

### INTRODUCTION.

Knowsley Art Glass is a small family run business, established in 1980 based in Huyton, Liverpool.

Over the last four decades we have grown as a business and gained a lot of experience in our field, manufacturing all of our glass products in house, with a lot of our standard etched designs featured up and down the UK.

We offer a range of services including our standard stock of etched & coloured glass, stained glass, and the restoration of broken bespoke glass panels.

We have made a favourable name for ourselves in the glass industry along the way, working alongside not only respected historic conservators but we have also been featured in film & televison, such as Channel 4's "Peter Snows Great Rail Restoration" & the BBC's period drama "Peaky Blinders".



### **GLASS INDEX**

#### ETCHED GLASS OPTIONS.

Our most cost effective option with plenty of designs to choose from.

Page One-Two: Victorian Repeat Patterns.
Page Three-Four: Fanlights/House Numbers.
Page Five-Six: Central Glass Designs.

Page Seven-Nine: Wide panel Glass Designs.

#### Double ETCHED GLASS OPTIONS.

Similar to Satin Glass and used for privacy, often in Bathrooms.

Page Ten: Victorian Repeat Patterns.
Page Eleven: Central Glass Designs.

#### Coloured & ETCHED GLASS OPTIONS.

Using fired enamel we fire colour into the glass & then etch it.

PAGETWELVE-THIRTEEN: VICTORIAN REPEAT PATTERNS.
PAGE FOURTEEN: CENTRAL GLASS DESIGNS.

#### Nine Panel Glass Pack Options.

A WIDE RANGE OF GLASS BORDERS, CORNERS & CENTER DESIGNS USED FOR WINDOWS & DOORS.

PAGE SIXTEEN: CENTER PANEL DESIGNS
PAGE SEVENTEEN-NINETEEN: CORNER PANEL DESIGNS.
PAGE TWENTY-TWENTY TWO: BORDER PANEL DESIGNS.

### Double Glazing.

ALL OUR GLASS CAN BE MADE INTO DOUBLE GLAZED UNITS, WE ALSO DO CLEAR GLASS DOUBLE GLAZED UNITS & ETCHED UNITS.

PAGETWENTY THREE- TWENTY FOUR: INFORMATION.
PAGE TWENTY FIVE: PRICES.

### Bespoke Glass Restoration.

WE ALSO OFFER A BESPOKE GLASS RESTORATION SERVICE. WE CAN RECREATE BROKEN GLASS PANEL TO MATCH ORGINAL FEATURES.

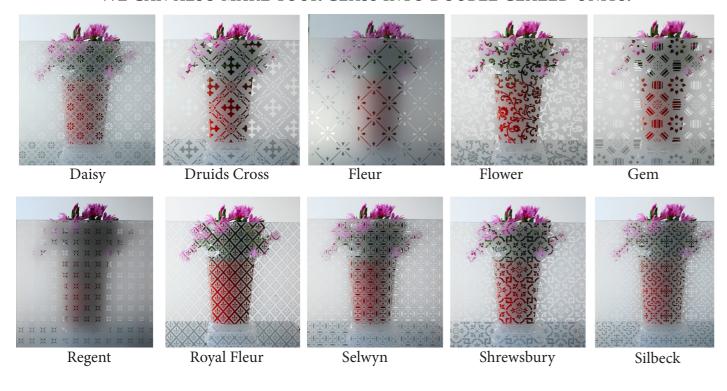
PAGE TWENTY SIX: BESPOKE RESTORATION.

# **VICTORIAN ETCHED GLASS** REPEAT PATTERNS

The Victorian repeat pattern etched glass is made in 1220x1070mm STOCK SHEETS, OR MAY BE SUPPLIED CUT TO YOUR SIZES AND TOUGHENED, TO COMPLY WITH CURRENT SAFTEY REGULATIONS.

STANDARD GLASS THICKNESS IS 4MM.

WE CAN ALSO MAKE YOUR GLASS INTO DOUBLE GLAZED UNITS.





GLASS TYPE	PRICE PER SQ MTR	MINIMUM CHARGE
4MM CUT TO SIZE & TOUGHENED	£150.41 +VAT	£37.60 +VAT
DOUBLE GLAZED, TOUGHENED CLEAR, 6MM 8MM 10MM 12MM ALU- MINIUM SPACER	£251.61 +VAT	£62.90 +VAT
DOUBLE GLAZED, TOUGHENED K, 16MM 18MM 20MM WARM EDGE OR SUPER SPACER ARGON FILLED	£295.61 +VAT	£73.90 +VAT

### ETCHED FLEUR DE LYS

The fleur de lys glass is made in 760x1120mm stock sheets, or may be supplied cut TO YOUR SIZES AND TOUGHENED, TO COMPLY WITH CURRENT SAFTEY REGULATIONS. STANDARD GLASS THICKNESS IS 4MM.

WE CAN ALSO MAKE YOUR GLASS INTO DOUBLE GLAZED UNITS.





GLASS TYPE	PRICE PER SQ MTR	MINIMUM CHARGE
4MM CUT TO SIZE & TOUGHENED FLEUR DE LYS	£181.50 +VAT	£77.24 +VAT
DOUBLE GLAZED, TOUGHENED CLEAR, 6MM 8MM 10MM 12MM ALU- MINIUM SPACER	£282.70 +VAT	£100.24 +VAT
DOUBLE GLAZED, TOUGHENED K, 16MM 18MM 20MM WARM EDGE OR SUPER SPACER ARGON FILLED	£326.70+VAT	£113.54 +VAT

<sup>\*</sup> WE ALSO SUPPLY A COLOURED VERSION OF THE FLEUR DE LYS, CHECK OUT PAGE

# CONTEMPORARY GLASS

WE ALSO DO A CONTEMPORARY GLASS RANGE, THESE FOUR DIFFERENT REPEAT DESIGNS ARE ALL PRICE ON APPLCATION.









**Bright Star** 

Circle

Square

# GLASS HOUSE NUMBERS & FANLIGHTS.

WE OFFER AN ETCHED GLASS HOUSE NUMBER SERVICE, WITH A RANGE OF STANDARD 12 DIFFERENT STANDARD BORDERS WHICH CAN BE APPLIED TO YOUR SIZES.

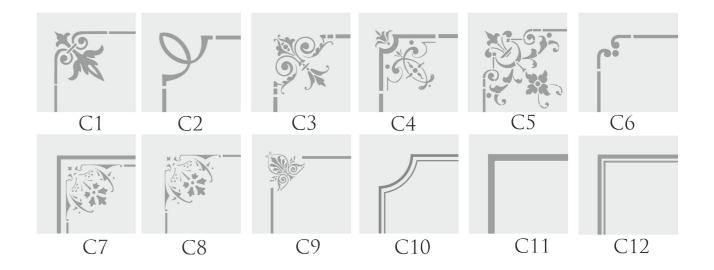
THESE BORDER CAN ALSO BE APPLIED TO GLASS WITHOUT ANY TEXT, FOR DOORS & WINDOWS.



WE CAN ALSO PROVIDE SHAPED PANELS, WE WILL REQUIRE A TEMPLATE TO CUT THE GLASS TO SIZE, AND THERE IS A 30% CHARGE FOR CUTTING SHAPED GLASS.



### BORDERS AVAILABLE



**FONT TYPES** 

Arial 0123456789

0123456789

Times New Roman 0123456789

0123456789

**BOLD** 

Egyptian710 BT 0123456789

0123456789 0123456789

Futura Md BT 0123456789

0123456789

Microsoft Yahei UI 0123456789
Plantagenet Cherokee 0123456789

0123456789

Verdana 0123456789

0123456789

Century 0123456789

GLASS TYPE	PRICE PER SQ MTR	MINIMUM CHARGE
BORDERS WITH NO NUMBER	£363.00+VAT	£90.75+VAT
BORDERS & NUMBER	£396.00+VAT	£99.00+VAT
BESPOKE HOUSE NUMBER	£477.59+VAT	£119.40+VAT

# VICTORIAN ETCHED GLASS CENTRAL DESIGNS

THE VICTORIAN ETCHED CENTRAL DESIGNS ARE PERFECT FOR TWO PANEL (MALTON DOORS), AND CAN ALSO BE USED IN WINDOWS.

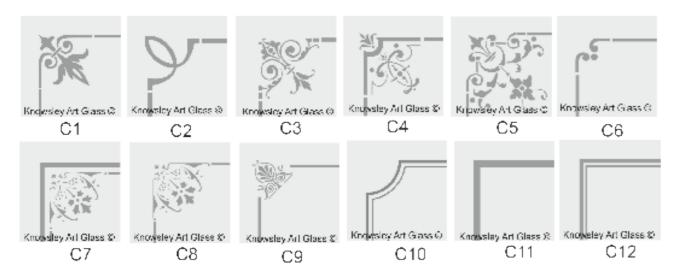
ALL THESE DESIGNS ARE MADE AT STANDARD SIZES, PLEASE NOTE THE DESIGN SIZES BELOW THE DESIGN NAMES.

Supplied cut to your sizes and toughened, to comply with current saftey regulations. Standard glass thickness is 4mm.

WE CAN ALSO MAKE YOUR GLASS INTO DOUBLE GLAZED UNITS.



LIKE THE PHOTO ABOVE, IF YOUR WINDOW OR DOOR SIZES ARE A BIT LARGER, WE CAN ADD A ONE OF OUR STANDARD BORDERS TO THE DESIGN AT AN EXTRA COST, THIS OPTION IS PRICE ON APPLICATION. BELOW YOU WILL FIND OUR 12 DIFFERENT BORDER OPTIONS.





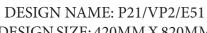
#### PRICES FOR PANELS THAT MEASURE UP TO 305X1120MM

GLASS TYPE	PRICE PER SQ MTR	MINIMUM CHARGE
4MM CUT TO SIZE & TOUGHENED	£181.50 +VAT	£86.87 +VAT
DOUBLE GLAZED, TOUGHENED CLEAR, 6MM 8MM 10MM 12MM ALU- MINIUM SPACER	£282.70 +VAT	£100.24+VAT
DOUBLE GLAZED, TOUGHENED K, 16MM 18MM 20MM WARM EDGE OR SUPER SPACER ARGON FILLED	£326.70 +VAT	£113.54 +VAT

# WIDE PANEL ETCHED GLASS

On this page you will find a different range of glass door panels that have been spe-CIALLY DESIGNED TO SUIT THE STANDARD 2XG2 DOORS THAT WE SUPPLY, AND DESIGNS CAN ALSO BE MANIPULATED TO FIT CUSTOMERS DOOR SIZES.







**DESIGN NAME: P22/C3** 



DESIGN NAME: P28/P10/E52 DESIGN SIZE: 420MM X 820MM DESIGN SIZE: 420MM X 820MM DESIGN SIZE: 420MM X 820MM

P21/VP2/E51 HAS TWO DIFFERENT BORDER OPTIONS, THERE IS THE ETCHED P10 BORDER, OR ETCHED FLEUR BORDER. TWO DIFFERENT CORNER OPTIONS, THE ETCHED E52 CORNER AND E51 CORNER. TWO DIFFERENT CENTER OPTIONS, P21 AND P28.



Etched Fleur





E51





WE HAVE A SELECTION OF INTERCHANGEABLE CENTERS ALSO, OUR SELECTION OF CENTERS ARE BELOW.

GLASS TYPE	PRICE PER	MINIMUM
	<u>SQ MTR</u>	<u>CHARGE</u>
4MM CUT TO SIZE &	£396.00 +VAT	£99.00 +VAT
TOUGHENED		
DOUBLE GLAZED, TOUGHENED CLEAR, 6MM 8MM 10MM 12MM ALUMINIUM SPACER	£497.20 +VAT	£124.30 +VAT
DOUBLE GLAZED, TOUGHENED K, 16MM 18MM 20MM WARM EDGE OR SU- PER SPACER ARGON FILLED	£541.20 +VAT	£135.30 +VAT

#### BORDERS ARE INTERCHANGEABLE, OUR SELECTION OF BORDERS ARE BELOW.





Design No P20 Design Size: 230x420mm



Design No P5 Design Size: 255x510mm



Design No P30 Design Size: 200x466mm



Design No P26 Design Size: 180x478mm



Design No P21 Design Size: 200x565mm



Design No P33 Design Size: 140x520mm



Design No P28 Design Size: 180x582mm

E52

# P35 WIDE PANEL.







DESIGN NAME: ETCHED P35.

**DESIGN NAME: DEP35** DESIGN SIZE: 500MM X 880 MM DESIGN SIZE: 500MM X 880MM DESIGN SIZE: 500MM X 880MM

GLASS TYPE	PRICE PER SQ MTR	MINIMUM CHARGE
4MM CUT TO SIZE & TOUGHENED ETCHED P35	£550.79 +VAT	£137.69+VAT
4MM CUT TO SIZE & TOUGHENED DEP35	£1,124.82 +VAT	£281.20 +VAT
4MM CUT TO SIZE & TOUGHENED REP35	PRICE ON APPLICATION	PRICE ON APPLICATION

# P34 WIDE PANEL.

PRICE ON APPLICATION.



# DOUBLE ETCHED GLASS SIMILAR TO SATIN GLASS FOR PRIVACY

THE DOUBLE ETCHED REPEAT PATTERN ETCHED GLASS IS MADE IN 1220X1070MM STOCK SHEETS, OR MAY BE SUPPLIED CUT TO YOUR SIZES AND TOUGHENED, TO COMPLY WITH CURRENT SAFTEY REGULATIONS. STANDARD GLASS THICKNESS IS 4MM & 6MM.

WE CAN ALSO MAKE YOUR GLASS INTO DOUBLE GLAZED UNITS.









**DRUIDS CROSS** 

FLEUR

SHREWBURY

STARLIGHT

GLASS TYPE	PRICE PER SQ MTR	MINIMUM CHARGE
4MM CUT TO SIZE & TOUGHENED	£289.74 +VAT	£72.43 +VAT
DOUBLE GLAZED, TOUGHENED CLEAR, 6MM 8MM 10MM 12MM ALU- MINIUM SPACER	£390.94 +VAT	£97.73 +VAT
DOUBLE GLAZED, TOUGHENED K, 16MM 18MM 20MM WARM EDGE OR SUPER SPACER ARGON FILLED	£434.94 +VAT	£108.73 +VAT

### The difference between standard etched & double etched?



Left: Standard **ETCHED** 



RIGHT: DOUBLE **ETCHED** 

### DOUBLE ETCHED GLASS CENTRAL DESIGNS

THE DOUBLE ETCHED CENTRAL DESIGN ETCHED GLASS IS MADE IN 305MM X 1120MM STOCK SHEETS, OR MAY BE SUPPLIED CUT TO YOUR SIZES AND TOUGHENED, TO COMPLY WITH CURRENT SAFTEY REGULATIONS. STANDARD GLASS THICKNESS IS 4MM & 6MM.

WE CAN ALSO MAKE YOUR GLASS INTO DOUBLE GLAZED UNITS.



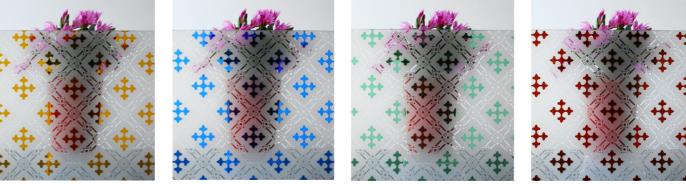
GLASS TYPE	PRICE PER SQ MTR	MINIMUM CHARGE
4MM CUT TO SIZE & TOUGHENED	£289.74 +VAT	£72.43 +VAT
DOUBLE GLAZED, TOUGHENED CLEAR, 6MM 8MM 10MM 12MM ALU- MINIUM SPACER	£390.94 +VAT	£97.73 +VAT
DOUBLE GLAZED, TOUGHENED K, 16MM 18MM 20MM WARM EDGE OR SUPER SPACER ARGON FILLED	£434.94 +VAT	£108.73 +VAT

### **COLOURED & ETCHED GLASS**

THE COLOURED & ETCHED REPEAT PATTERN ETCHED GLASS IS MADE IN
1220X1070MM STOCK SHEETS, OR MAY BE SUPPLIED CUT TO YOUR SIZES AND
TOUGHENED, TO COMPLY WITH CURRENT SAFTEY REGULATIONS.

STANDARD GLASS THICKNESS IS 4MM & 6MM.

WE CAN ALSO MAKE YOUR GLASS INTO DOUBLE GLAZED UNITS.



Amber Druids Cross Blue Druids	Cross Green Druids Cro	ss Red Druids Cross
GLASS TYPE	PRICE PER SQ MTR	MINIMUM
		<u>CHARGE</u>
4MM CUT TO SIZE & TOUGHENED (BLUE & GREEN)	£324.94 +VAT	£81.23 +VAT
4MM CUT TO SIZE & TOUGHENED (RED & AMBER)	£406.17 +VAT	£101.54 +VAT
DOUBLE GLAZED CLEAR TOUGH- ENED, (BLUE & GREEN) 6MM, 8MM, 10MM, 12MM WITH ALUMIUM SPACER	£426.14 +VAT	£106.53 +VAT
DOUBLE GLAZED CLEAR TOUGH- ENED, (RED & AMBER) 6MM, 8MM, 10MM, 12MM WITH ALUMIUM SPACER	£507.37 +VAT	£126.84 +VAT
DOUBLE GLAZED TOUGHENED K    (BLUE & GREEN)  16MM, 18MM, 20MM,  WARM EDGE OR SUPER SPACER  ARGON FILLED.	£470.14 +VAT	£117.53 +VAT
DOUBLE GLAZED TOUGHENED K    (RED & AMBER)  16MM, 18MM, 20MM,  WARM EDGE OR SUPER SPACER  ARGON FILLED.	£551.37 +VAT	£137.84 +VAT

# FLEUR DE LYS (COLOUR)

The coloured & etched repeat pattern etched glass is made in 760X1120MM STOCK SHEETS, OR MAY BE SUPPLIED CUT TO YOUR SIZES AND TOUGHENED, TO COMPLY WITH CURRENT SAFTEY REGULATIONS. STANDARD GLASS THICKNESS IS 4MM & 6MM.

WE CAN ALSO MAKE YOUR GLASS INTO DOUBLE GLAZED UNITS.





GLASS TYPE	PRICE PER SQ MTR	MINIMUM CHARGE
4MM CUT TO SIZE & TOUGH- ENED AMBER FLEUR DE LYS	£406.17 +VAT	£172.86 +VAT
DOUBLE GLAZED, TOUGH- ENED CLEAR, 6MM 8MM 10MM 12MM ALUMINIUM SPACER	£507.37 +VAT	£198.16 +VAT
DOUBLE GLAZED, TOUGH- ENED K, 16MM 18MM 20MM WARM EDGE OR SUPER SPACER ARGON FILLED	£551.37 +VAT	£209.16+VAT



# **COLOURED & ETCHED GLASS** CENTRAL DESIGNS









Etched Amber P9 Blue P8 Design size: Design size: 170mm x 800mm 200mm x 750mm

PRICE FOR COLOUR INLAID SIZES UP TO 305MM X 1120MM, IF YOUR SIZES EXCEED THIS THERE MAY BE EXTRA COSTS.

GLASS TYPE	PRICE PER SQ MTR	MINIMUM CHARGE
4MM CUT TO SIZE & TOUGHENED BLUE	£432.74 +VAT	£141.22 +VAT
4MM CUT TO SIZE & TOUGHENED AMBER	£504.92 +VAT	£176.52 +VAT
DOUBLE GLAZED TOUGHENED CLEAR (BLUE) 6MM, 8MM, 10MM, 12MM	£533.94 +VAT	£166.52 +VAT
DOUBLE GLAZED TOUGHENED CLEAR (AMBER) 6MM, 8MM, 10MM, 12MM	£642.12 +VAT	£201.82 +VAT
DOUBLE GLAZED TOUGHENED K (BLUE) 16MM, 18MM, 20MM	£577.94 +VAT	£177.52 +VAT
DOUBLE GLAZED TOUGHENED K (AMBER) 16MM, 18MM, 20MM	£686.12 +VAT	£212.82 +VAT

### NINE PANEL GLASS PACKS.

Some of our best selling products are from our nine panel glass pack RANGE, WITH A SELECTION OF BORDERS, CORNERS AND CENTERS, WE OFTEN SEE CUSTOMERS USING THEM IN BOTH SASH WINDOWS AND DOWNHAM DOORS. WITH OVER 50 DIFFERENT DESIGNS TO CHOOSE FROM OUR STANDARD NINE PAN-EL GLASS PACK RANGE YOU CAN MIX AND MATCH TO FIND SOMETHING RIGHT FOR YOUR HOME.



FOR WINDOWS



FOR INTERNAL DOORS



FOR EXTERNAL DOORS

### **CENTER PANEL OPTIONS**

THESE UNIQUE CENTRE PANEL DESIGNS ARE EYE CATCHING REPRODUCTIONS, BESPOKE SER-VICES ARE ALSO AVAILABLE.

WITH OUR IN HOUSE ILLUSTRATOR WE CAN REPRODUCE ANY EXISTING DESIGN YOU HAVE.

# SINGLE ETCHED CENTRE PANELS



Design No P20 Design Size: 230x420mm



Design No P5 Design Size:



Design No P30 Design Size: 200x466mm



Design No P26 Design Size: 180x478mm



Design No P21

Design Size:

200x565mm

Design No P33 Design Size: 140x520mm



Design No P28 Design Size: 180x582mm

GLASS TYPE	PRICE PER SQ MTR	MINIMUM CHARGE
4MM CUT TO SIZE & TOUGHENED	£266.20 +VAT	£86.87 +VAT

# COLOURED/DOUBLE ETCHED CENTRE PANELS





Design No Blue Design No Amber P23 Design Size: P23 Design Size: 160x355mm 160x355mm



Design Size: 160x355mm



Design No P23 Design No Amber Design No Amber Fleur De Lys P5 Design Size: 255x510mm



Blue P28 Design Size:

180x582mm



Design No Design No Double Design No Etched P33 Double Etched Design Size: 140x520mm

GLASS TYPE	PRICE PER SQ MTR	MINIMUM CHARGE
4MM CUT TO SIZE & TOUGHENED   DE NO COLOUR	£333.19 +VAT	£108.73 +VAT
4MM CUT TO SIZE & TOUGHENED   BLUE	£432.72 +VAT	£141.22 +VAT
4MM CUT TO SIZE & TOUGHENED   RED OR AMBER	£540.92 +VAT	£176.52 +VAT

### **CORNER PANEL OPTIONS**

WE HAVE A SELETION OF DIFFERENT COLOURED CORNER PANELS AVAILABLE,

COST EFFECTIVE TO TRADITIONAL HAND CUT PIECES.

# FIRED ENAMEL STARBURST













Information About Fired Enamel Starburst-

These popular colourful eye catching corner designs are screen printed directly onto the glass and fired in the kiln at melting point.

GLASS TYPE	PRICE EACH	PRICE FOR SET OF 4
6MM CUT TO SIZE & TOUGH- ENED   BLUE OR GREEN	£7.92 +VAT	£31.68 +VAT
6MM CUT TO SIZE & TOUGH- ENED   A	£11.88 +VAT	£47.52 +VAT

# FIRED ENAMEL ETCHED

















EB 52

Information About Fired Enamel Etched Corners-These colourful corner designs are screen printed directly onto the glass and fired in the kiln at melting point, with the design etched out.

GLASS TYPE	PRICE EACH	PRICE FOR SET OF 4
6MM CUT TO SIZE & TOUGHENED   BLUE OR GREEN	£10.01 +VAT	£40.04 +VAT
6MM CUT TO SIZE & TOUGHENED   AMBER OR RED	£15.01 +VAT	£60.04 +VAT

## DOUBLE ETCHED





**DE 52** 

**B3** Corner

Information About Double Etched Corners-Different from our standard etched glass where you can see through the design, the double etched has the design as well as the background etched; Perfect for those doors that are in need of obscurity, for example bathroom doors.

GLASS TYPE	PRICE EACH	PRICE FOR SET OF 4
6MM CUT TO SIZE	£17.98+VAT	£71.92+VAT

# ANT CUT GLORY ST









Clear Glory Star Etched Glory Star Blue Glory Star Green Glory Star Yellow Glory Star Red Glory Star

Cut Information About Brilliant Corners-Brilliant cutting is a extraordinary skilled and artistic process, an age-old process passed down through many generations via apprenticeships. The process creates designs on glass and mirror and is all done by hand. These unique brilliant cut corners are all individually hand made out of flashed glass using Victorian traditional methods. Often seen as corners in Victorian sash windows and doors.

102MM STAR SQ GLORY STAR	PRICE EACH	PRICE FOR SET OF 4
RED/BLUE/CLEAR/GREEN/ YELLOW	£34.94+VAT	£139.76 +VAT
127MM SQ GLORY STAR	PRICE EACH	PRICE FOR SET OF 4
RED/BLUE/CLEAR/GREEN/ YELLOW	£39.00+VAT	£156.00 +VAT
152MM SQ GLORY STAR	EACH	PRICE FOR SET OF 4
RED/BLUE/CLEAR/GREEN/ YELLOW	£43.75 +VAT	£175.00 +VAT

### OTHER BRILLIANT CUT DESIGNS

WE ALSO HAVE A SELECTION OF DIFFERENT DESIGNS IN BRIL-LIANT CUT GLASS, THESE DESIGNS ARE ALL PRICE ON APPLICATION.



### **BRILLIANT CUT RESTORATION**

A BRILLIANT CUT RESTORATION SERVICE IS ALSO OFFERED, IF YOU HAVE A BROKEN BRILLIANT CUT PANEL, SEND US SOME PHOTOS AND ROUGH SIZES, AND WE'LL GIVE SEND YOU A QUOTE . SEE THE PHO-TOS BELOW FOR A BEFORE AND AFTER OF A RESTORED PANEL.



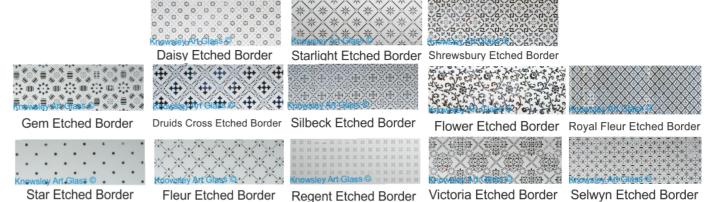


### BORDER PANEL OPTIONS

TIVE ETCHED TO THE MORE COLOURFUL FIRED ENAMEL PANELS.

### ETCHED BORDERS

Our design is applied to the glass and sandblasted, leaving the background etched and design clear, the following etched borders are our most cost effective option for borders.

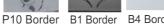


#### REPEAT ETCHED BORDERS

GLASS TYPE	TOP & BOTTOM PANELS	SIDE PANELS
4MM CUT TO SIZE	£8.13 +VAT EACH	£16.26 +VAT EACH

PRICESFORSIZESUPTO-430MMX152MM(TOP&BOTTOMPANELS)152MMX860MM(SIDEPANELS)









# CENTERED B1 Border B4 Border B4 Border BCENTERED BCRDERS

GLASS TYPE	TOP & BOTTOM	<u>SIDE PANELS</u>
	<u>PANELS</u>	
4MM CUT TO SIZE	£15.99 +VAT EACH	£31.98 +VAT EACH

PRICES FOR SIZES UP TO- 430MM X 152MM (TOP & BOTTOM PANELS) 152MM X 860MM (SIDE PANELS)

### DOUBLE ETCHED BORDERS

Different from our standard etched glass where you can see through the design, the double etched has the design as well as the background etched; Perfect for those doors that are in need of obscurity, for example bathroom doors

GLASS TYPE	TOP & BOTTOM PANELS	SIDE PANELS
6MM CUT TO SIZE	£23.40 +VAT EACH	£46.80 +VAT EACH

PRICESFORSIZESUPTO-430MMX152MM(TOP&BOTTOMPANELS)152MMX860MM(SIDEPANELS)





**B3** Border

### FIRED ENAMEL BORDERS

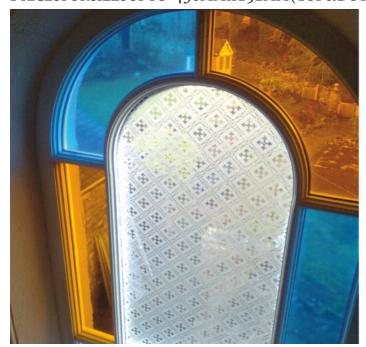
Plain colour is screen printed onto the glass leaving the glass see through but coloured, you can also have the P10 design inlaid into the glass leaving the design clear and see through.



### **COLOUR & CLEAR BORDERS**

GLASS TYPE	TOP & BOTTOM PANELS	SIDE PANELS
4MM CUT TO SIZE & TOUGH- ENED   BLUE & GREEN	£17.85 +VAT EACH	£32.47 +VAT EACH
4MM CUT TO SIZE & TOUGH- ENED RED & AMBER	£59.53 +VAT EACH	£119.06+VAT EACH

PRICESFORSIZESUPTO-430MMX152MM(TOP&BOTTOMPANELS)152MMX860MM(SIDEPANELS)



WE ALSO CAN PROVIDE SHAPED BORDERS, THESE ARE COMMON-LY FOUND IN ARCHED WINDOWS. FOR US TO DETERMINE THE PROPER SHAPE OF THE ARCHED PANELS, WE REQUIRE CUSTOMERS TO MAKE US A TEMPLATE OF THE GLASS PANEL AND POST IT TO US.

MORE INFORMATION
ABOUT MAKING TEMPLATES
CAN BE FOUND AT THE
BACK OF THE BROCHURE.

#### **ENAMEL & ETCHED BORDERS**

applied to glass, with etched inlaid. colour is have plain We colours choose from, amber, to blue, and green, red. four B1 Blue Border P10 Etched **Amber** P10 Etched Green P10 Etched Blue P10 P10 P10 P10 B2 B1 **Etched Etched** P10 Etched Etched Etched **Amber** Blue Blue Green Amber Red Red Border Border GLASS TYPE TOP & BOTTOM PANELS SIDE PANELS 4MM CUT TO SIZE & TOUGH-£21.42+VAT EACH £42.84+VAT EACH ENED | BLUE & GREEN 4MM CUT TO SIZE & TOUGH-£71.43 +VAT EACH £142.86+VAT EACH ENED RED & AMBER PRICESFORSIZESUPTO-430MMX152MM(TOP&BOTTOMPANELS)152MMX860MM(SIDEPANELS)

### DOUBLE GLAZING.

This page is here to help you with understanding double glazed units, otherwise known as insulated glazing.

THERE ARE LOTS OF DIFFERENT OPTIONS FOR DOUBLE GLAZING TO CHOOSE FROM DEPENDING ON THE CUSTOMERS REQUIREMENTS.

YOU WILL NEED TO INFORM US THE FOLLOWING-

- \* What thickness unit they require.
- \* What Spacer Bar they wish to use.
  - \* If the unit is to be Gas Filled
- \* What type of glass they wish to use (example low e)

BELOW WE WILL SUPPLY SOME USEFUL INSTRUCTIVE ADVICE ON HOW TO ACQUIRE THE ABOVE INFORMATION FOR YOUR OWN DOUBLE GLAZED UNIT.



FIRST, SOME INFORMATION-

#### GAS OR AIR FILLED?

DOUBLE GLAZED UNIT CONSISTS OF TWO **GLASS** WINDOW PANES WHICH IS SEPARATED BY A VACCUM, EITHER AIR FILLED OR GAS FILLED. WHATS THE DIFFERENCE **BETWEEN** AIR **FILLED GAS** FILLED? Air FILLED IS THE CHEAPER OPTION, AND DO **PROVIDE** Α CER-**TAIN** LEVEL OF **ENEGRY** & NOISE REDUCTION. **EFFICIENCY** GAS **FILLED** IS **INVESTMENT FOR** LONG-**BETTER TERM** PERFORMANCE. **ENERGY EFFCIENCY** &

#### SPACER BARS.

SPACER BAR, OTHERWISE KNOWN AS A PROFILE; IS THE CONTINUOUS HOLLOW FRAME WHICH SEPARATES THE TWO GLASS PANES WITHIN A DOUBLE GLAZED UNIT. THE BAR IS BONDED TO THE GLASS PANES VIA A PRIMARY & SECONDARY SEAL, WHICH INTURN CREATES AN AIRTIGHT CAVITY WHICH CAN BE FILLED WITH AIR OR GAS. THE SPACER BAR ITSELF IS FILLED WITH A DESICCANT TO ABSORB ANY RESIDUAL MOISTURE WITHIN THE CAVITY AND THUS PREVENT CONDENSATION WITHIN THE DOUBLE GLAZED UNIT.

THERE ARE A FEW SPACER BARS TO CHOOSE FROM, WE WILL START WITH THE MOST POPULAR,

ALUMINIUM- LIGHT BUT STRONG THEIR FLEXIBILITY MEANS THEY CAN BE FORMED INTO A WIDE VARIETY OF SHAPES AND SIZES. HOWEVER, LESS EFFECTIVE IN INSULATING AGAINST HEAT LOSS THAN WARM EDGE SPACER BARS, THESE ALUMINIUM SPACER BARS ARE THE MORE COST EFFECTIVE OF THE SPACER BARS.

WARM EDGE SPACER BAR- OTHERWISE KNOWN AS THERMAL BREAK, REDUCE THE HEAT LOSS AROUND THE PERIMETER OF A DOUBLE GLAZED UNIT BY REPLACING CONVENTIONAL ALUMINIUM WITH LOW HEAT CONDUCTIVE MATERIAL, FURTHER REDUCING CONDENSATION ON THE ROOM-FACING SURFACE OF THE DOUBLE GLAZING WINDOW AS THEY TRANSMIT LESS OF A TEMPERATURE DIFFERENCE TO THE INTERIOR PLANE. USUALLY MADE FROM A FIBRE-GLASS REINFORCED INSULATION MATERIAL. AN ULTRATHIN FOIL LINING ACTS AS A BARRIER TO THE GAS OR AIR TRAPPED WITHIN THE CAVITY.

These are avaiable in a array of different colours.

#### GLASS

LOW E- OTHERWISE KNOWN AS LOW-EMISSIVITY GLASS, WITH A TRANSPARENT METALLIC COATING THAT WORKS IN TWO WAYS TO ECONOMISE HEATING ENERGY. THE DUAL ACTION COATING REFLECTS HEAT BACK INTO THE ROOM WHILST ALLOWING HEAT AND LIGHT FROM THE SUN TO PASS THROUGH.

Pilkington K Glass™- A low-emissivity soft coated product which offers thermal insulation when incorporated within an insulating unit, with optimal solar heat gain, thermal insulation and light transmission to provide the highest window energy rating.



This page is here to help you with understanding double glazed units, otherwise known as insulated glazing.

There are lots of different options for double glazing to choose from depending on the customers requirements.

YOU WILL NEED TO INFORM US THE FOLLOWING-

- \* What thickness unit they require.
- \* What Spacer Bar they wish to use.
  - \* If the unit is to be Gas Filled
- \* What type of glass they wish to use (example low e)

BELOW WE WILL SUPPLY SOME USEFUL INSTRUCTIVE ADVICE ON HOW TO ACQUIRE THE ABOVE INFORMATION FOR YOUR OWN DOUBLE GLAZED UNIT.

### DOUBLE GLAZING PRICES.

IF YOU REQUIRE A PLAIN DOUBLE GLAZED UNIT, OR ETCHED ALL OVER WE CAN ASLO PROVIDE THIS SERVICE.

UNIT TYPE	PRICE PER SQ MTR	MINIMUM CHARGE
DOUBLE GLAZED, TOUGH- ENED CLEAR, 6MM 8MM 10MM 12MM ALUMINIUM SPACER	CURRENTLY POA DUE TO SURCHARGES	
DOUBLE GLAZED, TOUGH- ENED K, 16MM 18MM 20MM WARM EDGE OR SUPER SPACER ARGON FILLED	CURRENTLY POA DUE TO SURCHARGES	

THIS PRICE WILL BE ADDED ONTOP OF YOUR GLASS PRICE.

UNIT TYPE   NINE PANEL GLASS	PRICE PER SQ MTR
<u>PACK</u>	
DOUBLE GLAZED, TOUGHENED CLEAR, 6MM 8MM 10MM 12MM ALUMINIUM SPACER	£115.70 +VAT
DOUBLE GLAZED, TOUGHENED K, 16MM 18MM 20MM WARM EDGE OR SUPER SPACER ARGON FILLED	£140.40 +VAT

THIS PRICE WILL BE ADDED ONTOP OF YOUR GLASS PACK PRICE.

# BESPOKE GLASS RESTORATION.

Over four decades Art Glass have accomplished many attractive glass pieces, manily in the world of restoration. With the knowledge we've gained over the years of restoring both etched and coloured glass we have been able to adapt traditional techniques to recreate bespoke glass panels.

Every assignment we have had the pleasure of working on makes our job worthwhile.

Our bespoke service allows us to copy and reproduce designs using different techniques depending on the glass panels.



B E F O R E A F T E R

You can check out more of our bespoke restoration projects on our website & social media.





