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Glass Box Extension

IQ Glass can offer a fully bespoke or modular approach to glass extensions and modern conservatories using a variety of different supporting methods to achieve the appearance required.

Products / Structural Glass and Glazing / Glass Box Extension



Specification

Glass Options

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Bespoke Glass Boxes

Glass box extensions or frameless conservatories made from structural glass units and supported with glass beams and fins.

Glass box extensions or modern conservatories can create a completely clear, frameless extension space with no metal supports visible. By using

frameless pieces of structural glass with laminated **glass beams and fins** the entire construction can be sheer glass.

The full range of IQ's technical glass solutions can be used within these frameless glass extensions for highly performing space. Heated glass can provide the sole heat source for the extension space, **solar control coatings** can provide effective solar protection and low maintenance coatings help lower maintenance and cleaning on these large frameless glass structures.

Frameless Glass Boxes

These types of frameless glass box extensions can be used as both a modern conservatory and a glass extension depending on requirements. Using highly efficient double glazed, or triple glazed units, these fully glazed structures can still be a comfortable warm environment with a thermal performance to adhere to Building Regulations for extension spaces. To learn more about the difference between a conservatory and an extension read our learning portal.

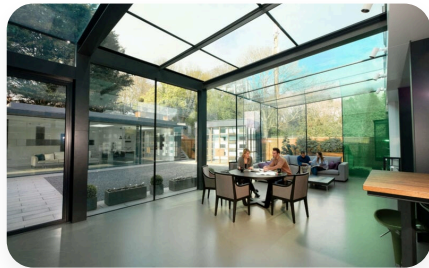
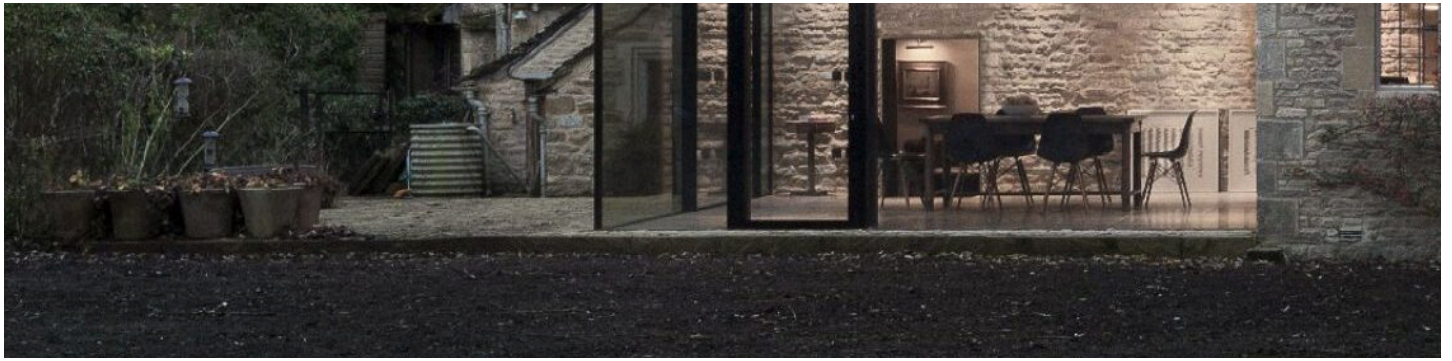
Glass box extensions can integrate any number of access openings from our **slim framed sliding door** system, **bi-fold door** sets, to bespoke flush glazed hinged doors and more.

The classic 'glass box' has undergone many developments over recent times including the move from single glazing to super-efficient double glazing, less metalwork and the introduction of oversize sliding doors with smooth operation.

A structural glass conservatory is one of the most popular glazed editions to homes across the UK. It's easy to see why, with full integration of our heated glass, solar control coatings and contemporary sliding doors, you can create a modern space to inhabit all year round, whilst adding great value to the property.

Frameless glass box extensions and conservatories allow you to achieve maximum light and space into a building whilst enabling views out to the landscape throughout the seasons.





Glass Extension Showroom

Where can I see a glass box extension in person?

Take a look at the construction of our glass box extension for yourself, and come along to the IQ Glass showroom in Amersham! Our offices have been extended with the addition of a large structural glass box extension.

The glass extension showcases a variety of supporting structures (including steel T sections and glass beam/fins). The glazed extension also includes an opening door which showcases the connections and supports involved with this type of opening addition within structural glass.

During your visit to the IQ Glass showroom, you will also have the opportunity to take a look at detailed drawings of previous projects. You can meet our expert design team who will be able to sketch out detail suggestions, and give an insight into how we might design the connections for your glass box extension.

To book your appointment, simply [contact us](#) and arrange a suitable time and date.

Designs of Glass Extensions

Glass extensions are not featureless glass boxes. When created in conjunction with the project design team, a glass extension can be an integral – and sometimes important – part of an overall building design.

From integrating timber beams and features to using timeless steel designs, glass extensions can be designed with a wide variety of designs and aesthetics.

The beauty of glass extensions from IQ Glass is the sheer variety of choice and design. Each glass extension we create is perfectly tailored to your requirements in terms of both design and performance. All you have to do is get in touch with us and we will do the rest.



High Performance Glass Extensions

IQ design glass extensions to exceptionally high performance standards to ensure our glass structures suit even the highest performance requirements.

Whether you are concerned about thermal insulation, or wind loading for the project location, we can design a glass extension to suit the requirements. Glass extensions can be exceptionally insulating when

designed with high performance glass and IQ's exclusive and patented structural glass fixing systems. Noted and awarded for their thermal insulation, shortlisted for the Archello 'For the Planet' Award, our structural glass fixing system Invisio offers only the highest performance.

Tell us your performance requirements – whether that is simple building regulation compliance or higher – and we will design a glass extension to suit.

Specification

Bespoke Extension Designs

How are glass box extensions made?

Glass box extensions are made completely bespoke, and most sizes for glazing panels integrated into these glass extensions can be accommodated.

These bespoke glass boxes can include a whole range of supporting methods, including glass beams and fins or steel section supports. They can also incorporate a wide range of decorative glass solutions, technical glass solutions and shapes

Integrated Doors

Structural Glass Interface Detail

Ask an Expert

Find Out More

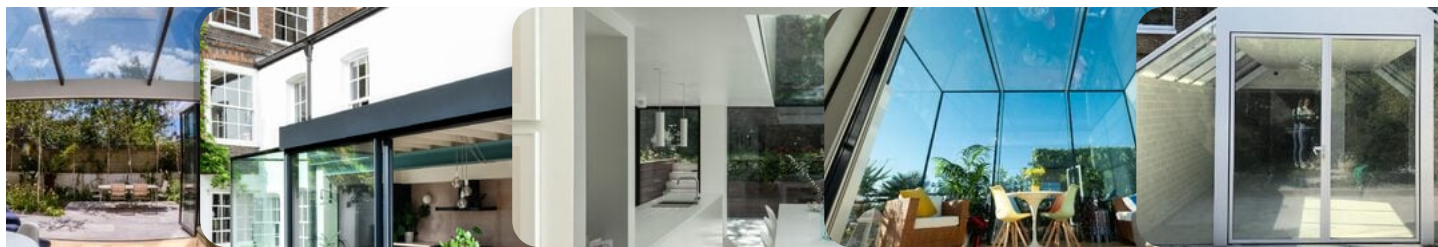
Extend Using Frameless Glass

**Our Glass Box
Extensions**

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Residential Projects



**Mill Park**

Rear Extension

White House

Contemporary Extension

Belgravia House | Glass Box West London

Rear Extension

Roof Extension

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Contemporary Extension

Commercial Projects

**The Gem**

Commercial

Eden Hall Spa**Hotel lugano belgium**

Commercial

Indigo House

Commercial

Further Reading

Beginners Guide to Glass Box Extensions

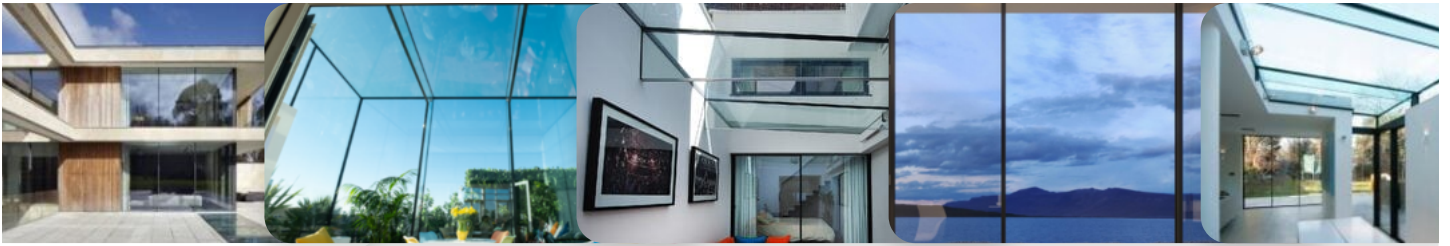
Side Return Extensions

Small Glass Extensions

What is Structural Glass?

Associated Products





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Structural glass beams to support large glass, also known as extruded slim Bifold Doors are ideal for integrating structural glass to

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