



Glass

Typical Glass Specification 8mm Toughened outer / 16mm argon gas filled cavity / 2x6mm toughened laminated inner with low e coating. Glass specification will depend on the requirements, single double and triple glazing is possible.

Additional Glass Finishes Low Iron Glass / Solar Control Glass / Anti Reflective Glass / Anti-Condensation Glass / Acoustic Reduction Glass / Coloured Interlayers / Decorative Glass / Electro Chromic Glass (for large scale orders) / Fire Rated Glass (size restrictions apply) / Heated Glass / LED Glass / Low Maintenance Glass / Privacy Glass / Reflective Glass / Sandblasted Glass

Thermal Performance

Standard Ug value of 1.1W/m²K vertical. Overall Uw value to be calculated per installation.

Drainage varies due to configuration and ventilation requirements of each project.

Integrated IQ Flush Drainage Blade Channel

Colour aluminium cover plate, silver. Can be powder coated on request.

Drainage integrated into design of glazed roof elements Recommended minimum pitch of 3° - 5° to avoid water pooling and allow drainage. Glass overhang prevents water from horizontal assemblies running down the vertical glazed elevation.

Glazed Roof Structural Supports which exceed 1.3m in length

Glass Beams comprised of 4 x 10mm toughened laminated glazed elements. Depth of the beam varies depending on the size and weight of glazed panel it is supporting.

Steel support section Steel T or box sections to support glass joints. Size of steel support depends on the size and weight of the glazed element it is supporting.

Construction and Installation

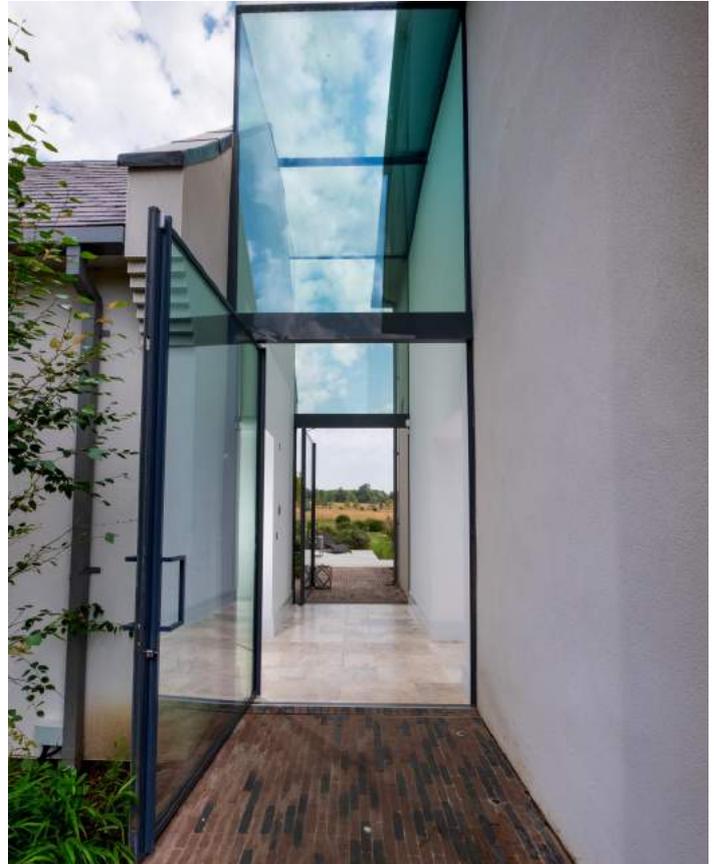
All installation to be carried out by IQ Glass in accordance with IQ Glass design drawings which are produced uniquely per project with an assumed wind load of 0.65 kN/m² unless otherwise specified.

Opening Elements

Numerous door systems can be integrated into an IQ Glass structural glass link.

Glass links can be constructed using single glazing or double or triple glazed units for a thermally efficient installation. Opening elements such as doors can be integrated into the structural glass construction for freedom of movement throughout a space.

Applicable Door Systems Keller minimal windows® / Mondrian External Doors / Vitra Pivot / Aluminium Bi-Fold Doors / IQ Frameless Interior Doors for a single glazed installation.



How to Specify structural glass links from IQ Glass

Frameless glass links are the perfect way to create a link between two buildings to provide shelter from the outdoors and to enhance the natural light intake into the buildings on either side of the link. If you would like to specify a structural glass link on your project just speak to the team at IQ who would be happy to assist.

Speak to the team at IQ

The team at IQ are the experts in our product range. If you are considering using a structural glass link on your project speak to the team at IQ who will be able to advise you on the best solution for your intended design, ensure that all specification criteria are met and advise the feasibility to areas of the installation you may not have considered.

Get a Quotation

We advise our customers to get a quotation for their intended glass link installations from IQ. This allows us all to ensure that the preferred product and design is within budget. If it is not we can help you adjust the specification to reach all performance, design and budgetary requirements.

Add us to your NBS Specification

To assist you in specification we have created individual NBS Specification sheets for structural

glass links. These, easy to navigate, documents contain all the vital information needed for specification. They are available for you to complete on your own, alternatively ask your sales representative at IQ to complete this on your behalf

Place the Order

When ready you (or your client or the builder) can then place the order for your glass link with us. A full in-house handover will take place and your project will be passed to the contracts and design team. Once your project deposit is placed we will then undertake full design drawings for the installation and any other additional glazing works. Please allow at least 20 working days for the design process.

The project will be appointed a dedicated contracts manager who will oversee the installation process. The estimated lead time for a structural glass link is 10 to 12 weeks depending on system and material chosen. This may be longer for specialist installations. This will be confirmed on order.

