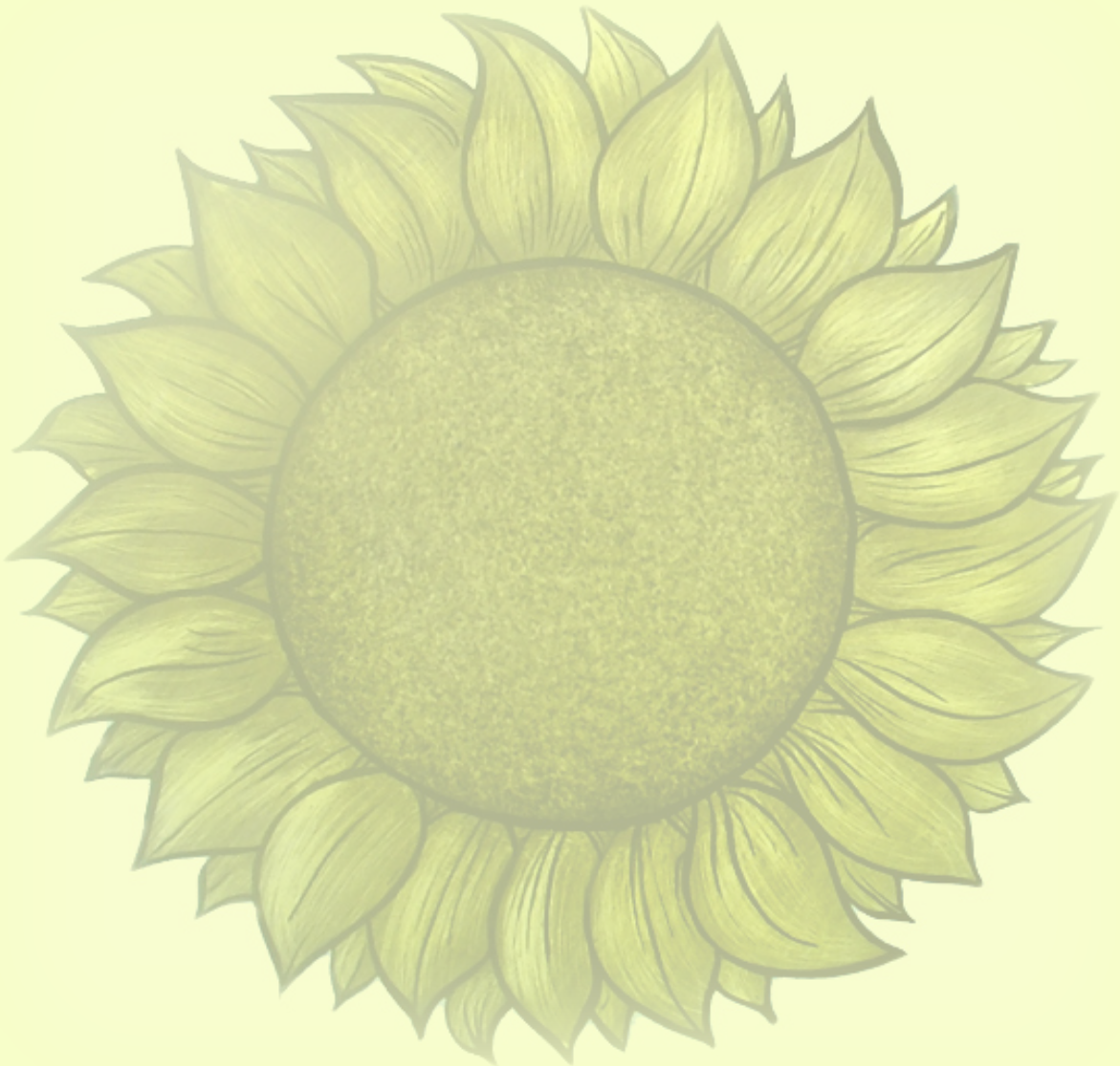


# **Traditional Glass**



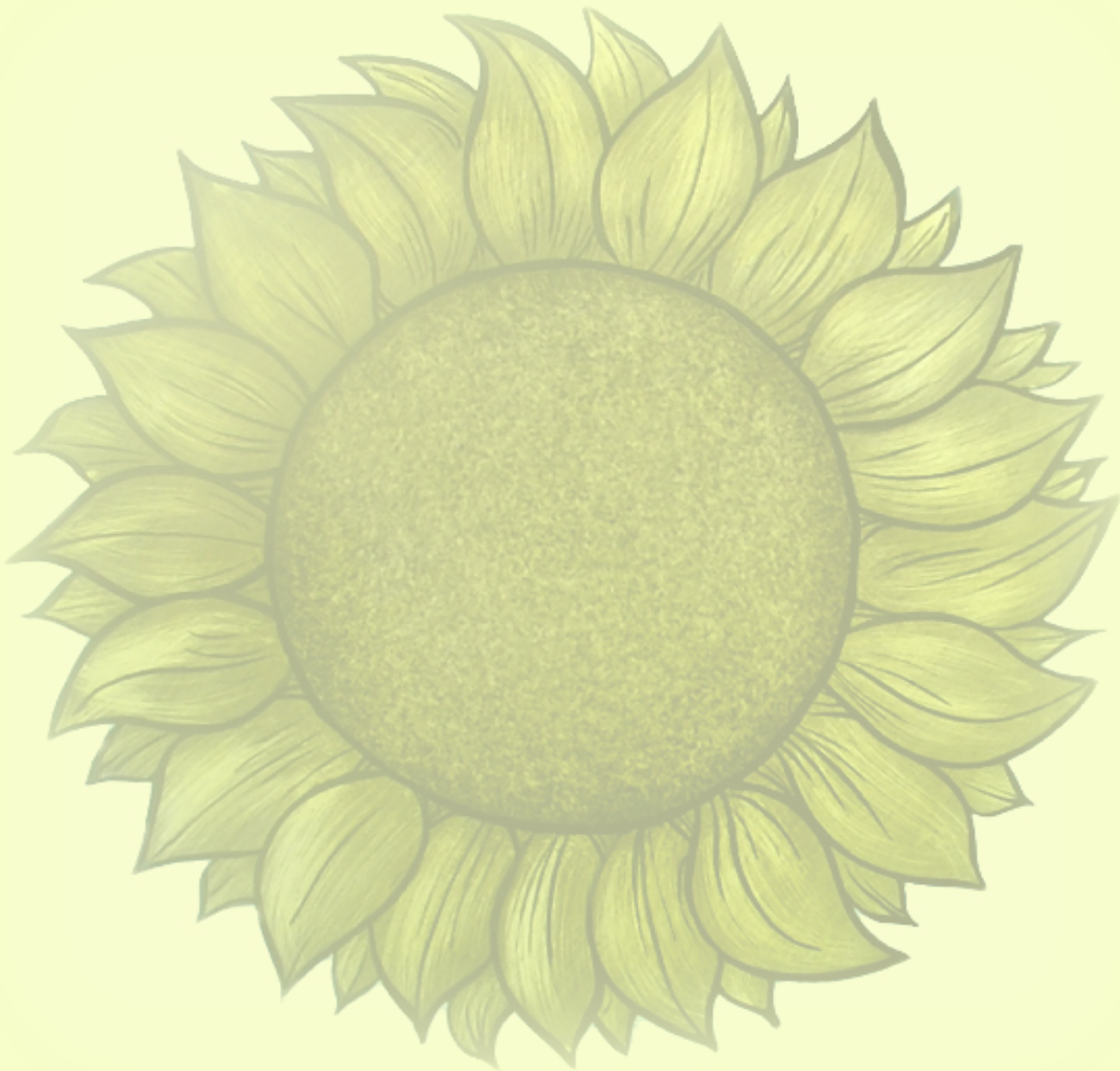
Handcrafted Stained Glass  
& Lead Lights.

# Handcrafted Stained Glass.

Tradition Glass are a Stained glass / Art glass company that designs and manufacture's high quality glass products.

Our stained glass incorporates all the traditional techniques that have been used for many centuries.

Tradition Glass offer all the traditional design, glass painting and manufacturing skills for your new or restoration needs.





# Whats Possible



We make traditional stained glass & lead lights windows using lead and individual pieces of glass.

From a small front door window to a complete house, we will add a look that will transform your property.

The advantage of having traditionally made windows is the colour and look of quality is unsurpassable to modern alternatives, guaranteeing over time our windows do not fade or peel away.

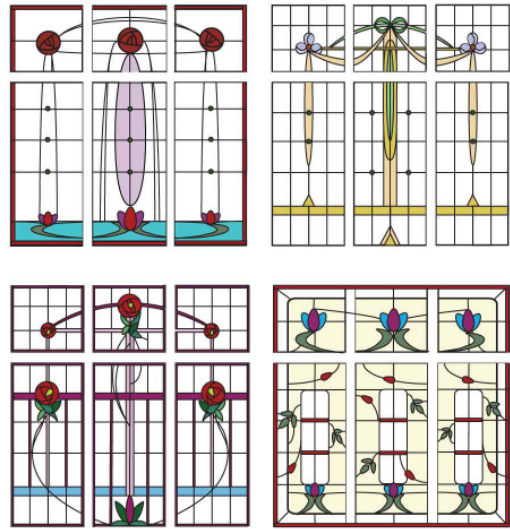
All windows are custom made, if you require an existing portfolio design or a new design we are able to offer assistance and advise you to get the best window that suits your requirements.



The stained glass above was based on a floral theme with an element of floral to have modern overtones, but still fit into a 1930s setting.

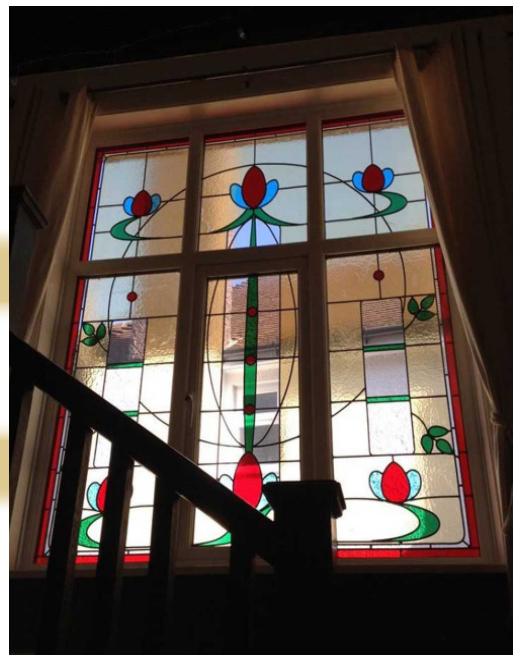
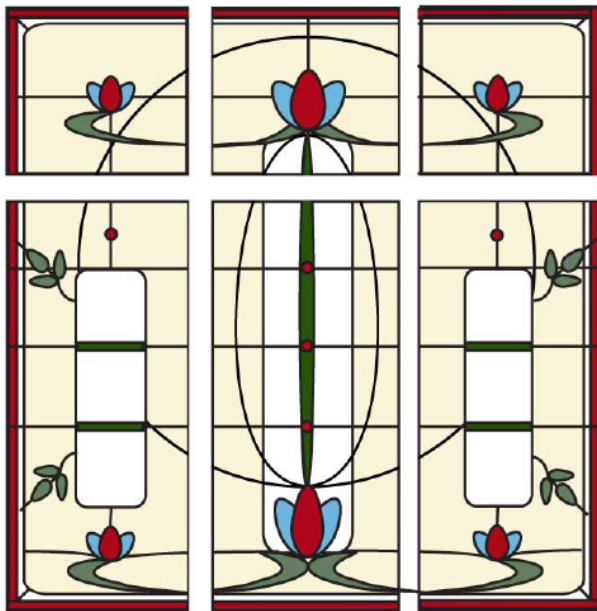
## Traditional Glass

# Case Study



Once a chosen design has been altered / modified to meet the clients requirements (see below), we then have an additional meeting with the completed design to chose colours, while this process is being completed a double glazing company surveys and supplies us with the final glass dimensions so work can commence.

Traditional lead light landing window, needed to be replaced from the complete frame and art glass, We initially went about working on design solutions for the replacement decorative lead lights.



Once manufacturing of the frames and glass units have been made to include our decorative lead lights fitting and completion begins.

## Traditional Glass

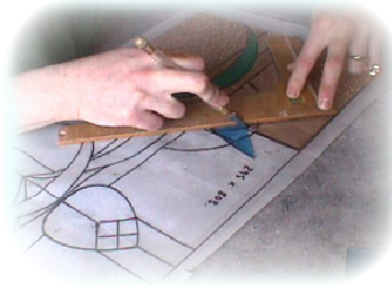
# How we make a stained glass window

Once the location has been established the next step will be to take accurate measurements. If however you wish to fit the panel yourself we will need you to supply the accurate measurements to us.

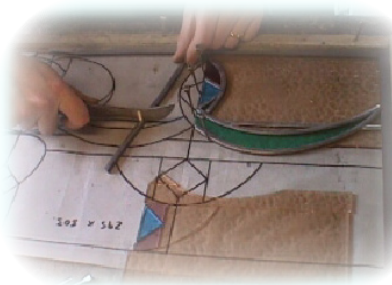
We will then talk in depth about the subject / content of the window/s either from our existing portfolio or a new design idea.

When all ideas are gathered and agreed we go back to the workshop and produce a hand drawn design full size, so you can visualise your design as it will be when completed.

The next stage is to choose the glass textures and colours, this can be a time consuming exercise, however one of the most important because once chosen the next stage is to cut the glass.



The construction of the panel now begins, by this stage the client must be sure that they are happy with the chosen design and glass choice.



Firstly we black in the cut line that is required to act as the heart of a piece of lead. We then cut the glass out by hand according to the chosen design.

When all the glass has been cut to millimetre accuracy we then progress with the leading up of the panel.

## Traditional Glass

# How we make a stained glass window

We then solder each individual connecting lead with a propane gas soldering iron, this creates a solid frame to support the individual glass segments.



Our next job is to waterproof the panel by applying stained glass cement into every gap in the panel, for example all the gaps between the glass and the lead. This is a time consuming job, however a very important one.

The cement is allowed to dry, then the cleaning up process begins, this requires us to pick every part of the panel with a pick stick getting all the dry cement off all the glass and lead leaving just the cement between the glass and the lead.



The panel is left to dry a little longer, and then polished with a darkener giving the lead a blackened look and this in turn polishes the glass, the panel is now ready for installation.



This is a typical example  
left: before  
Right: after

The brief for this window was to transform a traditional sea scape into a stylised floral stained glass window.



## Traditional Glass

# Drawing Design & Glass Painting

We are able to design, from as little as an idea of the art glass final location, to a very tight brief such as heraldic shields or panels to match existing windows fixtures and fittings.



We specialize in drawing design and painting skills, we have been for many years developing a style and approach that has been commissioned for its detail and appreciation of the subject being undertaken.



Magnolia tree coming into bloom a memorial window.



A scenic view of a small village green duck pond.

## Traditional Glass



# Drawing and design

Glass painting is a process that takes time but the results are dramatic and breath taking, the ability to glass paint is becoming a dying skill.

There are various stages to produce a painted piece of glass, each stage needs separate firings in the kilns.



Traditional Glass

# The Garden of Eden.

The Garden of Eden.

24 Panel commission, for a church conversion in Nottinghamshire.



The front of the church has five picture windows with Adam and Eve as the theme running throughout. the windows below are what we produced using a large amount of emphasis on nature.



A church development that required a completely new design, The exterior had to be in keeping with the look as it would have had 100 years ago.

## Traditional Glass

# The Garden of Eden.

We intend that the designs are not only beautiful and stimulating, but also contain a depth of meaning. Our design are developed on paper at one tenth scale or smaller, depending on the size of the commission.



The design will then be presented to the client for discussion. We explain meaning of the work, and listen to any feedback. If the client wants to make additional changes, we make any required alterations.



Once the final design has been confirmed, we then draw the design to full size and choose the appropriate colours and types of glass, once all has been chosen the process of making the window begins.



## Traditional Glass

# Stained Glass Restoration.

Once we have taken the panel out of its existing location we then measure the size of the opening and the size of the panel that will be restored, We also take a rubbing of the panel much like a brass rubbing and as much detail of the panel as possible before the main work begins.

With the panel on the bench we begin taking the panel apart with the greatest care possible so not to break any pieces of glass, we do this by cutting the old lead away from the glass and placing the pieces on the bench on top of the rubbing. Once the panel has been stripped we then clean each individual piece of glass using wire wool and a liquid glass cleaner. Sometimes the glass will have to be soaked for a day in white spirit to remove paint or other dirt.

All the pieces of glass that need replacing are cut either using the rubbing or if possible from the existing broken glass segment, with the closest match possible to the glass available to us. In recent years there has been a greater increase in the amount of restoration glass available. Leading the panel up is the next step. We can tell from the accurate rubbing made previously and from examination which sizes of lead were originally used. All leading for restoration has to be done exactly the way it was originally cut and placed, so not to affect the original look.

Once all leading has been achieved we will then make sure that the panel has come up to size which we always make 2mm under the frames opening size. We then solder each individual connecting lead with a propane gas soldering iron, this creates a solid frame to support the individual glass segments.

Our next job is to waterproof the panel by applying stained glass cement into every gap in the panel for example all the gaps between the glass and the lead, this is a time consuming job however a very important one. The cement is then allowed to dry for a day and the cleaning up process begins, this requires us to pick every part of the panel with a pick stick getting all the dry cement off all the glass and lead leaving just the cement between the glass and the lead.

We then leave the panel to dry a little while longer, and then polish the panel with a darkener giving the lead a blackened look and this in turn polishes the glass, the panel is now ready for installation.

## Traditional Glass

# Stained Glass Restoration.

## Christ Hospital public school



The dining hall windows were in need of complete remaking and conservation. These windows are originally from the Great hall of London and rehoused 100 years ago at the school, the panels needed to be completely restored.



left : before



Right : after

This is a typical example of the work involved.

## Traditional Glass

## Public buildings.

### RSPCA main headquarters.

The brief for this design was to be a modern stained glass design to suit new energy efficient headquarters that had been recently built.

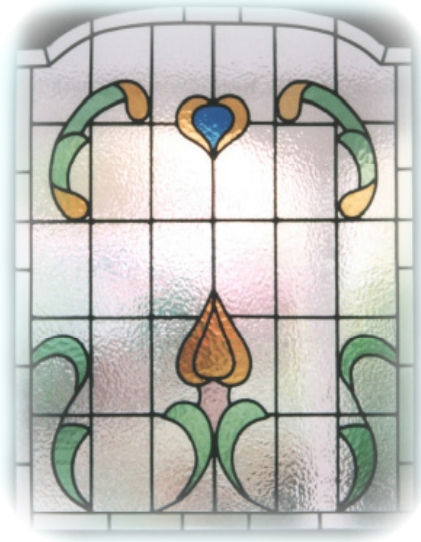


As the RSPCA work with all types of animals they wanted a diverse range of animals to be featured in a low voltage display cabinet.

## Traditional Glass

# Traditional Designs.

There are many traditional victorian and edwardian stained glass styles, we have produced over the years, all of the pictures included over the next few pages are a cross section of designs to date.



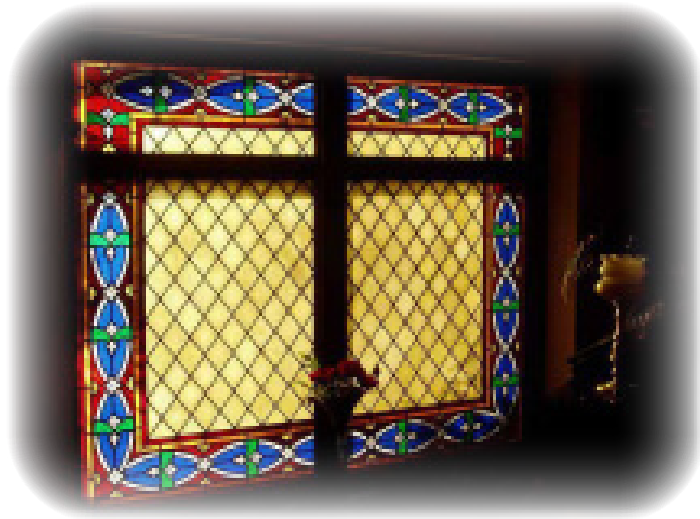
If a house in your street has original panels we are able to reproduce designs either from photos or a rubbing from the original panels. We will match the traditional colours and patterns as close as possible.



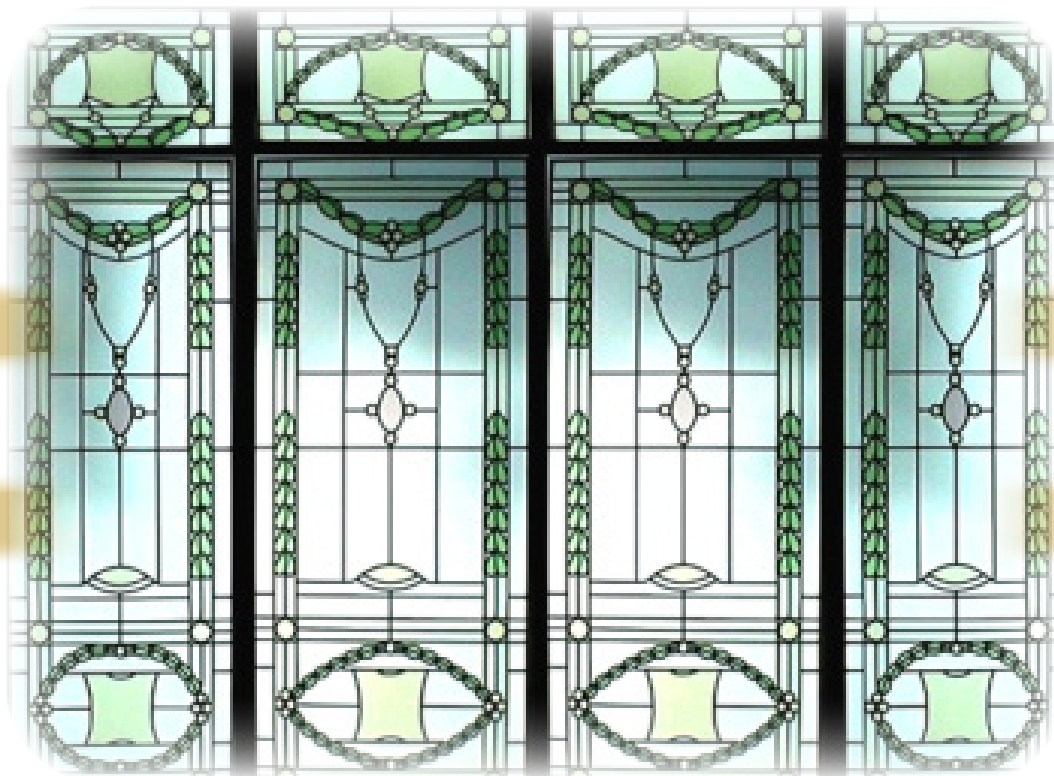
## Traditional Glass

# Traditional Designs.

A well made panel should last from 60 to 80 years, this will be dependant on location, and weather conditions, there are windows that have lasted for 200 years and beyond.



From a medieval window to a classic 1900 leaf designs we will design and manufacture a window that will last for many years to come.



The brief for this design was to capture the richness of the swinging 1920's

## Traditional Glass



## Traditional / Modern.



We can design and make stained glass that has a traditional design with a cross over into the modern design, these can prove to be very effective for both new and old properties.



## Traditional Glass

## Traditional / Modern.



The stained glass windows below are a good example where designing from a combination of modern and traditional of previous portfolio work we have undertaken.



We can use a variety of glass patterns and textures, however we advise a maximum of three variations, as illustrated above.

## Traditional Glass

## Modern.

A number of examples of modern windows we have produced.



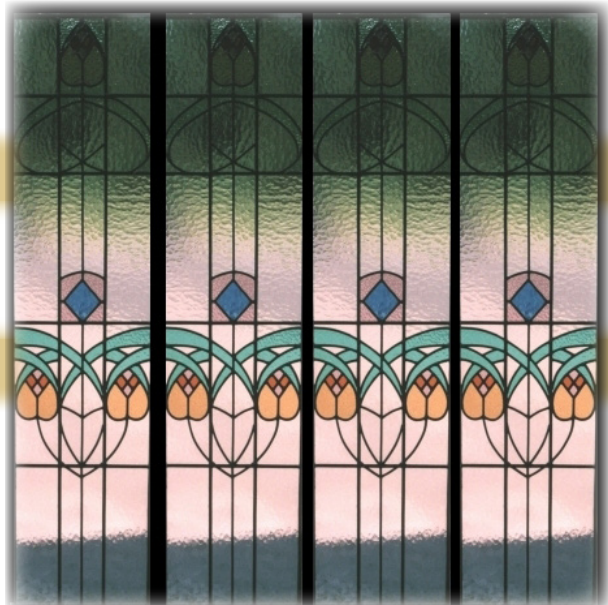
Ultra modern to post modern stained glass, we can create many different styles. We are able to Incorporate different techniques such as cast glass and stained glass.



Celtic sea scape, using a hand made glass for the sea produced by a local glass producer in wales.

## Traditional Glass

# Stained Glass Gallery.



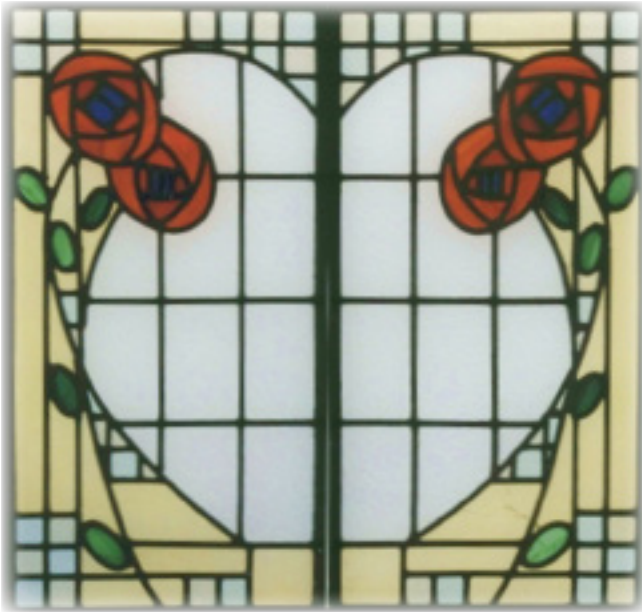
# Traditional Glass

## Stained Glass Gallery.



Traditional Glass

## Stained Glass Gallery.



## Traditional Glass

# Commissioning.

We will arrange an appointment to discuss the technical details of the commission, possible techniques, If the building already exists, take accurate measurements of the apertures, take some photographs and generally get a feel for the stained glass window's location.

We then meet and discuss the ideas for the design with you, it is generally beneficial if the client has had some input into the work.

## Design Stage

Once adequate information is collected, we'll return to the studio and develop initial designs. We intend that the designs are not only beautiful and stimulating, but also contain a depth of meaning. The design will be developed on paper at one-tenth scale or smaller, depending on the size of the commission. Occasionally, when appropriate, We will draw designs full size.

## Presentation

The design will then be presented to the client for discussion. We explain the methodology and meaning of the work, and listen to any feedback. If the client wants to make additional changes, we make any alterations until the design is agreed.

## Manufacture

After a final meeting to confirm exact glass sizes and approved design we then go back to the studio and begin the process of making the stained glass window.

# Traditional Glass

Decorative Leadlight Gallery.



Traditional Glass



## Decorative Leadlight Gallery.



## Traditional Glass

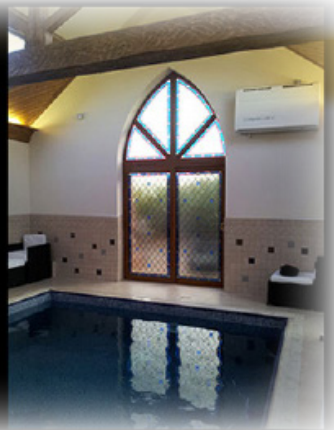
## Triple Glazing Gallery.



A stained glass panel is encapsulated inside a double glazed unit.  
Either an existing stained and leaded glass is removed from the window frame of your house, the old edge lead of the panel is removed and the panel is then re-sized.  
At the same time we will undertake complete restoration.

## Traditional Glass

# Triple Glazing Gallery.



# Traditional Glass

## Triple Glazing Gallery.



Combine both traditional and modern elements to create a window that is a strong focal point of the home.

## Traditional Glass

## Stained Glass Gallery.



Complete restoration of a stained glass window situated in Arundel Cathedral, replacement / conservation of the main elements of the window whilst maintaining the original appearance.

## Traditional Glass

## Stained Glass Gallery.



Complete window renovation and restoration of a West Sussex farm house, with metal casements restored and treated with all windows being remade with handblown glass.



## Traditional Glass

## Stained Glass Gallery.



## Traditional Glass

## Traditional Lead lights.



Tudor lead lights originally made with hand rolled glass, when restoring we take great care of maintaining the windows original appearance.

## Traditional Glass



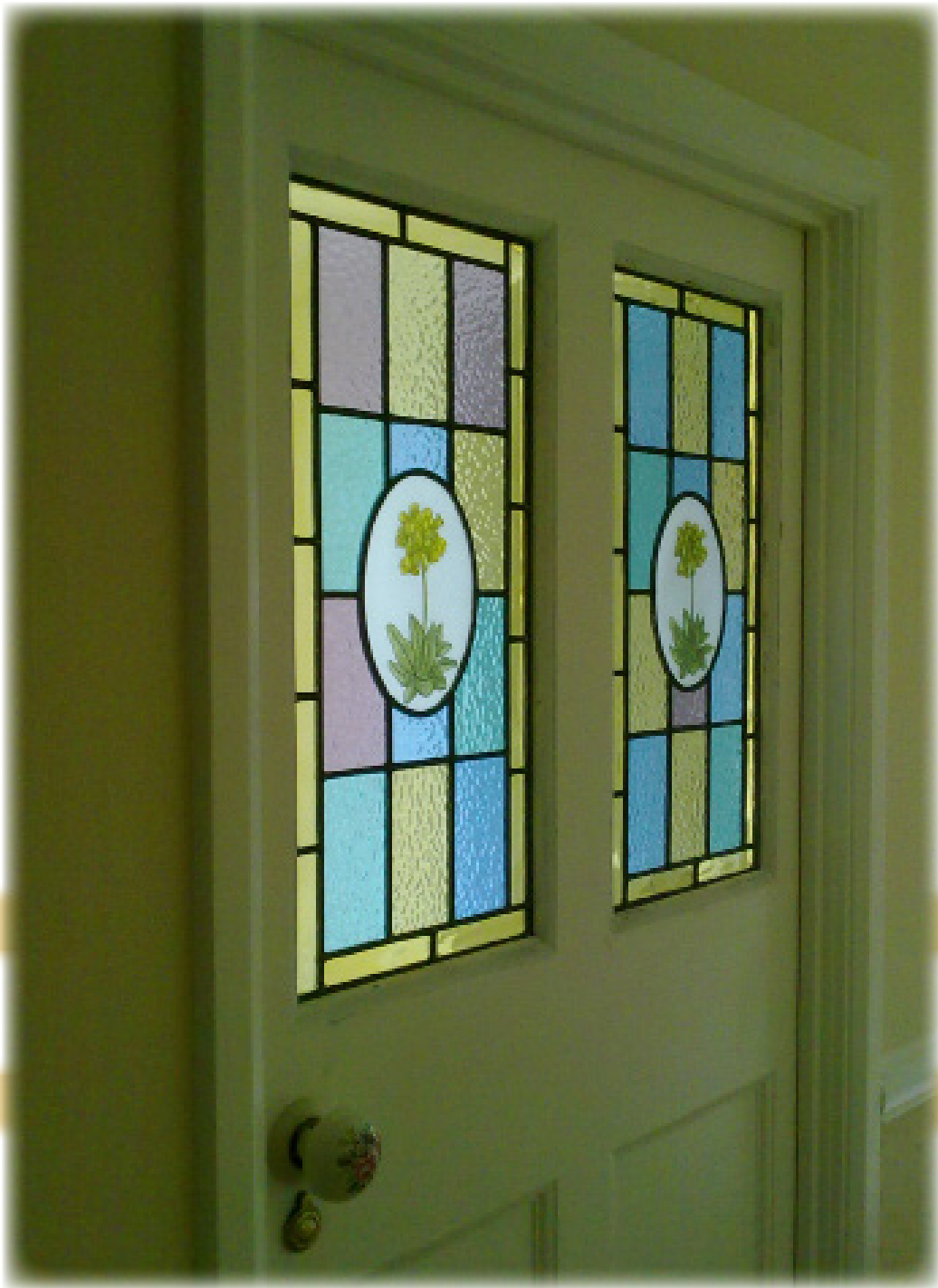
## Stained Glass Gallery.



Decorative toplights to compliment the period of the property.

## Traditional Glass

## Stained Glass Gallery.



Traditional lead light with a multi colour combination, with the additional glass painted cowslips.

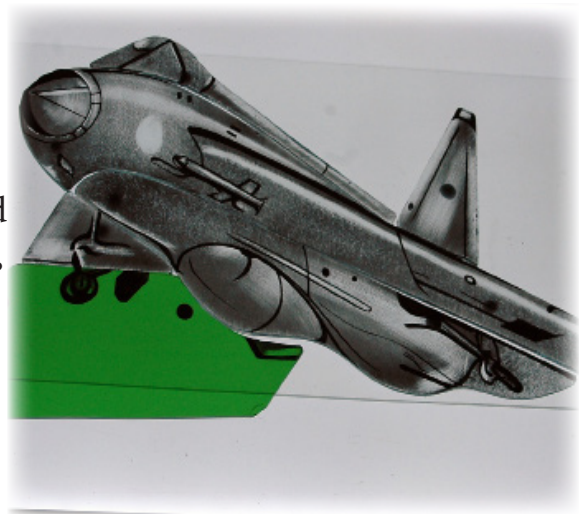
## Traditional Glass

# Case Study



Glass cut before additional glass paint and enamels are added to make decorative detail

Traditional kiln fired glass paint added to this plane, photo taken before the kiln is fired up at 660 degree's to fix the paint to the glass, the oldest glass painting in dates back to the 14th Century.



Once manufacturing of the frames and glass units have been made to include our decorative lead lights fitting and completion begins.

# Traditional Glass

## Stained Glass Gallery.



A Traditional lead light window with a round central feature, A study of a sea bird glass painted and enameled.

A fruit bowl with decorative surround including glass painting to high light areas requiring subtle features.



## Traditional Glass

## Traditional Lead lights.



## Traditional Glass

## Triple Glazing Gallery.



We can maintain or create new lead light windows that are inset within double glazed units, to meet the required regulations standards for replacement frames or new builds.

Traditional 1930s design to match the property age, based upon old photographic reference and remaining windows found locally.



## Traditional Glass

## Triple Glazing Gallery.

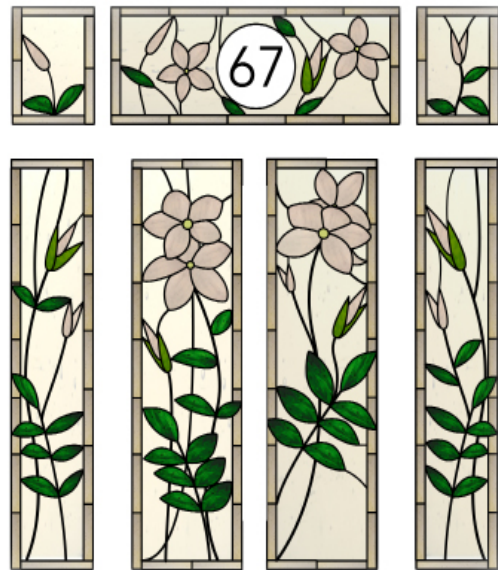


Pictures above a triple glazed obscured lead light. Below a new decorative leadlight tripleglazed with a new wooden frame to replace a UPVC window.



## Traditional Glass

## Triple Glazing Gallery.



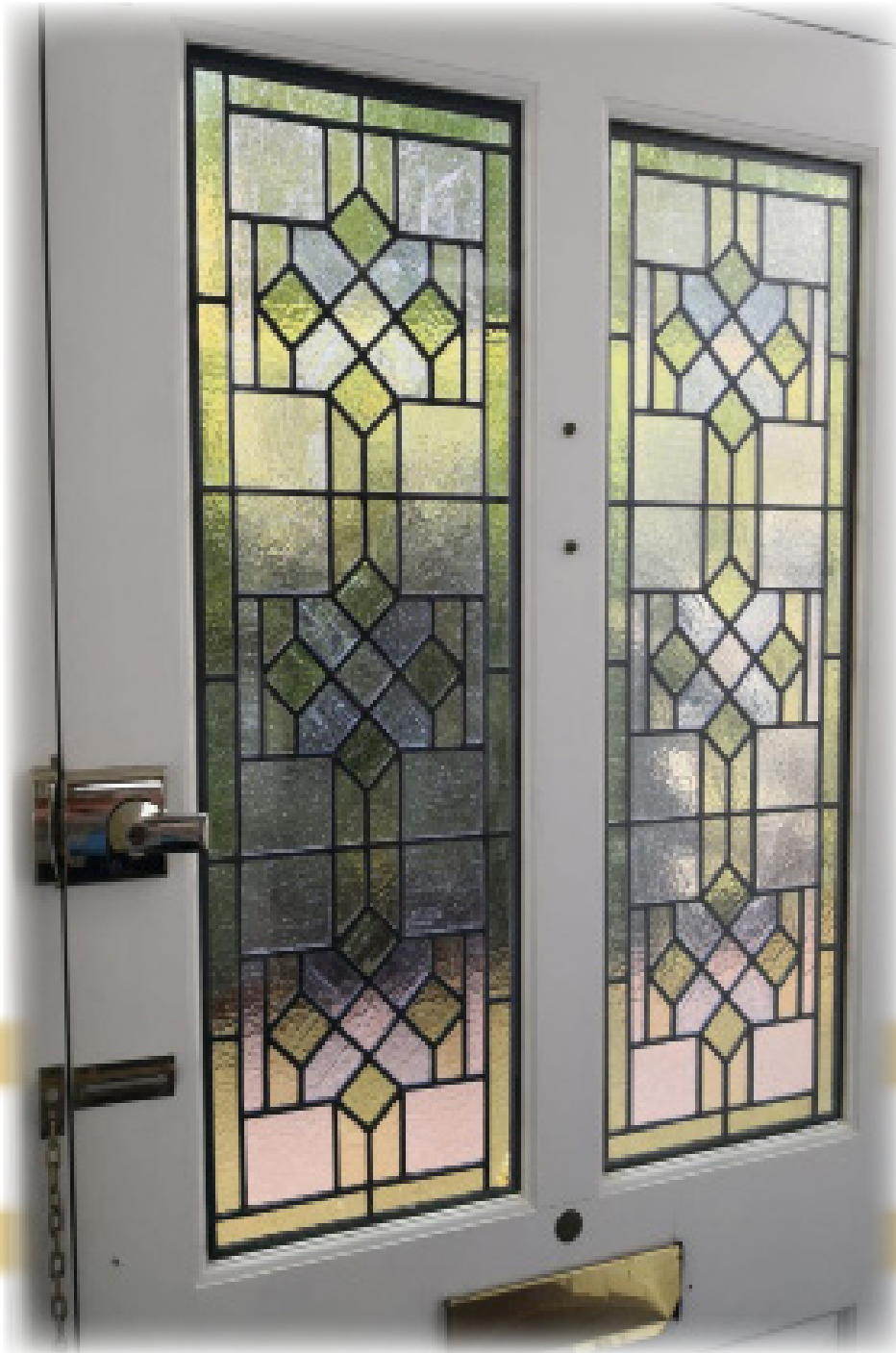
Triple glazed entrance way with a Jasmine theme.



## Traditional Glass



## Triple Glazing Gallery.



Triple glazed  
geometric design with soft coloured glass.

## Traditional Glass

## Stained Glass Gallery.



Triple glazed bungalow with a traditional theme throughout.



BEFORE

AFTER

Replacement door with triple glazed units to match what was previously installed.

## Traditional Glass

## Traditional Lead lights.



Obscured lead lights with  
a gothic arch  
fitted into stone  
surround.



Renovation work of  
traditional leadlight  
windows.  
Replacment leads with  
heritage glass.

## Traditional Glass

## Contact details.



Please contact us for further information .

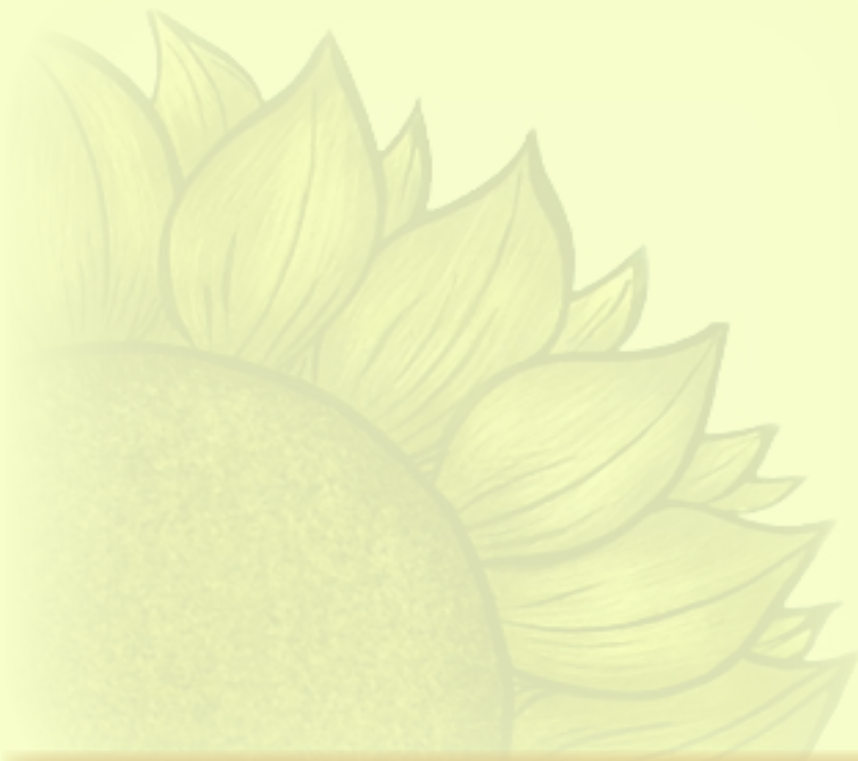
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