



**Architectural**  
**You define, we deliver**

# Precision Performance, Protection in Glass

Thousands of glazing systems are produced every year under our roof, from simple laminates to complex bends and curves.

With two specialist manufacturing units, and over 80 years experience, we produce complex, high performance product assemblies across transport, architectural, security and military markets.



*Exchange Square: Dellner Glass Solutions supplied toughened, laminated, shaped glass canopies for the tram stations at Manchester's Exchange Square.*

*Daresbury Sci Tech University: Dellner Glass Solutions supplied cut and shaped tinted and laminated glass panels for a series of sculptures.*



## Precision

Dellner Glass Solutions are passionate about creative design. Our technical designers work seamlessly with representatives from all stages of the design and manufacturing process to deliver striking projects on a global scale.

## Bespoke, scalable solutions

Our bespoke architectural glazing is at the heart of many innovative building projects around the world. From high-tech inner city commercial and retail buildings to unique architectural statements, we truly have all areas covered. With over 80 years' experience working in the architectural market, we can provide you with high-quality glass solutions no matter what your project is.

The use of glass in architecture goes way beyond aesthetics and decorative embellishment: large glass installations are more creative and more practical. We can alter our architectural glass through processes like shaping, curving, and laminating to provide the perfect solution for your individual requirement. We work closely at the concept stage with architects, designers and fabricators to produce some of the most advanced structural glass available in the market and have one of the most experienced technical design teams in the industry.

Our vast range of products also includes decorative tinted and printed glass. We use the Vanceva colour PVB interlayer range, enabling a dynamic palette to be achieved. The end result is inevitably stunning, allowing designers to produce some of the most iconic modern structures in the world.

No matter how creative or impossible an idea might seem, our highly skilled workforce will help you see that idea through to implementation, allowing your work to be completely unique and inspire future generations.



## Whatever the project, you imagine, we deliver

Our dedication to quality and innovation has meant that our glass is present in some of the world's most iconic structures and vehicles. Creative ideas often emerge from collaborations with specifiers, and we always rise to a challenge. For instance, manufacturing bespoke tinted glass sculptures or constructing a vision panel able to withstand the blast of a grenade. These are all bespoke solutions which Dellner Glass Solutions has successfully delivered.

We are an ISO: 9001 and ISO: 14001 accredited business; and all our products are fully tested and certified independently to the latest relevant European and NATO (STANAG) standards as well as many others that predate them.

We will provide high quality glass that gives you the edge in your market; whether you design or safeguard buildings, or manufacture military and commercial vehicles. Whatever the project, you imagine and we deliver.



**Oasis 21, Japan:** A floating glass floor consisting of 1089 structural panels for a glass-bottomed lake with a walk-on glass perimeter

## Performance

As one of the oldest and most experienced glass processors in the UK, Dellner Glass Solutions has the technical expertise to produce glass that performs multiple functions. Our advanced production and testing facilities, paired with our talented and experienced staff ensure we are able to excel in a highly technical, competitive supply chain.



**London Zoo, 'Land of the lions':** An anti-reflective glass of less than 1% reflection and 97% light transmission, uniquely manufactured to high levels of safety and security.

# Pioneering Glass Technology

As technology has evolved and manufacturing techniques have become more complex, glass has now become the building material of the future. Bold installations have become more creative and practical but also multi-functional.

## Materials

Our product begins life as raw, flat annealed glass. We liaise with suppliers globally to source state-of-the-art raw materials; as such we provide the very best the glass industry has to offer. Such as standard float glass, crystal clear low iron glass and wireless self-tinting solar control glass - all with optimal and unbeatable clarity.

## Structural Glass

With our state of the art manufacturing machinery, we create both simple and complex structural shapes that often include a variety of drill hole configurations to suit point-fix inserts for seamless architectural designs.

Our unique laminating process incorporates high performance interlayers that ensure the glass is capable of withstanding significant structural loads, whilst retaining a slim profile.

Dellner Glass Solutions create structural glass to suit many types of applications such as glass flooring to allow light into dark or subterranean rooms, acoustic partition walls, external facades, curtain-walling, staircases and balustrades.

## Curved Glass

Our ability to manufacture curved glass to our clients' precise requirements is what truly sets us apart in the marketplace. Creating curves is a highly skilled process conducted by our dedicated fabrication team. Every curve requires bespoke tooling which is fabricated in-house. We also have the ability to produce curved glass to templates. We can laminate, drill, print and even double-glaze our curved glass. We offer bespoke solutions.

*Manchester Victoria: Dellner Glass Solutions supplied 60m of glass balustrading for a glass bridge in the redeveloped station.*





## Coated Glass

Surface coatings can be applied to glass to modify its appearance and functionality. Many advanced properties such as anti-reflection, Low IR (Infra red) Transmission and self-cleaning are due to technologically advanced coatings available from Dellner Glass Solutions. Our passion for creative and functional design ensures we are uniquely positioned to offer glass with these properties using multiple laminates and interlayers to create extraordinary, high performance projects.

## Embellishment

We are passionate about creative design and our technical team work seamlessly with our clients to deliver striking projects. We have the technical capacity to laminate vibrant colours into the glass, and to screen-print custom designs. We also provide printed laminate interlayers for highly detailed, photographic effects.

## Security

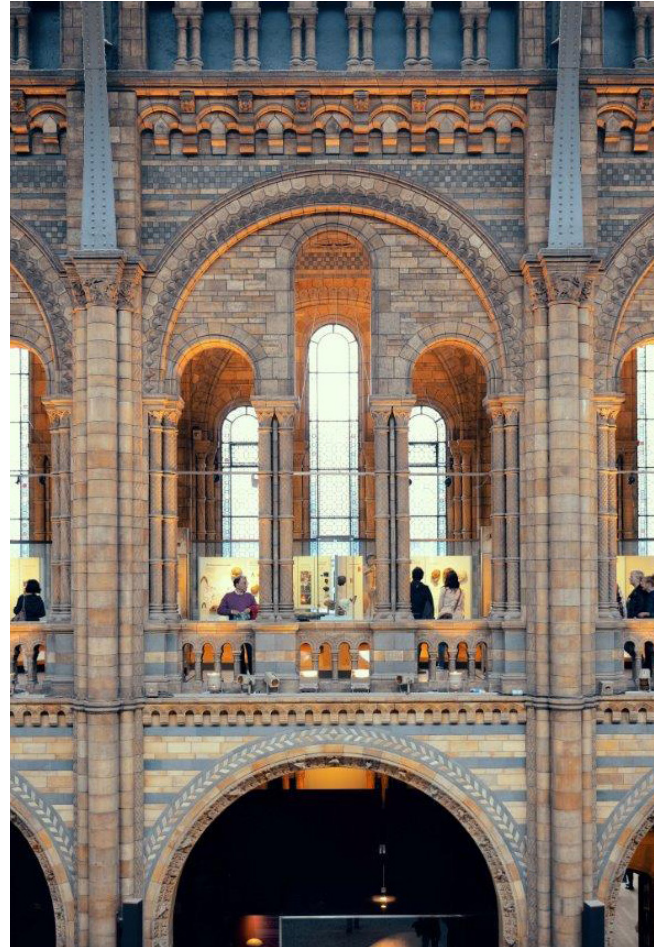
We supply security glass all over the world; from robust physical security to bullet and blast resistant specifications. Using a unique skillset honed over decades in the industry, we manufacture high levels of protection with superior optical qualities – fully tested and certified by independent bodies.

## Technology

Innovation is in our heritage; we are constantly looking for new ways to incorporate new technologies in our product range. We have the experience and know-how to laminate touch-sensitive foil into glass for kiosks and self-service ticketing as well as multi-user tables and curved cabinets for the gaming industry.

We have also expanded into digital signage solutions, where the glass is used to provide robust protection for indoor and outdoor deployment whilst maintaining optimal clarity.

Whether you wish to use glass as a structural building material, form functional curves, add colour and print to customise your design, improve the technical performance of the glass or stop bullets – we offer bespoke solutions.



*Natural History Museum: Dellner Glass Solutions supplied specialist glass for display cabinets utilising the latest glass technology in clarity and security.*

## Protection

We are dedicated to the protection, preservation and presentation of our cultural heritage. Design and systems engineering, employing innovative materials and lighting technology, is at the heart of what we do. We have collaborated with leading designers and architects for over 25 years, on the production and installation of advanced showcase and display solutions for museums, galleries, private collections and luxury brands.

# Dellner Glass Solutions we work with you, every step of the way

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