

ARCHITECTURAL GLASS

INNOVATIONS:
REDEFINING ARCHITECTURE
AND DESIGN



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XYG - GLOBALLY RECOGNIZED GLASS MANUFACTURER

Architectural Glass

As one of the world's leading glass manufacturers, XYG invites you to explore our architectural product solutions as we bring manufacturing expertise and a diverse product portfolio to the glazing community in North America. We are a fully integrated glass manufacturer specializing in the production of a wide range of quality products serving customers in more than 140 countries.



Starting with the selection of quality raw materials from our own sand mines, to the production of raw glass in our world-class float glass production lines and final architectural applications, XYG is a fully integrated glass manufacturer who has complete control over the entire production process to ensure quality.



Equipped with advanced coating and fabrication equipment, along with our experience in managing an international supply chain, we are confident that you will discover a great value in using our architectural products in your commercial and residential projects. Whether you require decorative or safety glass panels for interior applications or high-performance Low-E insulating glass units for the building envelope, we are confident that we can offer competitive product solutions.

Our Story

Our business thrives on a foundation of trust, integrity, and passion. We cherish every individual involved in our processes, recognizing their invaluable contributions. From inception to delivery, we prioritize building relationships founded on transparency, dedication, and mutual respect. Our commitment is unwavering - to consistently honor and elevate the experiences of those we serve, embodying integrity in every interaction.



» **PUBLICLY LISTED** company on Hong Kong stock exchange

» **14** manufacturing and R&D complexes

» **1998** introduced the first mass production line for architectural products

» **US \$3.08 BILLION** total corporate revenue in 2024

» **16,000+** employees worldwide

» **20+ YEARS OF EXPERIENCE** in supplying North American market

Our Locations

Covering a total area of 100 million square feet, our production floor space and offices are strategically located in North America, the Middle East, and Asia. Each of these locations is dedicated to the production of specific types of glass products for use in various applications.



1	2	3	4	5	6	7	8	9	10	11	12	13	14	Indonesia
Shenzhen GUANGDONG	Dongguan GUANGDONG	Jiāngmén GUANGDONG	Wuhu ANHUI	Tianjin PROVINCE-LEVEL MUNI	Yīngkǒu LIAONING	Deyang SICHUAN	Beihai GUANGXI	Zhāngjiāgāng JIANGSU	Chéngmái HAINAN	Malaysia	Quījīng YUNNAN	Chóngqīng		



Our Products

INSULATED GLASS

Insulated glass consists of two or more pieces of glass separated by a gas-filled space, commonly used to reduce heat transfer as part of a curtain wall. It can be combined with Low-E glass to produce an effective energy-efficient product.

LOW-E GLASS

Low-E (Low Emissivity) glass is a specially coated type of glass that can reflect ultraviolet light and heat energy without compromising on visible light. We have a wide range of Low-E coating selections, catering to diverse preferences and performance requirements.

HEAT STRENGTHENED GLASS

This type of glass is made with a similar process as tempered glass but it is only twice as strong as regular annealed glass. When heat strengthened glass is shattered, it breaks into larger pieces and tend to stay in the opening longer than tempered glass.

LAMINATED GLASS

Laminated glass is a high-grade safety glass formed after an adhesive interlayer (PVB or SGP interlayer) is put between two or more pieces of glass to bind together under high temperature and pressure. When shattered, the broken glass pieces will remain held together in its original frame, thus ensuring the safety of its users.

TEMPERED GLASS

Tempered glass is a type of safety glass that has undergone heat treatment and rapid cooling to make it 4 times stronger than regular annealed glass. When shattered, the glass breaks into small, harmless fragments.

CERAMIC FRITTED GLASS

Ceramic fritted glass refers to custom colors and designs that are printed on the surface of the glass, made permanent upon undergoing a heating process.

Our Projects

Each project stands as a testament to innovation and design excellence. From towering skyscrapers to breathtaking structures, our glass elevates spaces, merging functionality with aesthetic brilliance.



Product

Low Iron Triple Glazed Laminated IGU with
XDTN0080 and XETN0087 coating

Location

400 W Georgia St
Vancouver, BC

Architect

Merrick Architecture

Glazing Contractor

Glass 3 Enterprises Ltd

Specifications

VLT: 61%
U-Value - Winter Night: 0.16
U-Value - Summer Day: 0.17
Shading Coefficient: 0.38
SHGC: 0.33

IMAGE COURTESY OF: OSO DESIGN + WESTBANK PROJECTS CORP.



Product

Crystal Grey IGU with
XD47081 coating

Glazing Contractor

Alliance Glazing
Technologies

Specifications

VLT: 43%
U-Value - Winter Night: 0.29
U-Value - Summer Day: 0.28
Shading Coefficient: 0.27
SHGC: 0.24

IMAGE COURTESY OF: SCB

Product

Clear IGU with XD562266-D coating

Location

7900 Wisconsin
Bethesda, MD

Architect

FXFowle Architects LLP

Glazing Contractor

Plaza Construction

Specifications

VLT: 55%
U-Value - Winter Night: 0.24
U-Value - Summer Day: 0.23
Shading Coefficient: 0.36
SHGC: 0.31

IMAGE COURTESY OF: PLAZA CONSTRUCTION





Product

Clear IGU with XETG0150 -T coating

Location

14 W Superior St,
Chicago, IL

Architect

Goettsch Partners
Hartshorne Plunkard Architecture

Glazing Contractor

Entekk Group Ltd.

Specifications

VLT: 45%
U-Value - Winter Night: 0.26
U-Value - Summer Day: 0.25
Shading Coefficient: 0.37
SHGC: 0.32



Product

Clear IGU with XE30432 coating

Location

321 W 6th St
Austin, TX

Architect

Handel Architects

Glazing Contractor

Alliance Glazing Technologies

Specifications

VLT: 36%

U-Value - Winter Night: 0.31

U-Value - Summer Day: 0.30

Shading Coefficient: 0.31

SHGC: 0.27

IMAGE COURTESY OF: Handel Architects

For more projects please visit xygna.com/architectural-projects



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