



THE 
GLAZING 
DIVISION

GLASS & GLAZING SPECIALISTS



A complete installation service - The Oyster Shed, West Mersea. Installation of: tri-folding aluminium doors with shaped curtain walling above, a 10m long lantern light and a glass balustrade fixed into an aluminium base channel.

The Glazing Division can bring your vision to life.

Whatever your glass or glazing requirement we have the know how, ability, experience and attitude to ensure your project will be carried out to the highest of standards.

Every member of our team you deal with are trained to ensure your satisfaction is guaranteed, our surveying and fitting teams are highly skilled with years of experience in high end bespoke installations.

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Entranceways

Entrance solutions for both internal and external applications. Choices include aluminium shop fronts or all glass frameless entrances which really add a design statement to any building.

The Glazing Division offer a range of options to create a stunning entranceway

- Aluminium shopfronts, entranceways and windows available or choose a frameless screen to make a bold design statement
- Aluminium systems available in a range of RAL colours, with various door options
- Glazing can be sandblasted to give an opaque finish all over or manifestation lines can be added to your design
- Full installation service

Frameless Shop Front

(right) Working with Toni & Guy's contractors we installed an external frameless glass screen incorporating a pivot door with self closing floor spring.





A fabulous frameless door and glass entrance - We installed 12mm toughened glass, polished all round with sandblasted design and manifestation lines. Set into a stainless steel track top and bottom, includes frameless door with locks.

Ground Floor Treatments and Curtain Walling

Powder coated aluminium systems provide a striking solution for stylish and functional wall treatments.



Modern windows for a refurbished building

Full length, powder coated windows glazed with tinted solar control glass. Provides a contemporary solution for this refurbished building.



Incorporating modern technology

The Oyster Shed, West Mersea. Large set of tri-folding aluminium doors with shaped curtain walling above.

A lantern light over ten metres long was designed and installed.

This incorporated four automatic opening vents controlled by heat and rain sensors.



To create a modern appearance we installed powder coated curtain walling incorporating grey solar control glass into this refurbished building.

Roof Glazing

There are a range of roof glazing systems suitable for domestic and commercial applications. An ideal roofing solution for maximising natural light.

A choice of roof glazing systems are available

- Lonsdale Glazing Bars - single or double glazed, provide a glazing system for use on top of rafters or can be self supporting between wall-plate and ring beam.
- Lonsdale Spangard - a self supporting roof/lantern light which can be manufactured in a variety of shapes and finishes. Installed onto timber or metal kerb.
- Exitex Glazing Bars - a patent glazing system for use on rafters only, single or double glazed. Suits a different variety of conservatories ie Victorian or gable ended.
- There is a choice of colours to help comply with planning regulations
- Full installation service - including measuring and templating
- Installations with double glazing will comply with the current building regulations including Doc L.
- Clearshield Coating available



Letting the light in!

(top) An Ecogard flat rooflight allows the natural light to flood the room.

Roofing projects large and small

(bottom) We supplied and installed Lonsdale Patent Glazing Bars onto a timber structure with Low E Double Glazed Units to suit both window and roof application.



 Cycle park
 **Taxis**
Queue here

Entrance 

Station canopy refurbishment - Colchester Train Station, old glazing and bars were replaced with new patent glazing bars. The laminated glass with white interlayer incorporated Pilkington Activ Self Clean glass on the exterior.

Roof Glazing and Roof Lights

Designed to provide an attractive, practical and viable source of natural light for both domestic and commercial installations. An essential part of modern architecture.



Whether it be self supporting hipped roof lights or capping bars onto existing timber we can offer a solution to your roof-light requirements.

Let valuable natural light into your property with our range of bespoke options.

From flat roof lights to barrel vaults; solutions are available to let the light flood in.

(top left) Lonsdale Spangard double glazed - with 4 opening roof lights for ventilation.

(top right) Lonsdale - ALMI00/WF single glazed, 6mm toughened external canopy.

(bottom) Exitex glazing Capex - 40 bars affixed to customers own timber rafters with ridge detail.





The Complete Package - Thermally broken aluminium double glazed roof, gable end and upstand with matching multi-fold doors. The combination of all these glazing elements gives this room a feeling of light and space.

PVCu Windows, Doors and Conservatories

We offer supply only and our comprehensive installation service.

Key product features for our PVCu windows and doors include:

- 70mm profile, concealed drainage, internally beaded
- Standard white finish or a choice of colours. Dual colouring is an option. E.g. White on the inside of the frame with an oak finish on the exterior
- All our windows meet the requirements for window energy ratings with levels A+ - C available
- Competitive pricing
- Commercial and domestic
- Secure by Design windows and doors also available
- Registered, the industry golds standard for replacement windows and doors



PVCu for new build

(top left) White PVCu casement style windows used on new build nursing home project.

Replacement door

(top right) A modern composite door and frame installed in an older building.

Heritage style available

(bottom) Heritage vertical sliding style windows used in a new build project.





Stunning example of the design options available - Dual colour PVCu french door and window set keeps the inside white whilst externally the traditional Chartwell Green adds interest to the building.

Premium PVCu Window System

Period design, modern technology.



Residence 9 Premium PVCu Window Systems

Designed to replicate the 19th Century Flush Sash Timber Window. It can be considered for use in Conservation Areas due to its authentic appearance.

- It can accommodate 28mm double or 44mm triple glazing with market leading thermal and acoustic performance and achieve one of the highest classifications on weather test due to its robust design.
- Manufactured from modern composite materials. The product is extruded into strong, thermally efficient shapes and finished in a choice of authentic woodgrain textures and colours.
- Timber windows are joined in a certain way. R9 windows authentically replicates these joints. Modern aluminium and PVC windows are almost always joined diagonally. This diagonal joint isn't traditional.

- What really sets R9 apart is frame design. At 100mm and 9 chambers it is superior to the mass market 70mm, 5 or 6 chamber designs.

Not only is it very strong and thermally efficient, it will neatly fit into the gap left when taking out 19th Century timber windows which were 3 $\frac{3}{4}$ " (95mm). At 100mm the unique R9 design covers the old paint lines on the brickwork. If choosing a frame smaller than 100mm, please consider that there will be unsightly details to trim when you remove your old window.





Retain the period look of the property - R9 Windows have been used to replicate Edwardian style windows. All the benefits of PVCu windows but with period looks and modern use of technology.

Secondary Double Glazing

The ideal solution for period and listed properties where you wish to retain the original period features. Secondary double glazing is also ideal for offices and public buildings where you need to reduce noise pollution.

Secondary glazing has stood the test of time and remains one of the best forms of insulation for homes, offices, public and private sector buildings against heat loss, draughts and noise intrusion.

- Up to 45dB reduction in sound through your windows depending on glass choice
- Draught free
- Low E glass available to help reduce heat loss
- Reduced energy consumption in winter and summer
- Keeps cool air in when using air conditioning
- Fly screens to keep insects out
- Easy installation with no mess. Fixes to interior of existing windows.
- Designed to match existing window layout
- Horizontal, vertical sliding, fixed, hinged or lift out panels
- Manufactured from extruded aluminium and powder coated in Silver, White or Brown finish
- Can be glazed with 4 or 6mm float, 6.4mm laminated or toughened glass
- Fitting and surveying service available using our trained craftsmen

Matches the existing window layout

Horizontal sliding units designed to match the existing window layout to make the units as unobtrusive as possible.





Retain the period look of the property - The Edwardian sash windows above have vertical sliding secondary units fitted to the inside of the windows. You can see how discreet the units are in the sitting room shown left/top.

Traditional and Specialist Glazing

With an experienced team of glaziers we are able to tackle large and small jobs using a mix of traditional glazing skills and the latest glazing systems.

The Glazing Division offer a full glazing service, commercial or domestic

All works are carried out by highly trained and extremely experienced glaziers. The services we offer include:

- Double Glazed Units
- Mirrors
- Splashbacks
- Roof Lights & Lanterns
- Shower Screens
- Balustrading
- Glazing of Doors & Screens, Cat Flaps & Vents
- Supply & Fit PVCu Windows & Doors
- Specialist fire glass installed

Our customers can be secure in the knowledge that the The Glazing Division glazing team can undertake any project large or small, domestic or commercial, professionally and above all, safely.

Our operatives are highly trained, NVQ qualified and hold CSCS cards.

In addition we undertake extensive training programs which include PASMA, working at height, power tool, scissor lift and cherry picker courses.



Barn conversion

Bespoke oak joinery windows and doors glazed with extra large double glazed units incorporating Softcoat Low E neutral looking coating to retain the heat within the building.

Glazed with perspex

At Philip Morant School we re-glazed an existing bike shelter with over 20 panels of 5mm perspex.





Traditional & modern glazing skills - Devon House (Listed Grade 2) - The North Lights are glazed using the Lonsdale Patent Glazing system and installed with double glazed units incorporating low E glass. The original arched Crittall windows were re-glazed with a combination of toughened float and back painted glass. The shapes were hand cut on site by our experienced glaziers.

Traditional Glazing Skills Are Still Needed

Our trained glaziers are capable of installing a wide range of products including sealed units, mirrors and hand cut glass.



Heritage projects

(left) The refurbished Ickworth House Rotunda (Listed Grade 2) at the top of the domed roof. Approximately 560 panes of Victorian sheet glass were individually hand cut to size on-site.



Restoration of Laylights

(bottom left) At Orwell Park School we carried out restoration work on the laylights. The original glass was painted over and we re-glazed with specialist laminated glass (incorporating coloured interlayers).

Skilled glaziers using traditional glass cutting skills

(bottom right) This metal framed lantern light was refurbished with hand cut glass. Over 150 individual size/shaped pieces of glass were cut to suit the frame.





Specialist curved double glazed units - This project in Westminster, London used curved double glazed units to glaze purpose made joinery. The units incorporated Low E glass with dummy glazing bars within the sealed unit.

A Contemporary Use of Glass

The creative application of glazing systems can achieve stunning results.



Innovative use of glass as privacy screens

(top left) 10mm Toughened Grey Antisun glass that is shaped and polished and fixed in place using stainless steel clamps.

Internal frameless glass door

(top right) A modern solution to office space, the large frameless door allows the light to flood in.



Internal frameless door and partition screens

A modern office space designed to maximise the amount of natural light available whilst giving that degree of separation from the rest of the office space. 12mm toughened safety glass was installed into stainless steel channels with a spring operated door.



**All types of bespoke glazing, any size,
any locations, large or small.**

Glass Floors

Walk on glass is an excellent way of introducing natural light into dark or subterranean rooms. Our walk on glass floors can be designed and installed to sit flush with the surrounding floor finishes, providing a seamless transition, internally or externally.

- A visually exciting technical product backed by the expertise of The Glazing Division and Pilkington Glass
- The glass can be sandblasted to give an opaque finish
- Available with antislip tread
- Full installation service - including measuring and templating



Bespoke projects and features

A steel frame with 39.5mm annealed laminated glass at Warners Textile Museum allows visitor to see the original mill wheel which was buried beneath the floor.



Unusual projects including exhibits in a visitors centre



Glass Treads - The beauty of glass stair treads allow light to flood through to the space beneath. We work with you and Pilkingtons to specify the right product and finish.

Glass Splashbacks

A practical, stylish alternative to tiles. Glass Splashbacks can be used in a wide range of applications using the colour of your choice.

A contemporary alternative to tiles

Back painted glass panels offer a stylish, contemporary and practical alternative to tiles with many different applications.

- A hygienic solution for kitchens and bathrooms as it requires no grout and is easy to clean.
- Glass splashbacks have the advantage of being made to measure and cut to any shape. Manufactured on-site to the highest standards.
- Quick and easy to install by customers or our installation team.
- Anti microbial coating available
- Bespoke sizes, shapes and apertures
- 1000s of colours to choose from including RAL, BS or NSC ranges



Use glass splashbacks to add flair to a design

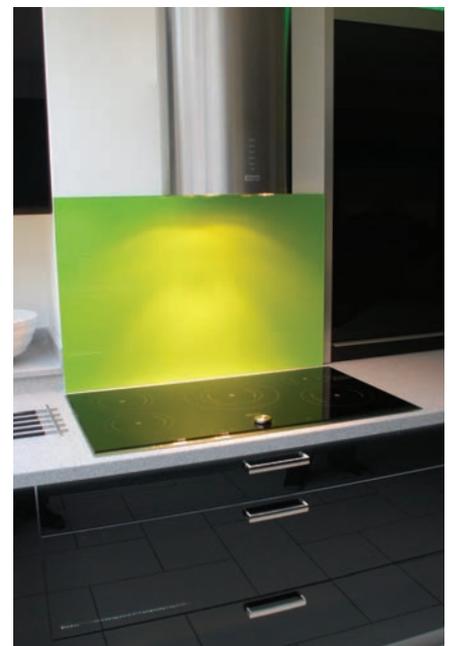
(top) The bar in Restaurant 43 has been faced with glass splashback panels to add style and practicality.

Concealed Cistern Panel

(bottom left) The glass panel has been drilled for fixing and for the toilet lever handle. A clean and simple solution.

Kitchen Splashback

(bottom right) A single piece splashback adds to this clean modern design.





Shaped glass splashback - The panels have been shaped to match the curve of the extractor and we also have apertures cut out for electrical sockets. Our installers will measure and cut templates to ensure accuracy of the installation.

Mirrors

Mirrors are an easy way to reflect light, make a space look bigger and open up a room.

Space and light are two essential ingredients for the modern home and office space. Mirrors help achieve both.

Silvered float can be processed to suit your requirements: It can be cut to shape and size, drilled, foil backed, countersunk with finger grips, bevelled or sandblasted with a unique design.

Our installation service can use a variety of fixing methods to install internally or externally.

Other types of mirror are available.

- Tinted mirrors
- Antique mirrors
- Low iron mirror for exceptional clarity
- Spy mirrors
- Security/Traffic mirrors
- Venetian stripe one way mirrors
- Polycarbonate, acrylic and stainless steel mirrors for vulnerable situations



Mirrors for hotel bathrooms

(top) A Grade 2 Listed Hotel in Colchester was refurbished and mirrors were installed in the bathrooms.

Clarice House Dance Studio

(bottom) We installed silvered float with a safety backing applied into a satin chrome mirror trim top and bottom so there are no visible fixings.





Grade 2 Listed Hotel Bar/Dining Area - Installing antiqued mirrors on all four walls gives the illusion of space.

Shower Enclosures and Screens

When an off the shelf product doesn't meet your requirements we can manufacture a shower enclosure to your specification.

Bespoke shower screens, wet room screens and solutions for unusually shaped showers

- All glass supplied will be toughened to meet British Standards
- Selection of glass thickness available
- Available as standard with polished edges all round
- Tinted glass available - Grey, Bronze, Blue or Green
- The glass can be sandblasted to give an opaque finish - all over or in a privacy band
- Glass can be Clearshield Coated - an easy clean coating; soap and water stain resistant, anti-microbial
- Installation methods can vary depending on fittings used - there are a huge range of fittings available (hinges, clamps, corner clamps, reinforcement bars, handles, knobs)
- U Channels come in a variety of finishes, see the brochure in-store
- Full installation service - including measuring and templating by specialist teams



Wet Room Screen

(top left) Shaped 10mm toughened glass, polished all round and set into stainless steel channel.

Two Sided Frameless Enclosure

(top right) Set into a groove in a marble back panel using 12mm toughened glass with hinges and knob, fixed into U channel and waterproof seals. Two reinforcing bars have been used to hold the glass panels steady.

Three Sided Shower Enclosure

(right) Set into a U channel in the floor using 12mm toughened glass. A reinforcing bar has been used to hold the glass panels steady.





A modern bathroom with a frameless shower screen and door -
The clean lines of the frameless glass system and minimal fittings stay in tune with the design theme.

Glass Balustrades

For new or refurbishment projects glass balustrades add a contemporary feel, allow light into a room and provide the essential safety required on stairs.

For a more contemporary look you can install glass balustrades in commercial and domestic situations. We can install glass to the customers own posts or we can supply a complete system, including stainless steel posts, handrails, clamps and the glass balustrading panels.

- A technical product backed by the expertise of The Glazing Division and Pilkington Glass
- Glass can be sandblasted to give an opaque finish or to a design - company logos or design feature
- Polished edges as standard
- You can choose a frameless system or the more traditional posts
- Full installation service - including measuring and templating



Glass balustrades in commercial premises

(top) Polished stainless steel base shoe and hand rail incorporating 15mm toughened glass, forms a modern balustrade with no uprights to give an uninterrupted view.

(bottom) 17.5mm toughened laminated glass secured using point fixings and a through the glass handrail brings a certain industrial beauty to this staircase.

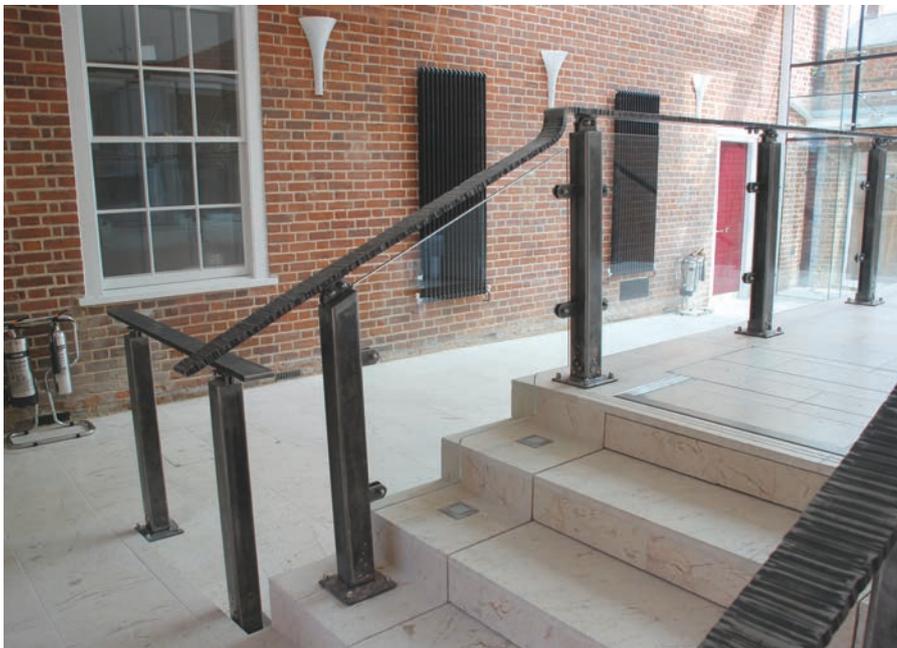




Refurbished domestic timber stairwell - 10mm toughened bronze tinted glass installed into existing wooden newel posts using stainless steel glass clamps.

Glass Balustrades

Glass balustrades can be used externally and in commercial applications. Plain float glass or sandblasted with a design of your choice.



Atrium Balustrade in a Grade 2 Listed Hotel

Bespoke engineered metal posts and rails fitted with 15mm toughened glass including parallelogram shaped panels, notched to suit the stair treads.



5* Restaurant & Hotel

Glass privacy screens were installed in the patio restaurant area.

The Glazing Division installed 10mm toughened glass screens with a sandblasted design to the customers own design including stainless steel spider fixings.



Glass balustrading in a commercial premises - 10mm toughened glass panels were installed using the customers stainless steel rails and clamps. Each parallelogram was templated to ensure panels fitted correctly.



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