mm

### Silk-screen Printing

3,300 mm x 6,000 mm

### Insulating Glass

3,600 mm x 18,000 mm  
3,300 mm x 24,000 mm

### Lamination

3,600 mm x 18,000 mm  
3,300 mm x 24,000 mm

### Heat Soak Test

3,600 mm x 18,000 mm  
3,300 mm x 24,000 mm

## Quality Control System

Through continuous technological innovation and service, NorthGlass leads the global architectural facade design and application towards more energy-efficient, environmentally friendly, and aesthetically valuable directions. We are committed to actively developing and enhancing NorthGlass's glass processing technology system, continuously enriching and elevating the variety and overall quality level of architectural facades. Our services cater to the industry's demand for high quality and low-carbon development, turning the impossible into possible and co-creating a better habitat for humanity.

NorthGlass conducts 100% inspection of the products according to the relevant standards, ensuring a first-time pass rate for our products, demonstrating our unwavering commitment to quality.

### NorthGlass Tempering Line

The NorthGlass tempering production line utilizes smart temperature control modules and gapless convection heating to ensure uniform glass heating. It features the latest heating and cooling technologies, including lateral wind gate oscillation and an eight-tier arrangement of cooling jets. This sophisticated approach guarantees that the stress difference in tempered glass is kept within 12 MPa, and the flatness of the glass waves is controlled to within 0.06/300mm. Furthermore, the strain patterns on each piece of glass are visually undetectable, exemplifying our commitment to superior quality and precision in glass tempering.

### NorthGlass Coating Line

The NorthGlass coating production line integrates multiple advanced technologies to produce high-performance Low-E coated glass. Capable of processing glass sizes up to 3.3m x 24m, the line accommodates single silver, double silver, and triple silver glass, offering architects a broader range of color options and enhanced efficiency. Each coating type boasts unique thermal insulation, soundproofing, and heat preservation properties, allowing for the selection of the most suitable product based on the specific requirements of architectural projects.

### Automated Glass Scanning System

Automatic original piece defect online scanning system ensures the original piece quality under visual detection and in a controlled state to provide a controllable guarantee for reducing the tempered glass self-explosion.

### Automated Strain Pattern Scanning System

The fully automated strain pattern and distortion detection system scans each piece of tempered glass individually. It provides real-time monitoring of the glass quality during production and visual spectrogram images of the inspection results.

### Automated Flatness Scanning System

The fully automated flatness scanning system examines each piece of tempered glass. It monitors the flatness of the entire glass sheet in real-time and delivers visual spectrogram images of the findings.



## NorthGlass Representative Projects



1. Guangzhou Kaihua International · China
2. Oracle Waterfront Campus · USA
3. Hong Kong One Taikoo Place · China
4. Hong Kong Two Taikoo Place · China
5. Museum of Art Pudong · China

Hong Kong Two Taikoo Place is a landmark project that combines architectural elegance with engineering complexity. The entire facade uses NorthGlass products, totaling 35,000 square meters and incorporating a wide range of complex forms—including flat, irregular, curved, and conical bent glass. NorthGlass' precise control over glass flatness and the smooth curves of bent tempered glass lends the building a refined, crystal-clear aesthetic with exceptional nighttime transparency.



## NorthGlass Representative Projects



The design concept of the Beijing Library project is inspired by the traditional Chinese cultural symbol "Crimson Imprint". The project comprises 276 oversized glass panels arranged in a zigzag rib-support structure, with varying angles between adjacent large glass panels ranging from 74 to 133 degrees. The glass panels reach up to a maximum height of 15.6 meters and a thickness of 133 mm, with each panel weighing up to 11.5 tons. NorthGlass's "Super Flat & Spotless" glass enables the seamless extension of the outdoor landscape into the interior space, effectively blurring the boundaries of the architecture and creating a built environment enveloped in nature.

1. Beijing Library · China
2. China National Convention Center Phase II · China
3. Shanghai Grand Opera House · China
4. Research and Training Center of Huatai Securities · China



## NorthGlass Representative Projects



The 11th floor of 2050 M Street in Washington, DC, features a reverse-curved arc glass facade, creating a seamless, ultra-transparent, and integrated visual space. NorthGlass's innovative convex & concave bending technology ensures uniform color throughout the entire curtain wall system while providing structural support to the facade.

1. 2050 M street Washington D.C. • USA
2. Denver Art Museum • USA



1. Zhongguancun International Innovation Center • China
2. Anji Culture and Art Center • China
3. Changfeng mixed-use development in Shanghai • China
4. Opera Residences • Australia
5. Dubai World Expo-The Mobility Pavilion • UAE



## NorthGlass Representative Projects



Inaugurated in 1965, the Neue Nationalgalerie stands as the final modernist masterpiece by the architectural giant Ludwig Mies van der Rohe. NorthGlass's contribution of curtain wall glass, with widths reaching up to 3.5 meters, is exceptionally rare in European architecture. These vast tempered laminated glass panels serve as a conduit of space and light, forging a luminous bridge between the edifices of modernism.

1. Neue Nationalgalerie · Germany
2. Beijing Daxing International Airport · China
3. Huawei Smart Living Pavilion · China
4. Bloomberg's European headquarters · UK



## NorthGlass Representative Projects



1. OPPO Headquarters • China
2. University of Oregon on Knight campus • USA
3. Phoenix Center • China
4. Google Caribbean Offices • USA

With extensive experience in advancing the art of fabricating uniquely shaped and architecturally complex glass, NorthGlass has met the evolving and varied design demands for building facades. Utilizing BIM modeling and FEA to navigate intricate production workflows, NorthGlass has refined glass forming technologies, leading to the successful completion of elaborate glass curtain wall projects.



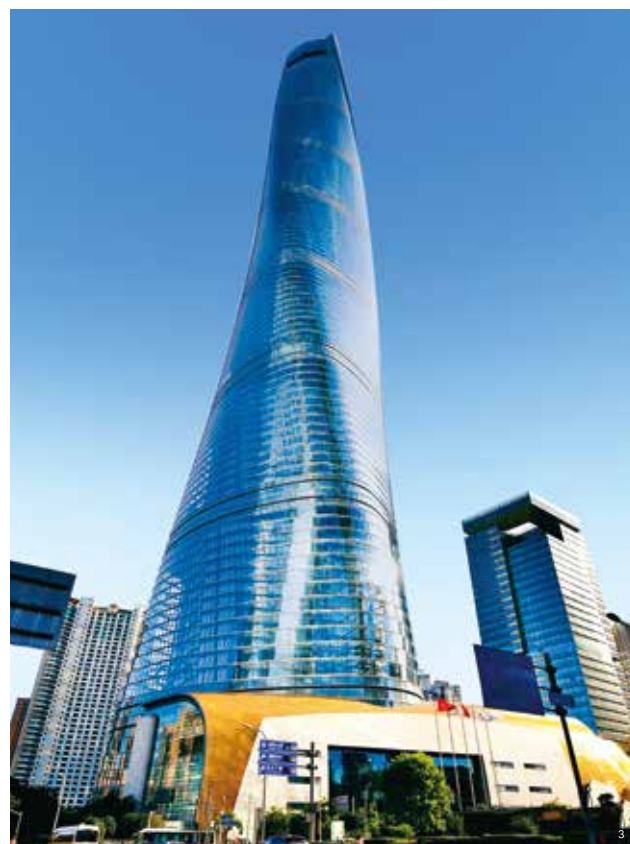
## NorthGlass Representative Projects



The flatness and reflective quality of glass in high-rise buildings play a key role in shaping the city's visual identity and improving energy efficiency. Leveraging advanced technologies, NorthGlass has developed its signature "Super Flat & Spotless" tempered glass, setting a new benchmark in the industry. This high-performance glass has been successfully used in several iconic projects, including Azabudai Hills Mori JP Tower (70,000 m<sup>2</sup>) —the tallest building in Japan, Shibaura (54,000 m<sup>2</sup>), and Shinagawa Block 4 (two towers, 70,000 m<sup>2</sup>), establishing NorthGlass as a standard-setter for high-rise tempered glass solutions.

1. Azabudai Hills Mori JP Tower • Japan
2. National Bank • Kuwait
3. Manulife Place-Calgary • Canada
4. One Blackfriars • UK
5. XRL Topside West Kowloon • China
6. Shibaura 1-Chome • Japan

## NorthGlass Representative Projects



The New Development Bank Headquarters of the BRICS nations, marking the first international financial organization to establish its headquarters in Shanghai, is made up of a main tower that rises to 150 meters and is complemented by an adjoining podium. NorthGlass is credited with supplying all the oversized glass for the project, including the main tower lobby's impressive 9.6-meter tall glass panels, the 9.2-meter tall glass in the podium's banquet hall, and glass ribs of the same size. These elements stand out as some of the most technically challenging parts of the curtain wall glass featured in the New Development Bank Headquarters.

1. Quay Quarter Tower • Australia
2. One Steuart Lane • USA
3. Shanghai Tower • China
4. Hong Kong Two Taikoo Place • China
5. New Development Bank • China
6. Xi'an Twin Towers • China

## NorthGlass Representative Projects

1. New Performing Arts Venue · Australia
2. Google Bay View · USA

The design of the New Performing Arts Venue in Brisbane, Australia, is inspired by the serpentine flow of the Brisbane River and the unique shape and texture of its riverbank facades. NorthGlass contributed to this inspiration by producing curved glass panels with varying radii that echo the river's meander, creating a visually captivating modern structure. The project includes nearly 150 pieces of 7-meter-tall, double-laminated plus hollow tempered glass, featuring both concave and convex bends. This ensemble of glass achieves a dramatic visual impact, reminiscent of the river itself. The glass arc lengths attain semi-circular dimensions, with curvature precision maintained within 5 mm, demonstrating NorthGlass's expertise in crafting intricate architectural glass for iconic buildings.



1. EXPO Sunbeam · China
2. Sanxingdui Museum · China
3. The Shanghai Lingang Youth Palace · China
4. Wuhan BOE · China

## NorthGlass Representative Projects



1. Sydney 388 George Street · Australia
2. Tianjin Juilliard · China
3. Chase Center Towers · USA
4. Yale Tsai Center for Innovative Thinking · USA

The Tianjin Juilliard features an architectural design of irregular polyhedral shapes, where each facade element serves a dual function of artistry and acoustics. The building is equipped with five-pane double-laminated super white high-performance energy-saving glass for effective sound insulation. NorthGlass strictly controls the tempered wave and wind spots, with internal wave deformation controlled within 0.06mm, ensuring both aesthetic appeal and functional superiority in acoustic management.

Tianjin Juilliard is of an irregular polyhedral shape, and every interface of the building is responsible for the dual functions of art and acoustics. The project is equipped with double laminated triple IGU ultra-white high-performance energy-saving glass for effective sound insulation. NorthGlass strictly control tempered waveform and quench mark, and internal control waveform deformation is controlled within 0.06 mm.



## NorthGlass Representative Projects



1. Louis Vuitton Maison Osaka Midouji · Japan
2. Ginza GUCCI Flagship Store · Japan
3. Louis Vuitton Kansai International Airport · Japan
4. Ginza Chanel Flagship Store · Japan
5. Omotesandou Givenchy Flagship Store · Japan