



G-span
FRAMELESS STRUCTURAL GLASS SYSTEMS



Far more than just Glass

As part of the James Price Group, **G-span** draws on over 50 years experience in the supply of high quality glass products.

Today, **G-span** is a respected provider of frameless structural glass system solutions to quantity surveyors, architects and specifiers within the construction industry.

G-span offers its clients a dedicated design, supply and installation service of glass systems ranging from internal partitioning, stairwells, structural glass façades, canopies, entrance systems and external, weatherproof cladding.

Our highly motivated personnel undertake a wide range of projects from client briefing, production, delivery to site and, if required, final installation, ensuring workflow continuity whilst upholding the most stringent quality standards.



Aspecto

G-span™ glazing provides a shop front system that creates a light, open airy space, adding to a positive shopping environment. The flush exterior offers clean lines, and an attractive appearance.



The structural glass system provides a free standing balustrade that does not require separate uprights with infill panels. The toughened glass, which is held by steel sections securely fixed to the floor structure, ensures structural integrity.



G-span

Designed to offer a
Sheer Glass
 External
 façade

Our independently tested system, designed in-house, gives architects and specifiers the scope to create an original frameless façade.

It is also suitable for other applications such as Canopies, Roofs, Internal Partitions, Glass Cubicles and Boxes.

- Large uninterrupted panels to give maximum light and vision
- Frameless or Framed Doors can be incorporated into the system
- Supported by specialist steelwork, tension structures or Glass Fins
- All toughened glass Heat Soak tested
- Single or Double Glazed options
- Laminated glasses and screen panel options available
- Wide range of fittings available in a number of materials and finishes
- Meets latest CWCT & BSEN Standards test data



Esprit, Met Quarter

Using single **G-span™** glazing to create an impressively light, spacious, and fully weatherproof envelope to the external façade. The glazing is fixed in place using series of specifically designed stainless steel brackets, counter-sunk glazing bolts, and glass fins, and incorporates a frameless door assembly, resulting in a totally flush appearance to the entire glass facade

G-span

Structural

I.G.
units

Designed to meet specific needs for solar and environmental control, structural I.G. units fully comply with the latest Building Control Regulations, whilst offering an aesthetic freedom of design to architects and specifiers.

- Large uninterrupted panels give maximum light and vision
- Frameless or framed doors can be incorporated into the system
- Supported by either specialist steelwork, tension structures or glass fins
- All toughened glass Heat Soak Tested
- High performance solar and low E glasses available
- Laminated glass options available
- Wide range of fittings available in a number of materials and finishes
- Meets CWCT & BSEN Standards available Test Data

Cranfield University, Bedfordshire.

The **G-span™** faceted structural glass façade formed from high performance, solar controlled, insulated double glazed units, provides a light and airy atmosphere to the University restaurant, while maintaining a warm and welcoming ambience.

The **G-span™** glazing is securely fixed back to tubular steel trusses, via stainless steel profiled brackets and specially designed fittings that attach to the inner glass only. This creates a tamperproof uninterrupted aspect to the outer surface.

The high performance **G-span™** units can be built-up with 6mm performance coated outer skins and 10mm clear inner skins. All panels are constructed using toughened and Heat Soak Tested glass.



G-span

The highest
standard of
Performance
systems

Our systems are designed to take into account the latest design and technology to satisfy the demands of the architectural specifier, and incorporate advanced thermal performance characteristics, for today and the future.



G. Downing Headquarters, Liverpool

A high performance **G-span™** glass roof provides the heat and light transmission properties expected in a modern city centre office. The double-glazed panels are bolted back to a roof structure of steel rafters. The laminated skin offers the safety required for overhead glazing, and the incorporation of a high performance soft coated product affords both enhanced solar control and sound reduction.

The Liner Hotel, Liverpool

An exciting glazed entrance welcoming guests to one of Liverpool's finest hotels. The mono pitched canopy provides a bright and dry cover over the **G-port™** automated glazed entrance door assembly leading to the hotel reception. The line of **G-span™** glazing continues to form a segmented glass roof above the adjacent double glazed ground floor bar and restaurant.



The canopy comprises toughened laminated **G-span™** panels fixed back to laminated glass mullions, offering strength and safety for overhead glazing.

The segmented roof structure to the restaurant consists of laminated double glazed units. These offer both strength and safety, together with the additional thermal control associated with double glazed units.

Feathers Hotel, Leyland

This impressive bronze tinted **G-span™** glass duo pitched canopy, reaches out more than 10 metres from the main hotel entrance. The **G-span™** glazing comprises a 10mm thick clear toughened outer panel, laminated to a 6mm toughened bronze tinted inner panel. The glass panels are securely fixed back to the steel structure using bronze plated steel fixings, to complement the tinted glass and finished steel structure.



Additional gold lettering and characters are sand blasted and painted into the glass giving a long lasting, sharp, fade resistant finish to the gable signage.

G-port

Meeting the demand
for comprehensive

Access and Security

Our range of sections,
suitable for low rise facades,
offer stylish and practical
solutions, to meet the
specifications required by
architects when designing
Entrances and Shopfronts.

- Framed and Frameless Doors
- Automatic or Manual options
- Hinged, Swing, Sliding and Folding types
- Ranges for light to heavy traffic situations
- Anti-finger trap styles
- Doors to meet Document L are available
- Single or Dual colour option on thermally broken sections
- Various sightline sections to give design flexibility



Salford Church Apartments

G-port™ toughened glass manual doors offer maximum light penetration into the building entrance whilst maintaining security and weather protection.

G-port™ doors are available in 10mm, 12mm & 15mm toughened glass, either clear or tinted (10mm only). In addition **G-port™** doors can be screen printed, sand blasted, acid etched or vinyl filmed with lettering patterns and company logos to enhance the entrance assembly.

G-port™ doors can be supplied in three variants; rails top and bottom, patches top and bottom, or rails to the bottom with patches to the top. A wide range of door furniture is available in different metal types with a variety of finishes to complement the glazed entrance.

In addition to manual styles, **G-port™** doors can be supplied fully or semi-automated in either sliding or swinging versions. **G-port™** automatic doors can be supplied to comply with the latest Disability Discrimination Act (DDA) guidelines.

G-clad

Designed to visually appeal and
Create
a dramatic façade

A practical system designed to offer flexibility, giving the architect the opportunity to design a visually attractive façade, whilst knowing it will meet the most stringent standards in weather and thermal performance.

- Fully zone drained and pressure equalised
- Profile width of 55mm
- Polyamide thermal break allowing Single or Dual colour
- Accepts full range of opening of opening lights
- Faceted and curved options
- Top hung frameless vents available
- Various capping options to give design flexibility
- Range of back box depths from 79mm to 250mm
- Accepts glass thickness from 6mm to 33mm
- Complies with Document L on thermal transmittance
- Tested in accordance with, and meeting BS 6375 and CWCT Standards
- Suitable for sloped glazing situations



Budenberg Apartments

G-clad™ toughened glass rainscreen provides an uninterrupted finish to the building. The 8mm thick, clear **G-clad™** toughened glass, is finished with a unique 'ivy leaf' screen print, applied to the inside surface concealing the building sub-structure.

G-space

Internal Partitions

cool, clean, clear

A toughened glass internal partition system that is attractive, flexible, and durable.

G-space allows light to flood internal areas, the level of which can be controlled by the application of screen printed or vinyl coatings to the glass surface.

- Clear, toughened Heat Soaked, or laminated glass
- Curved and shaped to specifications
- Screen printed to a full range of RAL colours
- Vinyled, filmed or sand blasted
- Framed or free-standing
- Frameless glass sliding or pivot doors
- Laminated glass stair treads and bridges
- Ballustrading
- Suitable for light wells, reception areas and partitions



G. Downing Headquarters, Liverpool

A high performance **G-span™** glass roof providing the heat and light transmission properties expected within a modern city centre office. The double-glazed panels are bolted back to a roof structure of steel rafters. The laminated skin offers the safety required for overhead glazing and, incorporated with a high performance soft coated product, offers both enhanced solar control and sound reduction.

Hobbs Head Office, Liverpool

Internal office installation comprising 12mm toughened glass screens and **G-port™** doors, providing a light and spacious environment whilst offering privacy and sound reduction to the occupants.



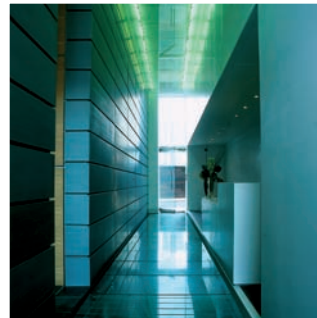
Technical Support

Table Processing Sizes

Single G-span™	Maximum size	2000 x 4000
Double G-span™	Maximum size	2000 x 3400 (54mm thick)
Laminated G-span™	Maximum size	2000 x 3000
Screen Printing	Maximum Size	1550 x 3000
Minimum size		300 x 900
Aspect Ratio		18:1
Fin Aspect Ratio		18:1
Fin Minimum Depth		360

Please note:

Glass or any finished product is limited in size, thickness and weight, depending on processes subjected to. If in doubt please check prior to ordering.



This information is given in good faith and J. Price hereby disclaim all liability however so arising from an error or omission from this publication. It is the responsibility of the customer to ensure that the use of the products is suitable for the purpose that they are intended and comply with all legislation.

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