

Who are we?

The **Standard Patent Glazing Company**, founded in 1902, is the largest and longest established Patent Glazing Company in the UK. We remain specialists in the design, manufacture and installation of Patent Glazing systems for contracts anywhere in the United Kingdom.

Our highly experienced directly employed fixing staff has installed millions of square metres of Patent Glazing throughout the decades.

With more than a century of experience behind us, we have the expertise to handle any type of patent glazing project.

All the company's glazing systems are developed in-house ensuring that design changes and improvements can occur without delay in response to current market needs or new regulations.

The company was a founder member of the Patent Glazing Contractors Association, which now has its own technical committee within CAB (Council for Aluminium in Building)

What is Patent Glazing?

Patent Glazing is the term applied to a self-draining system of dry glazing that does not rely necessarily for its watertightness upon external glazing seals. It consists essentially of a series of longitudinal supporting members (glazing bars), and an infilling of glass or other suitable materials. Patent glazing bars are attached to and supported upon suitable structural members provided by other trades.

Patent Glazing is a generic term derived from early patents taken out to protect concepts of glazing bars having a drainage facility with dry glazing techniques. These early methods advanced the former putty glazed wood or iron bar methods, which required frequent maintenance.

Patent Glazing is still the most widely used product in overhead glazing and applications of this popular glazing system are found extensively in shopping malls, railway stations, all types of atria, schools, retail outlets and feature canopies, conservatory roofs and industrial units.

Why choose Patent Glazing?

Designed and installed in accordance with BS5516, patent glazing offers a unique combination of benefits, such as:

- **Elegance**
With slender sight lines.
- **Flexibility**
In complex roofs with hips and valleys or vertical glazing.
- **Economy**
Value for money in first build or refurbishment applications with minimal maintenance requirements.
- **Safety**
Conforming to BS5516, patent glazing achieves high standards for public safety.
- **Durability**
Patent glazing has a heritage, which demonstrates a proven good service life.

Specifying Patent Glazing

Information on patent glazing, to assist specification writing can be found in the National Building Specification, NBS section H10. We are happy to help with completing job specific specifications for inclusion in your project documentation and can also offer our exclusive and free NBS:H10 creator software. This file may be viewed and downloaded from our web site at www.patent-glazing.com/h10.htm

It is advisable to contact our technical department at the early design stages of a project in order to discuss your specific requirements for the patent glazing and to agree suitable interface details with the surrounding structure.

Services

In addition to our five different patent glazing systems, we offer a wide range of bespoke self-supporting skylights and lanterns, with hipped, gable or polygonal ends.

We have the resources to achieve a fast turnaround for providing fully itemised quotations and AutoCAD design drawings. All supply and fix contracts that we carry out include for the preparation of detailed AutoCAD drawings for the Architect's approval. A job specific method statement, risk analysis, and COSHH data sheets, along with our health and safety policy, environmental policy and cleaning and maintenance manual accompany all order confirmations. As-Built information packs are supplied at the completion of the project to comply with the Construction (Design and Management) regulations.

Quality

We hold ISO 9001:2000 accreditation as well as the Environmental Management System BS 8555:2003. We are also certified by the nationally recognised bodies ConstructionLine and CHAS (Contractors Health and Safety Assessment Scheme) and all of our site personnel and key office staff hold a current CSCS card (Construction Skills Certification Scheme). We are also committed to all of our operations complying with the relevant British Standards.

Guarantee

A five year guarantee is offered for all of our supply and fix projects.

