

Build with Guardian Glass

Mapping our digital landscape

Your guide to finding our tools and services

Photography © Yunus Özkaçanç

Order

Specify

Get support

Select

Get inspired

Get inspired



Project locator NEW

Explore Guardian Glass projects in your area and beyond with Google Street View, and be inspired by the possibilities.

Showcase projects

Discover our showcase projects, captured through the lens of professional photography.

E-learning

Learn the glass fundamentals with our Glass Academy series. A fun and interactive way to become a glass champion – at your own pace!

Technical resources

Design and build with glass with confidence. From the basics to more complex information, our technical notes and videos help you gain a better understanding of glass.

Select

PRODUCT ENERGY PERFORMANCE

Product energy performance

Easily get the thermal and optical properties of standard glazing make-up.

Building Energy Calculator

Get an estimate of the potential energy and cost savings you can achieve with different glazing options.

Performance Calculator

Use the online calculator to make advanced glazing calculations, modelling the thermal, optical, acoustic and embodied carbon values for our glass substrates, coatings and interlayers.

Window Glass Customizer

Receive personalized glazing recommendations for your home, tailored to your specific needs.

PRODUCT VISUALIZATION

Product visualization

View digitally rendered images of a product under various lighting conditions and building set-ups.

Sample ordering online service

Request a standard or custom make-up sample to see for yourself the reflected and transmitted color of the glass product you have selected.

Glass Visualizer NEW

See advanced digital renderings of a product in a realistic building environment. View a close-up or a wide-angle shot showing different angles to see the color impact, with and without direct sunlight. Compare the product's appearance in various lighting conditions and with other products.

ACOUSTIC PERFORMANCE

Acoustic Assistant

Estimate the acoustic performance of different glazing make-ups or identify which glazing can meet your sound reduction requirements.

PRODUCT COMPARISON

Product comparison

Select up to three products and easily compare their energy performance.

Digital Glass Selector NEW

Navigate our architectural glass range and filter the options that can meet your needs based on product performances and aesthetics.



ENVIRONMENTAL, HEALTH AND SAFETY PERFORMANCE

Embodied carbon calculation

On a product page or in the Performance Calculator, estimate the embodied CO₂ equivalent for a wide number of glazing combinations (for glass components we produce).

Environmental Product Declarations, Health Product Declarations, Safety Data sheets

Access transparent and verified information on the environmental, health, and safety profile of a product to better understand its impact on the building you design, and make informed decisions.



Specify

Generate BIM files

Generate generic and custom BIM files in Revit and IFC format for standard glazing make-ups from a product page. Via the Performance Calculator in Glass Analytics, generate custom BIM files with very precise glazing make-up details to help craft the final level of detail for construction documents.

Thermal stress analysis request online form

● Available soon

Ask our glass experts to identify the physical impact of temperature and temperature variations on a glazing unit. Temperature differences impact the glass, while maximum temperature affects the interlayers in laminated glass. Glazing make-up, coating or heat treatment alternatives can be recommended, taking into consideration the regulatory limits set by each country.

Generate specification documents

Copy our prewritten product description directly in your project specification document. Have a Guardian Glass expert review your specification to help you identify the finer details of your project.

Glass thickness and static calculation request online form

● Available soon

Fill in the form to receive from our glass experts the identification of the physical impact of static loads on glass, varying according to wind, climate, maintenance, barriers, and crowd conditions. Our experts also check whether the static stresses and deformations applied to the glass are compliant with the limit values defined by each country and market regulations. If the glass is deemed non-compliant with safety standards, we will recommend an alternative solution tailored to your needs.

Get support

Available at various stages of the project

CLARIA™ AI-powered assistant

NEW

Access extensive information, receive tailored recommendations, and find answers on everything from glass performance and production to selecting the right products to help comply with regional norms and building codes.

Technical services team

Our team of glass experts answers your technical questions via email or phone, providing you with the information you need to make informed decisions, whether you are a direct or indirect customer.

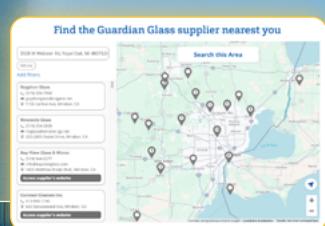
Environmental certifications

Our LEED® Green Associates™ have the latest knowledge about these building principles and practices, offering you expert support to help you meet specific LEED® requirements. They are also in the process of becoming BREEAM® Advisory Professionals (AP - Design & Site) to help you in your decision-making to support your BREEAM goals.

Order

Find a supplier

Locate a Guardian Glass supplier near you and filter them by their fabrication capabilities.



E-commerce and Service Portal

Oversee nearly every aspect of your account through our online platform, the E-commerce and Service Portal, empowering you to conveniently handle most interactions without needing to contact an individual Guardian employee. Discover how you can place an order, check its status, view your prices, track shipments, manage project agreements, raise enquiries, and more, 24/7.

Where to find our tools:

● Projects

● Resource Hub

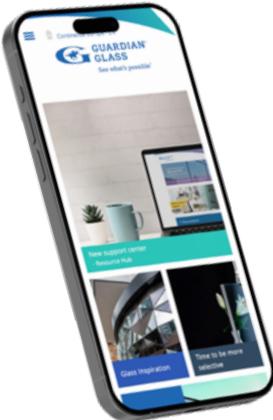
● Glass products

● Glass Analytics

● Tools and resources

● E-commerce and Service Portal

Where to find our digital tools and services?



Website

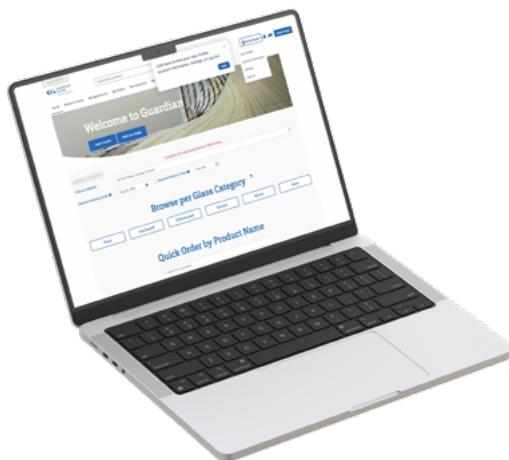
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