# Regalead<sub>®</sub>

Upsuls ATE

PRODUCT CATALOGUE

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CadRam



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**decorative products** for the flat glass industry

2ND EDITION

# About RegaLead

Here at RegaLead, we make it our business to be the best. And with the best products at the best prices it's little wonder we're the largest supplier of decorative components to the European glass and door market. But don't just take our word for it, see for yourself! This, our definitive catalogue, boasts our entire range of fantastic flat glass components laid out in an easy-to-use format. Have a look and see why RegaLead is the last word in decorative glass.

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From our headquarters in Manchester, we trade in over 75 countries worldwide, specialising in decorative Overlay systems. For 30 years we've delighted our customers with the size and scope of our product ranges. After pioneering the use of bevelled glass, we've gone on to become the largest European supplier, adding sparkle to decorative glass!



We're adding colour too, with our beautiful Stained Glass Art Film range. Featuring over 500 original styles, including opaques, wisps, metallics and marbles, we've got every colour of the rainbow (and a whole lot more!). And if that weren't enough, we're also the UK's leading supplier of self-adhesive lead, manufacturing over 30 million metres a year. RegaLead is the Overlay expert. However, we're more than just Overlay. Over the last 10 years, RegaLead has expanded and our portfolio is now as diverse as it is great. From sandblasting to fused glass, we've got it covered. Our additional sites in Kent and Scotland provide specialist centres of glass knowledge. CadRam in Northfleet is the home of our backpainted glass and decorative resin systems, while Decorative Door Products in Hawick developed our unique Crystal Art technology, which is used in insulated door-glass units.

If you can think of it, RegaLead does it. And with our strong international network of local agents and distributors, RegaLead's customers get the same great products and service the world over!

To make it easy to view our comprehensive product list, we're pleased to present this, our definitive catalogue, which is divided into the following sections: Overlay, for lead, film bevels and fused glass tiles; Fused Glass, for kilns and coloured glass; CadRam, for resin systems and technology; ColorSpray, for backpainted glass; CadBlast, for decorative sandblasting and Design, for technical and creative design tools. Each section features its own introduction outlining the product range, any technical information and a brief overview of the accompanying marketing tools.

For more information or to order any of our fantastic products, please contact our sales office who would be delighted to help.



RegaLead in Mancheste

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CadRam in Northfle



Decorative Door Products in Hawick

# Regalead

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decorative door products LEAD

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- @RegaLead

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www.regalead.com



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REGALEAD

# **Terms & Conditions of Sale**

The following terms apply to all contracts in which RegaLead Limited ("the Company") acts as the seller.

#### 1. Orders

Orders will not be accepted on a sale or return basis and shall be for the minimum quantities published by the company from time to time.

#### 2. Payment

Payment is due 30 days from the end of the month of invoice, subject to credit account approval.

#### 3. Delivery

- If there is a delay in delivery because of acts or omissions of the buyer. The buyer shall be responsible for any increased costs which the Company shall incur as a result.
- (2) The Company will take all reasonable steps to deliver within a reasonable time, or if a specific date for delivery has been agreed on that date, but it will not be responsible for the consequence of any failure so to do unless it has been agreed in writing

when the contract was made that the time for delivery shall be of the essence.

- (3) No claims by the buyer against the Company shall be valid unless notified to the Company in writing within the following limits:
- a) In the case of short delivery within 5 days of delivery.
- b) In the case of loss or non delivery of the whole of a consignment within 14 days of:-
- i) Being notified by the Company that the goods are in transit or,
- ii) The date of the Company's invoice, whichever is the earlier?

#### 4. Defects

If any goods supplied by the Company shall be defective in quality or in quantity or in any other way, then the Company will, at its discretion, either replace the goods or refund (give a credit note for) the purchase price but shall not be under any further liability.

#### **Delivery Terms and Conditions**

#### 5. Risk and Title

- The risk in any goods supplied by the Company shall pass to the buyer on delivery to the buyer.
- (2) The ownership of any goods supplied by the Company shall not pass to the buyer until the goods have been paid for in full.

#### 6. Prices

Any prices quoted in any price list, catalogue or advertisement of the Company shall only be for the guidance of buyers and shall not constitute an offer to sell at those prices. The contract price, unless otherwise specifically agreed, shall be calculated in accordance with the Company's price list and payment terms in force on the date of despatch of the goods which may be altered by the Company at any time without notice.

| From 2                   | livery Charges – Tariff<br>2nd March 2009<br>der Value £25.00 + Vat | MINIMUM ORDER<br>Carriage Paid        |  | ORDER<br>E CHARGE                           | STANDARD<br>Delivery service |
|--------------------------|---|---------------------------------------|--|---|------------------------------|
| UK Mainland              | CadRam Resins,<br>ColorSpray  | £95.00                                | £7                                       | .50   | 2 - 3 Days                   |
| UK Maintanu              | Films, Bevels<br>Solder, Ancillaries                                | £50.00                                | Order Value below £25.00<br><b>£5.50</b> | Order Value £25.00 - £49.99<br><b>£2.95</b> | Next day<br>by 5:00pm        |
| Ireland<br>Isle of Wight | CadRam Resins<br>ColorSpray   | £250.00                               | £1                                       | 5.00  | 2 - 3 Days                   |
| Isle of Man<br>Jersey    | Films, Bevels<br>Solder, Ancillaries                                | £100.00                               | £15.00                                   |   | 2 - 3 Days                   |
| Export                   | All Products  | £250.00 F.O.B.<br>Under £250 Ex Works | N  | A   | TBA                          |

| Lead Strip* | UK & Ireland | DELIVERY S | URCHARGES | SMALLER VOL | UME ORDERS |
|-------------|--------------|------------|-----------|-------------|------------|
| Quoted      | Volume       | 200 Reels  | 100 Reels | 50 Reels    | 25 Reels   |
| 300 Reels   | 60 Boxes+    | £11.00     | £22.00    | £17.00      | £9.00      |
| 200 Reels   | 40 Boxes     |            | £16.00    | £14.00      | £7.00      |
| 100 Reels   | 20 Boxes     |            |           | £7.50       | £5.00      |
| 50 Reels    | 10 Boxes     |            |           |             | £7.50      |
| 30 Reels    | 6 Boxes      |            |           |             |            |

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\*Please note special surcharges apply at specific volumes for most lead profile customers. Also LME credit or surcharges apply (please ask our sales office for details).



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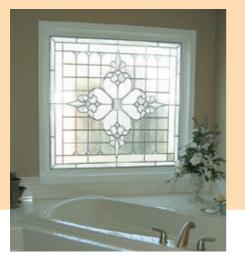


# Decorative Overlay Systems

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<image>



RegaLead products are based on an adhesive overlay system which bonds colour, bevelled glass and lead lines to a single piece of glass or plastic to create stunning leaded-effect looks that offer a number of advantages over the traditional art of leaded glass.

- Lower weight it is a single piece construction and does not require triple glazing
- More design freedom lead lines and support rods are not required for strengthening the panel
- Greater architectural freedom products can be bonded on non-glass products (ideal for ceiling lights and panels)
- Lower cost the system is quick to work with, reducing labour costs considerably



The RegaLead decorative overlay system has been continually developed and improved over the past 30 years and can be seen in a wide range of applications, including:

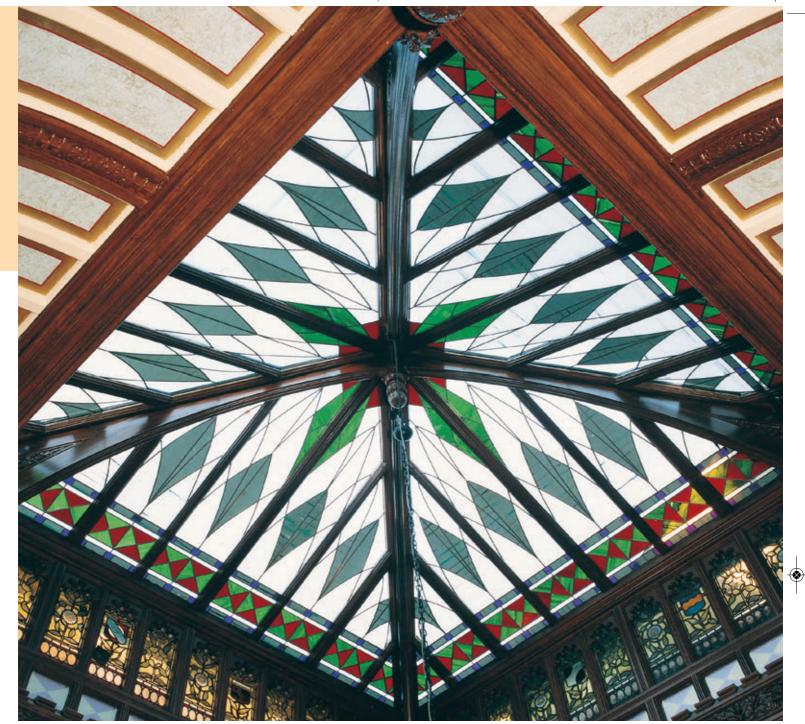
- Windows and doors
- Kitchen cabinets and furniture panels
- Mirrors
- Over-tub windows
- Room dividers
- Ceiling light panels
- Glazed roofs

It is these unique advantages and wide range of possible applications that have resulted in Regalead supplying over a thousand direct and many thousands of indirect customers, in over 75 countries around the world, from Europe and the USA to the Far East and Australia.



Over the past 30 years, the products have been specified for use in bars, restaurants, offices, shopping malls and public buildings - as well as in many millions of homes around the world. RegaLead overlay products are now firmly established as technically proven and the designer's choice in most of the world's leading markets.





Atrium ceiling at The Water Millock, Bolton, UK. Designed and produced by Stained Glass Creations



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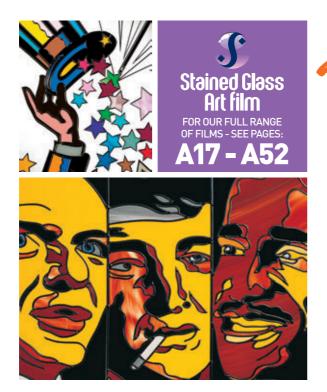




RegaLead profiles to create a traditional glass look with the simple elegance that lead can bring. With the appearance of authentic lead caming, but the added structural and design versatility of our entire Overlay system, our selfadhesive profiles are as popular as they are easy to use.

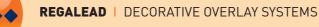
As the UK's leading manufacturer of self-adhesive lead, RegaLead has developed an extensive range of profiles to suit every requirement. Using our unique production technology, we've developed the use of electrophoretic and polyester powder coatings, allowing us to create a fantastic selection of 14 different standard colour options. If that wasn't enough, RegaLead is available in 16 different widths, and 4 different profiles, giving our customers the largest range of self-adhesive leads available on the market today.





eye-catching colour with our Stained Glass Art Film collection with over 350 coloured, patterned and textured film overlays. Versatile enough to be used within insulated glass units, applied to mirrors and even on curved surfaces, our film range allows incredible design freedom and creates stunning effects.

Our Stained Glass Art Films are available in a selection of styles, from plain translucent colours to wisps and metallic effects. We also manufacture clear textured films to replicate the look of patterned or privacy glass. In addition to the films, our printing experts have created a range of pre-printed fanlight designs for conservatories and kitchens. We are also delighted to offer a Digital Art Film service - our bespoke printing facility which can reproduce any design onto film.



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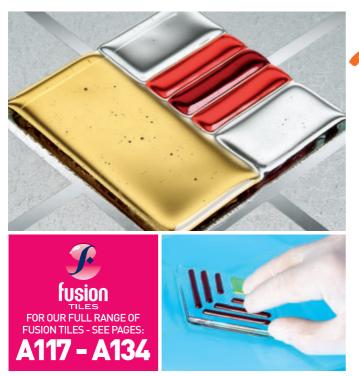
## ...is just that...a plain piece of glass!

By adding colour, pattern, texture, you are adding style, character, individuality and value. Just how, is easy with the options offered by RegaLead.

individual style, colour and appeal with a clear or coloured RegaBevel. Our precision-made bevels are crafted from quality 5mm float glass and feature finely feathered 1.8mm edges so they perfectly fit with our lead profiles.

RegaLead pioneered the use of glass bevels in the UK and our ever-expanding collection is now the most extensive single range available in Europe. Featuring over 500 designs, our beautiful collection includes Dichroic, Multi-Faceted, Glue Chip and Concave bevels in addition to our clear and coloured range. If that wasn't enough, our bespoke bevel manufacturing service can facilitate any possible customer design requirements.





the brilliant simplicity of Fusion Tiles to create a contemporary touch of style in your decorative designs. We've made the luxury of stunning fused glass affordable, while still maintaining the traditional techniques used to make it.

With the most comprehensive collection of fused glass tiles available in the marketplace, RegaLead offers the best selection of styles and applications. These include tiles made from Spectrum's artistic glass, traditional Murano glass from Italy and, as our newest addition, Spanish glass fused with Gold and Silver leaf.

Accentuate the Fusion Tiles with our new collection of stainless steel Inox Elements...the perfect accessory. See the full range on pages A133 - A136.



# **Marketing Support**

RegaLead can now offer the widest range of marketing materials to help our customers effectively sell our decorative overlay products. All our catalogues and swatches have been specifically designed to ease the sales process, and many of them are now available with your own branding.

For customers who are looking to create their own brochures, we now have a library of thousands of images which can be supplied. Alternatively, our marketing partners at Refresh Media Design can develop catalogues, marketing and websites at specially negotiated prices.

### Lead Swatches

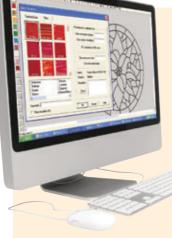
Lead swatch cards have a small sample of every lead colour and lists the widths and

profiles available for each. They are available with either RegaLead or customised branding.

Lead Swatch Card (Complete) £1.50

Self-assembly lead Swatches. Includes: 150 Cards, 10m x 4.5mm of each 13 lead colours £75.00

Own-branded lead Swatches for self-assembly. Includes: 150 Cards, 10m x 4.5mm of each 13 lead colours and artwork charges £165.00



# Regalead Take the Lead

## **Design Software**

For use with all our overlay products, GlassEye 2000R is a customised CAD drawing package specifically developed for designing overlay and traditional stained glass.

For more information on GlassEye and other design software options, please refer to Section F.

## **Stained Glass** Art Film

Swatches: Swatches are printed onto clear acetate, clearly showing the opacity level of the film, with the individual pieces measuring 115mm x 60mm. Fan swatches of the complete catalogue of films are available as a set or individually. Additionally, we can produce customer branded covers and backs with up to 100 colours.

Samples: Our samples service allows you to select individual film pieces which can be used to indicate colour clarification, style and reference for your customer.

500 & 600 Series

| Full Swatch Set<br>£15.00        |
|----------------------------------|
| Translucent<br><b>£3.50</b>      |
| 100 & 200 Series<br><b>£3.50</b> |
| 300 & 400 Series<br><b>£3.50</b> |

£3.50 Embossed Background £2.50 Swatch piece holders (50 Pack)

£9.50

#### Film CD (Glass-Eye)

High-quality images of all Stained Glass Art Film in Jpeg format for incorporating into Glass Eye software or website/brochure development.



# Custom

Swatches Set-up charge: £1.50 per swatch. Pieces: 6p each. Eq. 60 piece swatch: £1.50 set-up + 60 x 6p = £5.10 each.

Minimum order is

25 sets.

**REGALEAD** | DECORATIVE OVERLAY SYSTEMS

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## Decorative Options Brochure | 40 Page

Packed full of design ideas for fanlights, trailing bays, doors and windows, our latest brochure highlights how to make the best of our overlay products. Featuring fantastic photography, in-situ shots and easy-to-follow coding systems, it is the 'definitive' guide for overlay decorative glass.

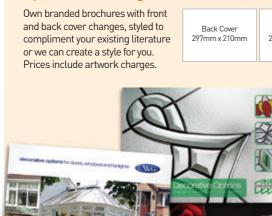
We also offer customised overprinting for our 'Decorative Options' brochure, with either full page or wrap covers.

# 100 ate Bevel Designs

#### **Option 1** I Full Page Covers

1000 Brochures

£775.00



2000 Brochures

£1150.00

£1500.00

#### Option 2 | Wrap Covers



Prices are converted at the appropriate rate into Euros or US Dollars on the day of purchase



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RegaLead **Branded Covers** 40p each

**REGALEAD** | DECORATIVE OVERLAY SYSTEMS

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## **Training Support**

With over 30 years experience in producing Overlay materials and our own decorative glass production business based in Scotland, we can offer training and support second to none. Training customers has been at the core of our business philosophy since we began and our commitment to this business model has never waned.

We now have a fully equipped training facility at our Manchester site and employ a full-time glass designer and trainer, whose role is to assist customers in getting the most from the fantastic RegaLead range.





For customers who are looking to start using our products in a more mass production environment, our Decorative Door Products division in Hawick, Scotland can offer practical training and advise on best practice, how to gain production efficiencies and working with insulated glass.

We appreciate that not all customers can, or will want to come to us for training, so we offer on-site training anywhere in the world either via our network of distributors and agents, or with our UK based staff.

#### **Technical Support**

As well as offering practical advice on the application of our products, we also provide a full range of technical support and data to support international standards:



Photo courtesy of British Standard Institute

All RegaLead overlay products have been extensively tested to the requirements of EN1279 and we can provide certificates of conformity for volatile content and sheer and adhesion testing. We work closely with UK-based consultants, CEN Solutions, who can assist customers in meeting the requirements of this standard.

#### **Canadian Fog Box Test**

EN1279

RegaLead profiles have been successfully tested via CanBest to the exacting requirements of the 2189 Fogging Test for the USA and Canada.

#### **Pilkington Active Compatible**

RegaLead profiles and UV adhesives have been approved by Pilkington for use on their Activ™ coated glass surface.



# LEAD PROFILES

RegaLead is the UK's leading manufacturer of self-adhesive lead profiles, producing in excess of 30 million metres per year! With 13 finishes and widths ranging from 2mm to 22mm, we've a choice of profiles to suit every requirement.



**REGALEAD** | DECORATIVE OVERLAY SYSTEMS





Our self-adhesive profiles are made with 99.5% pure lead, modified with a small amount of antimony to improve weathering performance and surface polish. Every profile has a high-performance, pressure sensitive, acrylic adhesive which makes them suitable for permanent application to both interior and exterior glass surfaces in both single and double glazed units.

The lead is manufactured to ISO 9001:2008 quality standards, and additional weather and age testing to ASTM G154-06 standards has been conducted on the coated leads.

We've created 13 colour options which are split into 3 categories: Natural, Electrophoretic Coated and Powder Coated.



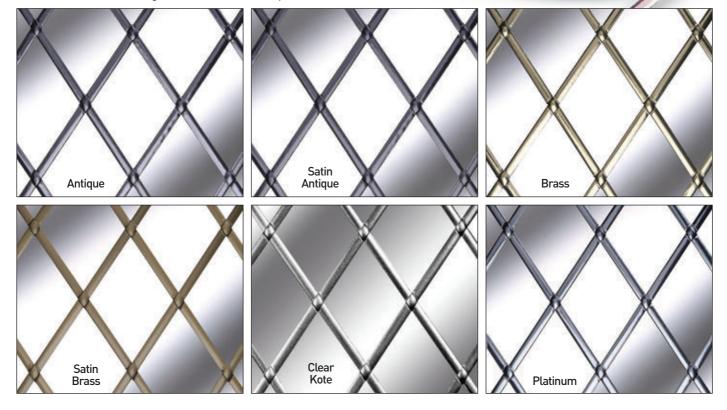
#### Natural

Our Natural Lead has no coating and will oxidise over time to give the weathered look of traditional old leaded windows. It is possible to solder natural lead.

#### **Electrophoretic Coated**

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We were the first supplier to develop the use of electrophoretic coatings for lead, and have created our own unique production technology which gives a clean, even and fine finish to the lead surface. Suitable for exterior use, our range comprises of Antique, Platinum, Clear Kote and Brass with the standard gloss finish, and Satin Antique and Satin Brass with a satin finish.

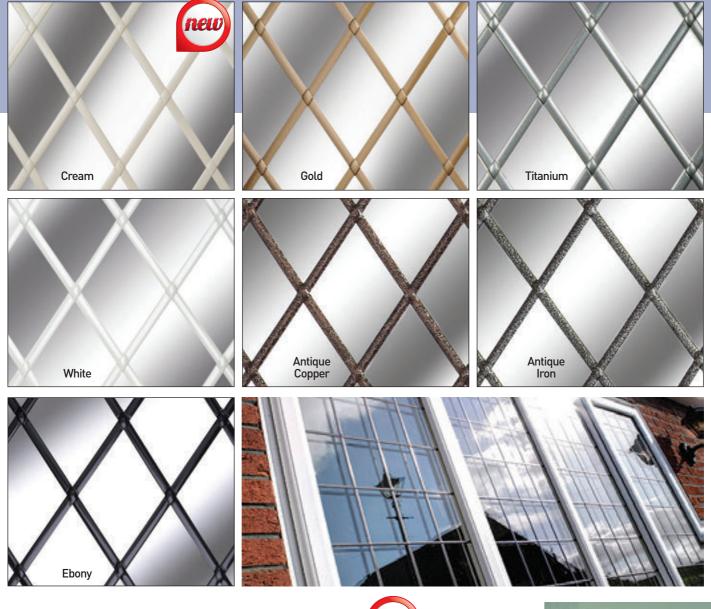


**REGALEAD** | DECORATIVE OVERLAY SYSTEMS

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#### **Powder Coated**

Our newest finish, polyester powder coating, offers significant resistance to scratching, but is not guaranteed for exterior use. This finish is available in White, Chrome, Titanium and Gold, in addition to Antique Iron and Antique Copper, which showcases the unique hammered effect we've created. We can also create special colours if required and minimum volume is 600 reels (4.5mm)



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#### **Custom Colours**

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With our powder coating technology, it is now possible to produce custom colours of lead profiles in economical volumes. We offer a full range of RAL colours and specialist metallic effects from Akzo Nobel, the world leader in powder coating technology. Minimum volumes for a specialist colours are:





**REGALEAD** | DECORATIVE OVERLAY SYSTEMS

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#### Lead Sizes

To complement the large selection of colour options, our lead is available from 2mm to 22mm and comes in three distinct shapes: Oval, Flat and Heritage.

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#### **Oval and Flat Profiles**

#### 15mm, 18mm and 22mm

Popular for creating rectangular lead styles on larger areas or for backing-up of face-fixed Georgian/Muntin bars.

#### 9mm and 12mm

Used mainly for straight line leading styles or as a border.

#### 6mm

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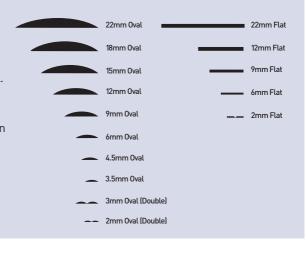
The perfect width for leading around glass bevels and borders.

#### 3.5mm and 4.5mm

Popular widths for use with Stained Glass Art Film and for detailed work.

#### 2mm and 3mm

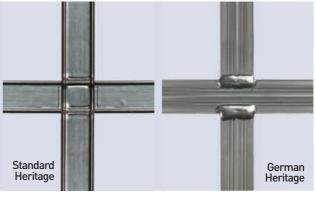
These leads are supplied 'kiss-cut' in easy to split double strands and are commonly used for fine detailed applications.



#### **Heritage Profiles**

Our Heritage profile lead is used to match traditional lead caming and is often used on historic buildings. The Heritage lead has raised 'ridges' on either side of a flat profile and is designed to be used in grid patterns. Heritage lead is available in the following sizes:

| Standard Heritage |      |
|-------------------|------|
|                   | 22mm |
|                   | 16mm |
|                   | 12mm |
|                   | 9mm  |
| German Heritage   |      |
|                   | 20mm |
|                   | 12mm |
|                   | 6mm  |









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# Lead Profile Availability



|                        |   | <b>2mm</b><br><b>Oval</b><br>50m<br>(25x2) | <b>2mm</b><br>Flat<br>30m<br>(15x2) | <b>3mm</b><br><b>Oval</b><br>50m<br>(25x2) | <b>3.5mm</b><br>Oval<br>25m | <b>4.5mm</b><br>Oval<br>50m <sup>#</sup> | 6mm<br>Oval<br>50m† | 6mm<br>Flat<br>50m | 9mm<br>Oval<br>50m†* | 9mm<br>Flat<br>50m | <b>12mm<br/>Oval</b><br>45m* | <b>12mm</b><br>Flat<br>50m | <b>15mm</b><br>Oval<br>50m | <b>18mm</b><br>Oval<br>50m | <b>22mm</b><br>Flat<br>50m | <b>22mm</b><br>Oval<br>50m |
|------------------------|---|--|-------------------------------------|--|-----------------------------|--|---------------------|--------------------|----------------------|--------------------|------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
|                        | Natural                                   | -  | •                                   | -  | -                           | •  | -                   | •                  |                      | •                  | -                            | -                          | -                          | -                          | •                          | -                          |
| Electrophoretic Coated |   |  |                                     |  |                             |  |                     |                    |                      |                    |                              |                            |                            |                            |                            |                            |
| and the second second  | Brass                                     | •  | •                                   | -  | •                           | •  | •                   | •                  | -                    | •                  | •                            |                            |                            |                            |                            |                            |
| and a start of a       | Satin Brass                               |  |                                     | •  | •                           | •  | •                   |                    | •                    |                    |                              |                            |                            |                            |                            |                            |
|                        | Antique                                   | •  | -                                   | -  | -                           | •  | -                   | •                  | -                    | •                  | -                            | -                          | -                          | -                          | •                          | -                          |
|                        | Satin Antique                             |  |                                     |  |                             | •  | •                   |                    | -                    |                    |                              |                            |                            |                            |                            |                            |
|                        | Platinum                                  |  | •                                   | •  | •                           | •  | •                   | •                  | •                    | •                  | •                            |                            | •                          | •                          |                            |                            |
|                        | ClearKote                                 |  |                                     |  |                             |  |                     |                    |                      |                    |                              |                            |                            |                            |                            |                            |
|                        |   |  |                                     |  |                             |  |                     |                    |                      |                    |                              |                            |                            |                            |                            |                            |
| Powder Coated          |   |  |                                     |  |                             |  | Interior appli      | ications only      |                      |                    |                              |                            |                            |                            |                            |                            |
| Powder Coated          | White                                     |  |                                     |  | •                           |  |                     | ications only      |                      |                    | •                            |                            | •                          | •                          |                            |                            |
| Powder Coated          | White<br>Titanium                         |  |                                     |  | •                           |  | Interior appli      | ications only      |                      |                    | •                            |                            | •                          | •                          |                            |                            |
|                        |   |  |                                     |  |                             | •  | Interior appli      | cations only       | •                    |                    | •                            |                            | •                          | •                          |                            |                            |
|                        | Titanium                                  |  |                                     | •  | •                           | •  | Interior appli      | cations only       | •                    |                    | •                            |                            | •                          | •                          |                            |                            |
|                        | Titanium<br>Cream                         |  |                                     |  | •                           | •  | Interior appl       | ications only      | •                    |                    | •                            |                            | •                          |                            |                            |                            |
|                        | Titanium<br>Cream<br>Gold                 |  |                                     |  | •                           | •  | Interior appl       | cations only       | •                    |                    |                              |                            |                            |                            |                            |                            |
|                        | Titanium<br>Cream<br>Gold<br>Antique Iron |  |                                     |  | •                           | •  | Interior appli      | ications only      | •                    |                    |                              |                            |                            |                            |                            |                            |

+ Also available in 10m and 25m reels by special order. \* Also available in 100m reels by special order.





# **Technical Information**

#### Lead Oxidisation

Like many natural materials, lead is subject to an atmospheric transformation when exposed to the environment. This process, called Oxidisation, is entirely natural and eventually causes the lead to adopt a 'weathered' appearance like that found in traditional stained glass windows.

#### Why does oxidisation occur?

When lead is exposed to environmental factors, particularly rain or snow, compounds within the metal react to form a natural, nonporous surface coating. This protects the lead by preventing any further reactions with the atmospheric conditions. It is this natural protective barrier, called a patina, that gives the traditional look.

#### **Factors affecting oxidisation**

There is no way to tell how quickly oxidisation will occur. The main influencing factors include time of year, weather conditions, location, environment and airborne contaminants.

#### The process of oxidisation

Several temporary effects are visible during oxidisation and are most noticeable in the initial stages. The lead can take on the appearance of several different colours, often looking bronze, blue, gold and green, creating a similar effect to that of oil on a wet road. This is a natural part of the process and the colours will gradually fade.

Another common part of the oxidisation process is the appearance of discolouration, spotting and white powdery deposits. This occurs when the lead first comes into contact with water. Like the colour changes, this part of the process is natural and temporary. However, as the white powder can often run during wet weather, it is sensible to wipe it off occasionally to stop it staining the glass or the window frames.

#### **Treating the lead**

There is no need to treat the lead as the process will occur naturally. However, Patination Oil can be applied to prevent any discolouration or blemishes in the early stages. Additionally, this controls the process by encouraging the patina to form more quickly. When using Patination Oil, it is important to apply it as soon as the lead profile is installed, as once the natural process starts, and any blemishes appear, it will be too late to use it.

For more information and to see our Patination Oil product range, please see page A146.

#### **Technical Specifications**

Colour options available can be split into 3 categories:

**Natural Lead** has no coating and will oxidise over time to give the 'weathered look' of traditional old leaded windows. To improve the performance of natural lead, we recommend using patination oil. It is possible to solder natural profiles.

**Coated Leads** use advanced pigmented polymers to create the extra colour options in Brass, Satin Brass, Antique, Satin Antique, Ebony and Platinum. These coatings also provide additional weather resistance and retain their appearance for many years.

**Polyester Powder Coating** gives the White, Gold, Chrome, Titanium, Antique Iron and Antique Copper their colour and these finishes are recommended for interior applications only as they offer limited weather resistance.

For further technical information, visit the brochures/data sheets section of our website www.regalead.com and download technical data sheets TDS01, TDS02, TDS04 and TDS24.

#### **Health and Safety**

It is recommended that you follow health and safety precautions when working with and handling lead. The Lead Health and Safety data sheet, published by the Health and Safety Executive can be downloaded from: www.hse.gov.uk see publications/ free leaflets/lead.

For California residents title 22, article 6 (proposition 65) on Clear and Reasonable Warnings should be followed.





# **DECORATIVE FILMS**

With over 350 colours and a range of special effects, Stained Glass Art Film is our collection of printed and embossed overlay film materials. Stunning and practical results can be achieved whether it's privacy, light diffusion or just beautiful decorative glass. Our Digital Art Film service, Pre-printed Fanlights and View to Nature transfers beautifully complement our Stained Glass Art Film Range.



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# **Stained Glass Art Film**

Only the finest quality, polyester-based materials and UV stable inks are used in the making of Stained Glass Art Film. Guaranteed not to fade, crack or de-laminate (ask for a copy of our guarantee), they also feature a three layer construction with built-in UV filters to give them excellent weathering performance. The specially formulated top laminate layer, protects the inks, increases UV resistance and maintains a high level of scratch resistance.

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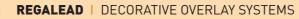
Designs can be created that benefit from over 90% UV filtration when complete coverage of the glass is used. Stained Glass Art Film also acts as a safety film when 100% coverage of untempered glass is used - in accordance with the US safety glass standard ANZI Z97.1-1984.

As these materials have been used throughout the world from the heat of the Australian outback, to the cold of a Russian winter - with no reported failures, we are confident in giving a 10 year guarantee and an estimated life expectancy of over 25 years.





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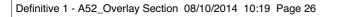


Due to limitations of the printing process, colours may vary from those shown and the true level of opacity cannot be accurately represented. Batch-to-batch variation may also occur. We recommend ordering swatches or samples for a more accurate representation.

#### **REGALEAD** | DECORATIVE OVERLAY SYSTEMS

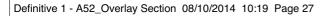


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A21















# **Light Grains**

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Light grains have a pale colour streaked across a clear background and can be used alone, or on top of a plain colour to add depth. **Sheet Size: 460mm x 660mm** 





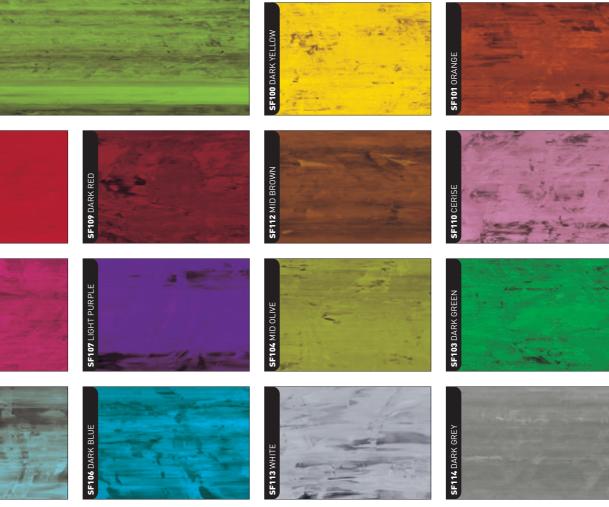




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# **Dark Grains**

Dark Grains have a solid colour base with subtle black streaks. Sheet Size:  $460mm \times 660mm$ 





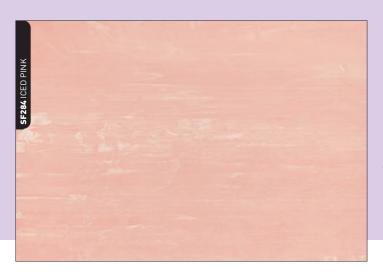
A22

SF108 LIGHT RED

SF111 DARK PINK

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SF105 LIGHT



# White Grains

White Grains are a small selection of opaque colours, with a soft grain effect running through. Sheet Size: 460mm x 660mm



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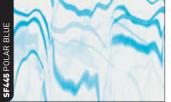
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# **Opaque Ripples**

Opaque Ripples have pale background tones created by the contrasting ripples of colour. Sheet Size:  $460mm\ x\ 660mm$ 







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Due to limitations of the printing process, colours may vary from those shown and the true level of opacity cannot be accurately represented. Batch-to-batch variation may also occur. We recommend ordering swatches or samples for a more accurate representation.

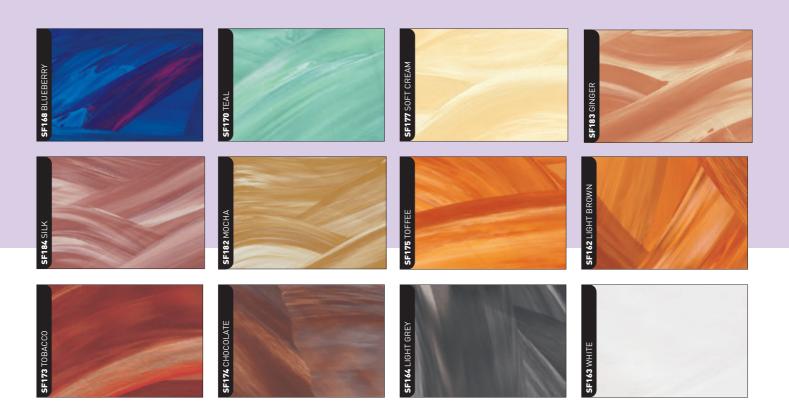




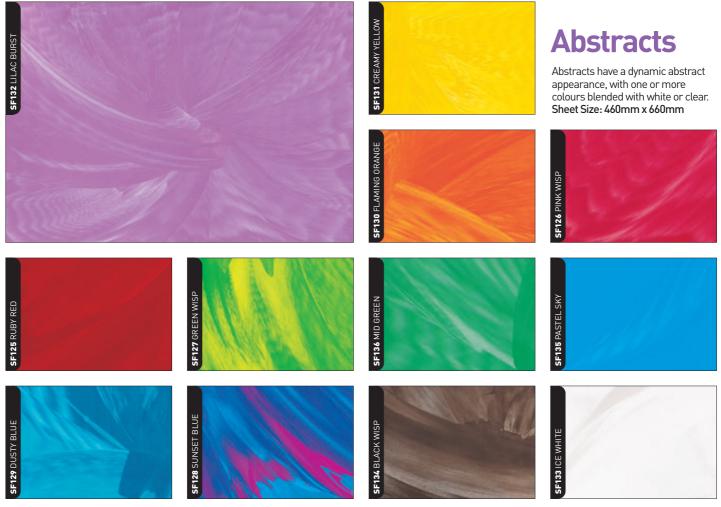
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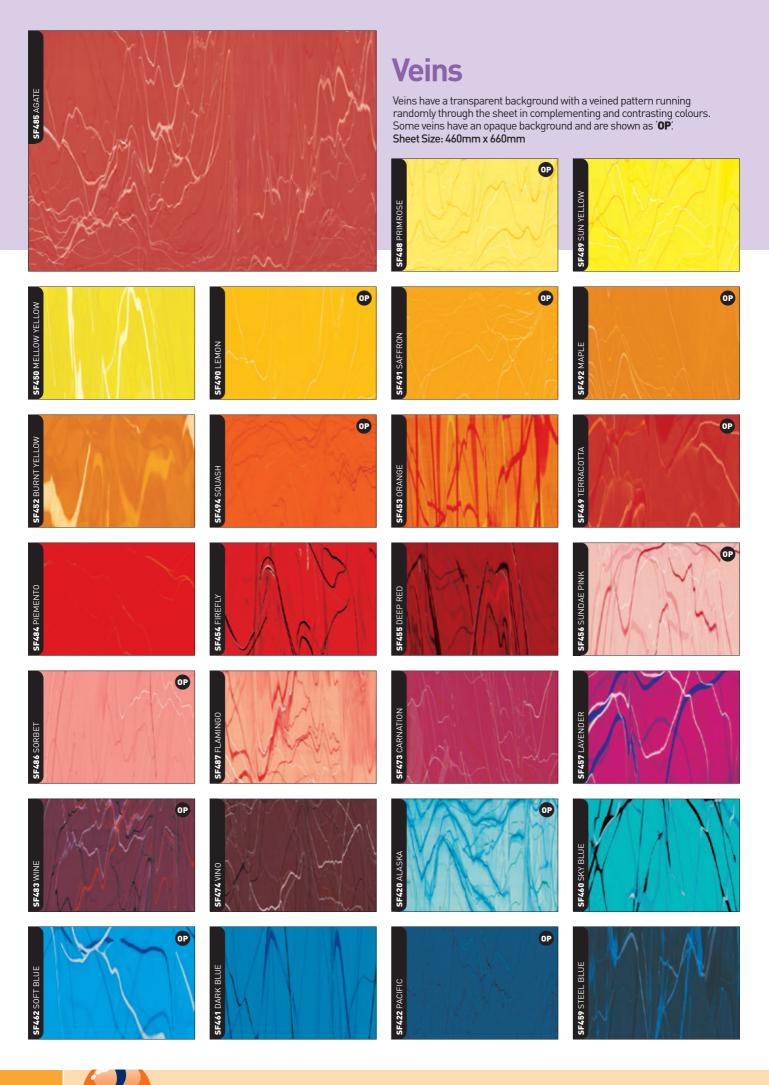
**-**



Due to limitations of the printing process, colours may vary from those shown and the true level of opacity cannot be accurately represented. Batch-to-batch variation may also occur. We recommend ordering swatches or samples for a more accurate representation.

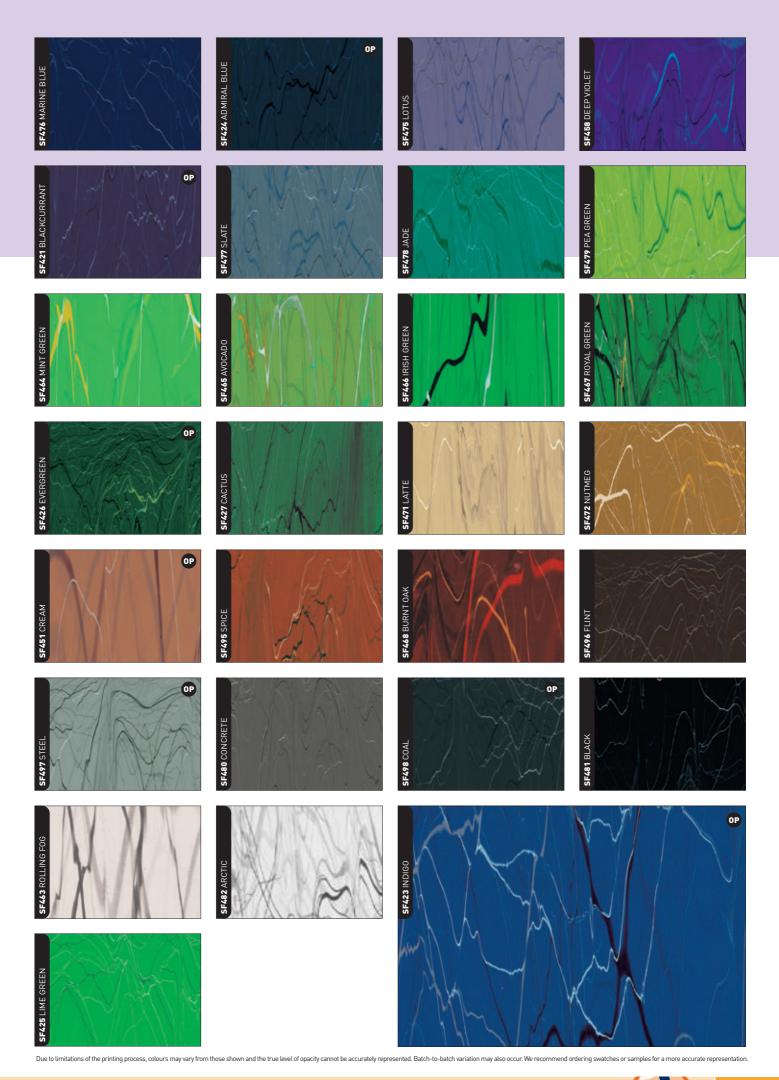


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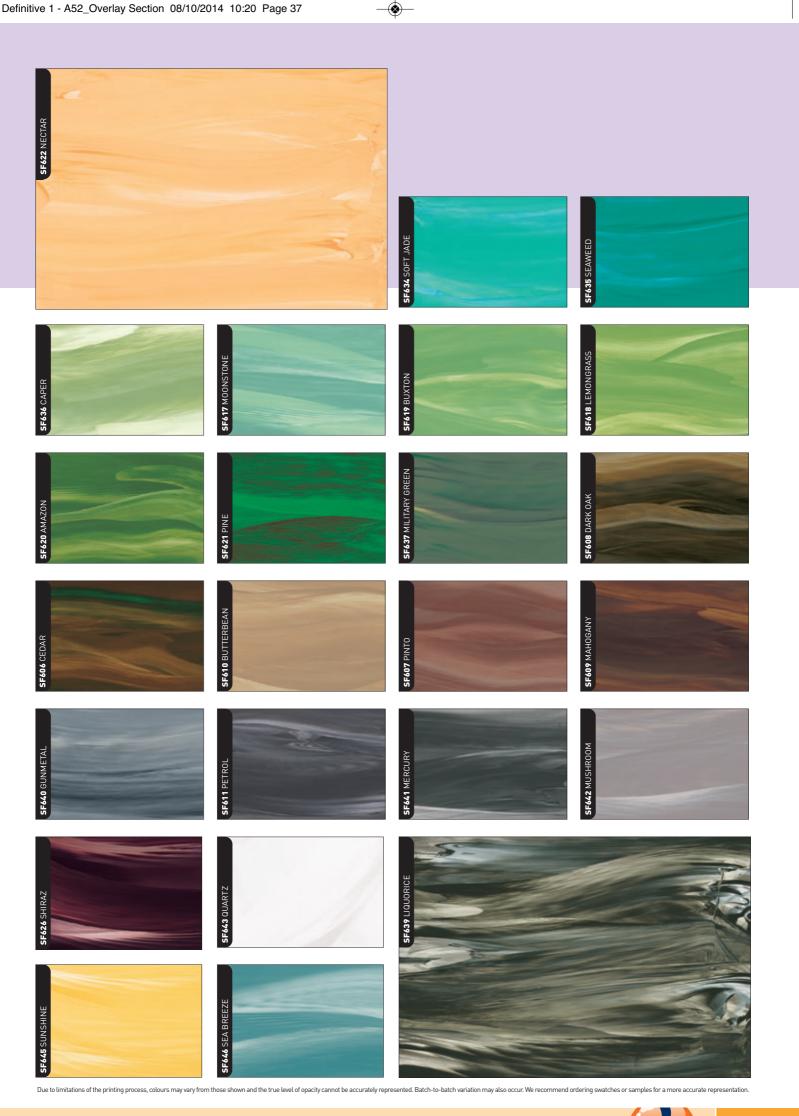
# **Streaky Opaques**

Streaky Opaques are a more traditional patterned film with many shades and tones and varying levels of opacity. Opacity varies throughout this range, the darker colours are less opaque. **Sheet Size: 460mm x 660mm** 



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## **Opaque Soft Grains & Streaky Opaques**

Our latest range of films is the Opaque Soft Grain series, which use complementary graining through traditional muted colours to give a traditional and subtle stained glass look.

With these 12 products, there is a range of matching Opaque Streaky films which use the same base colour but have a more dramatic wispy effect running through them. Sheet Size: 460mm x 660mm

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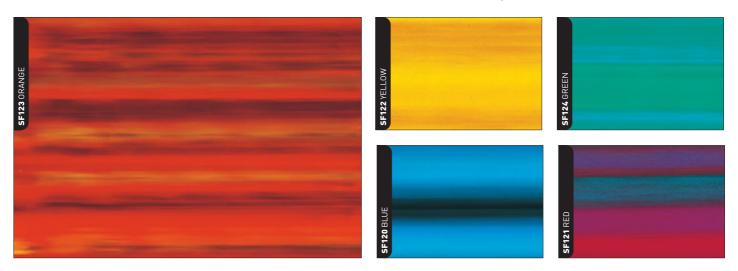
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## **Colour Blends**

Colour blends have horizontal lines of blended colours and are ideal for use where a shaded effect is required. Sheet Size: 460mm x 660mm



Due to limitations of the printing process, colours may vary from those shown and the true level of opacity cannot be accurately represented. Batch-to-batch variation may also occur. We recommend ordering swatches or samples for a more accurate representation.

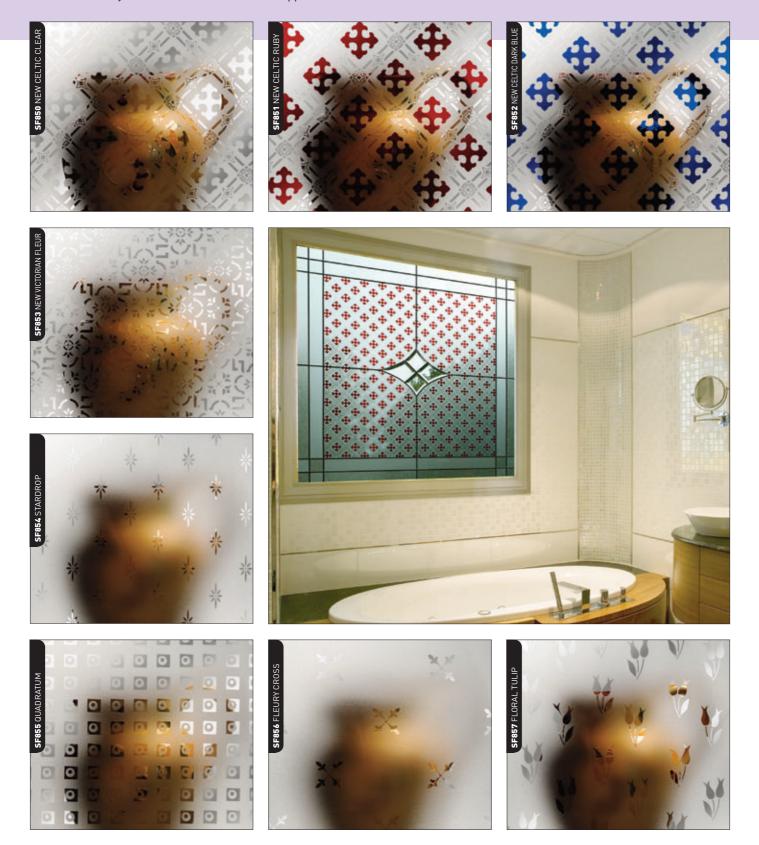


A33



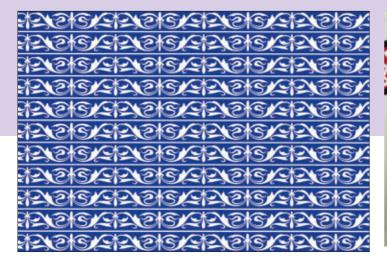
Our range of Etched Patterned backgrounds use the latest printing techniques to give a genuine looking, etched-effect which provides high levels of obscurity, whilst still allowing natural light through. This extended range of 8 stunning effects are based on Victorian and Edwardian etched glass styles and work fantastically well in both window and door applications. To allow for larger area coverage, these products are available in larger format. Sheet Size: 960mm x 660mm

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Our range of borders come in 3 traditional colourways and a neutral etched glass effect and are:





SF900 to SF903: 25mm wide | 25mm repeat | 13 strips per sheet





**NOUVEAU**: 38mm wide | 158mm repeat | 11 strips per sheet



SF909 GREEN NOUVEAU

IONA: 38mm wide | 38mm repeat | 11 strips per sheet







SF908 ETCH NOUVEAU





SF911 ETCH IONA

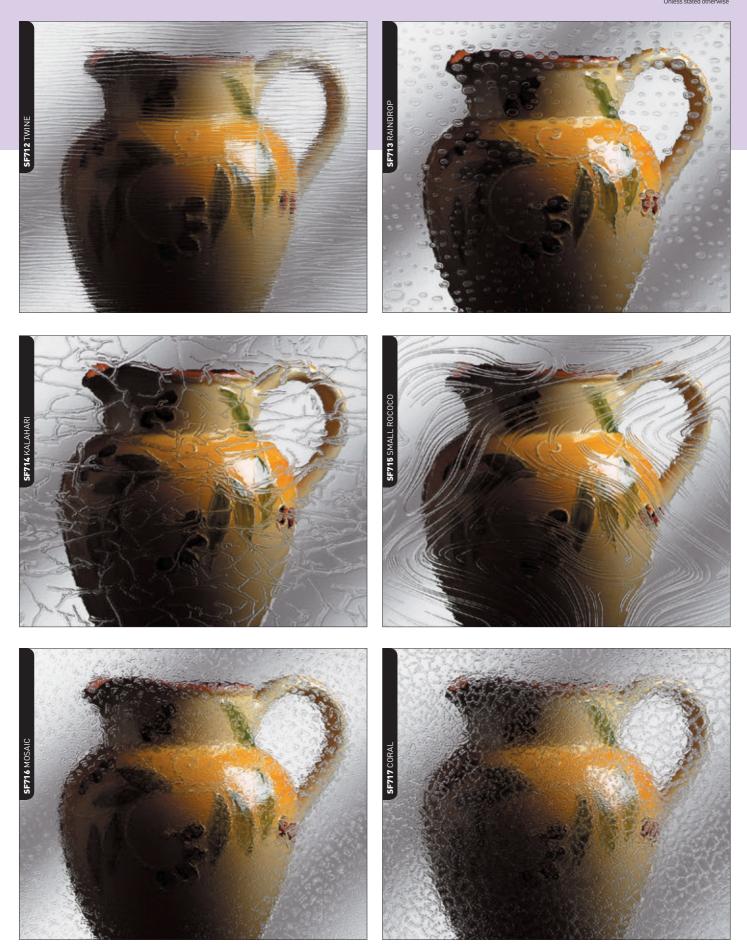




# **Embossed Background Effects**

#### Sheet Size: 510mm x 660mm Unless stated otherwise

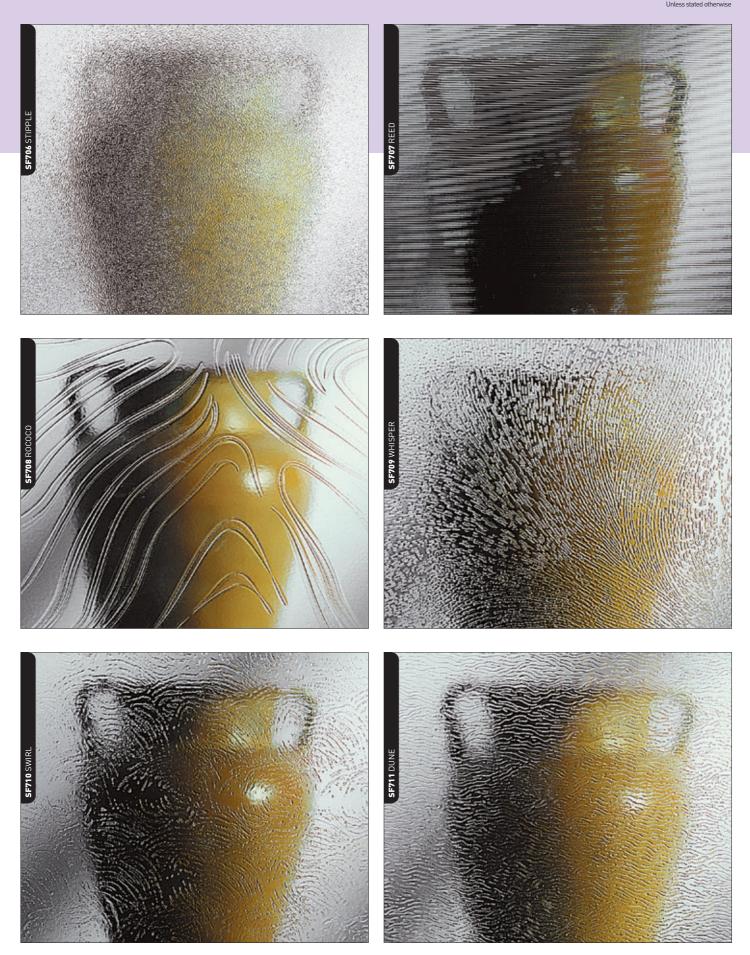
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Sheet Size: 510mm x 660mm Unless stated otherwise



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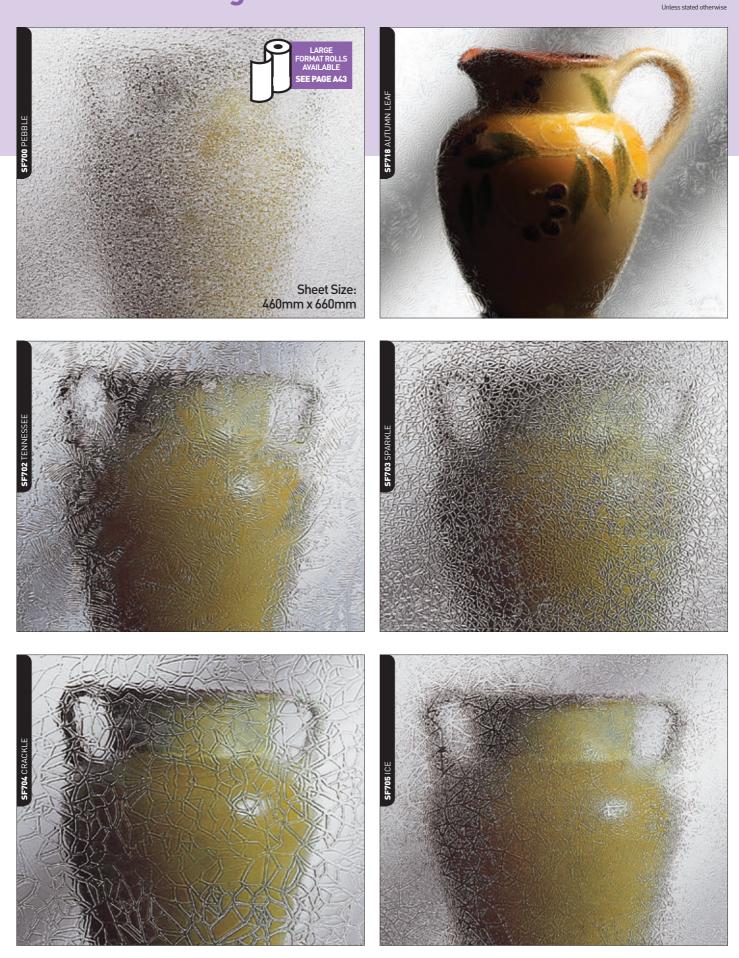
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## **Embossed Background Effects**

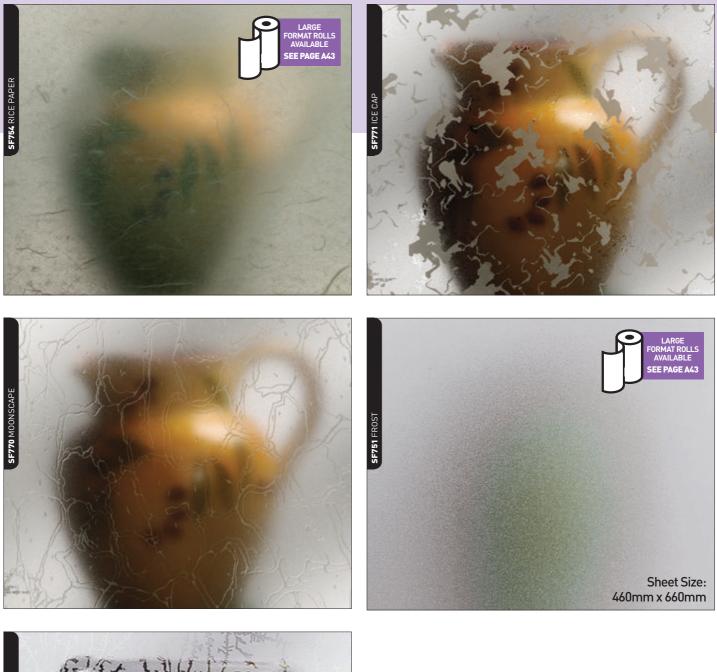
#### Sheet Size: 510mm x 660mm



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# **Printed Background Effects**

Sheet Size: 500mm x 680mm Unless stated otherwise



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# **Printed Background Effects**

Sheet Size: 500mm x 680mm Unless stated otherwise

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Sheet Size: 500mm x 680mm Unless stated otherwise



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# **Printed Background Effects**

Sheet Size: 500mm x 680mm

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Sometimes, standard sized sheets of Stained Glass Art Films are not quite big enough for the design you have envisaged, which can cause a problem. Now that problem is solved with our extended range of textured films, available in larger format rolls. With 12 products to choose from and all manufactured to the same exacting standards as our standard sheets, you will be spoilt for choice.

| Product<br>SF 700M            | Width | Max Length | Priced   | Min Order |
|-------------------------------|-------|------------|----------|-----------|
| Pebble                        | 686mm | 100mtr     | by metre | 10mtr     |
| SF 751M<br>Frost              | 686mm | 100mtr     | by metre | 10mtr     |
| SF 752M<br>Mississippi        | 686mm | 1450mm     | by sheet | 1 sheet   |
| SF 758M<br>Double Mississippi | 686mm | 1450mm     | by sheet | 1 sheet   |
| SF 754M<br>Rice Paper         | 920mm | 30mtr      | by metre | 5mtr      |













## **Digital Art Film**

Our custom printed Digital Art Film service opens up a whole new area of glass decoration and can be used either in conjunction with our Overlay materials, or on its own for transforming plain glass into an artistic canvas.

Our Digital printing service uses the same high quality base materials that we use in our Stained Glass Art Film range and the use of the latest UV printing technology gives a long lasting UV stable product that can be used in external applications.

We offer the option of either clear laminate or a frosty effect laminate where higher levels of obscurity may be required.



\* Most online image libraries will have copyright terms that need to be adhered to and it is the responsibility of the customer to determine whether the use of the image infringes these terms.

\*\* We can purchase images for customers but this will attract a 20% surcharge above the published price.





Create a design from a photograph, artwork file or alternatively choose from one of the online libraries like www.istockphoto.com\* or www.gettyimages.com\*



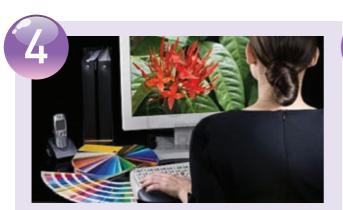
Send us the file along with the size and laminate specification required. We accept JPEG, TIFF and .EPS files \*\*



Order confirmation will be returned for signing along with price. Please return ASAP as we cannot start production until this is received.

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Our specialist design team will then convert your file into a format that is compatible with our printing equipment.



Digital Art Film can be applied either wet or dry using the same methods as our Stained Glass Art Film .



We will then print your design on our high quality, wide format UV printer and then laminate with either a clear or frost laminate.



Completed film will be ready for despatch within 10 working days of order confirmation.



It may be necessary with designs containing high levels of white, to back spray or apply white film to the rear to achieve the clarity, opacity and crispness required.

### Pricing

**440 x 660mm:** Our standard sheet size is the most cost effective and is the minimum size possible. We recommend printing multiple images on the sheet if the design is smaller than the minimum sheet size. **£35.00/sheet** 

**960 x 660mm:** Our oversized sheet size is ideal for many applications including cooker splashbacks and as with our standard sheet we recommend multiple images to fill the sheet. **£65.00/sheet** 

Wide Format: we can print designs up to 1220mm wide with any length. £125.00/m<sup>2</sup>

Please Note: Artwork conversion charges of £35 will be applied to all orders.



#### **REGALEAD** | DECORATIVE OVERLAY SYSTEMS

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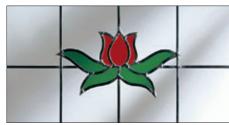


Adding a leaded coloured glass design to a fanlight is now easy to achieve with our range of pre-printed transfers. These traditional designs not only offer style, but also simplicity. Choose from an attractive array of floral or traditional motifs to imbue windows or fanlights with a subtle, yet striking refinement.

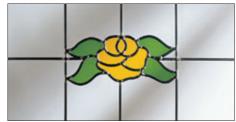
Each pre-printed fanlight design comes as an easy-to-use transfer, helpfully marked where our self-adhesive lead needs to be applied. They are carefully prepared using a high specification, colour-stable polyester film with built-in UV inhibitors and are equally effective when applied to clear or patterned glass.

While we believe we've created a complete and beautiful collection, our bespoke printing service can make any design, or alter existing ones, to add a unique character to any fanlight.





RTF 8 | MOTIF SIZE: 168 x 146mm



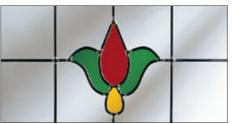
RTF 12 | MOTIF SIZE: 265 x 114mm



RTF 16 | MOTIF SIZE: 280 x 205mm



RTF 10 | MOTIF SIZE: 265 x 114mm



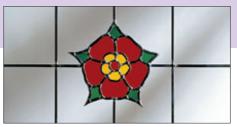
RTF 13 | MOTIF SIZE: 205 x 210mm



RTF 17 | MOTIF SIZE: 200 x 160mm



RTF 2 | MOTIF SIZE: 298 x 180mm



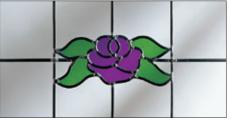
RTF 3 | MOTIF SIZE: 203 x 190mm



RTF 4 | MOTIF SIZE: 299 x 160mm



RTF 6 | MOTIF SIZE: 203 x 190mm



RTF 11 | MOTIF SIZE: 265 x 114mm



RTF 14 | MOTIF SIZE: 194 x 146mm



RTF 18 | MOTIF SIZE: 164 x 132mm

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**REGALEAD** | DECORATIVE OVERLAY SYSTEMS



RTF 19 | MOTIF SIZE: 176 x 176mm



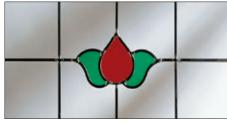
RTF 22 | MOTIF SIZE: 135 x 142mm



RTF 25 | MOTIF SIZE: 192 x 112mm



RTF 28 | MOTIF SIZE: 192 x 112mm



RTF 31 | MOTIF SIZE: 180 x 120mm



RTF 34 | MOTIF SIZE: 128 x 142mm

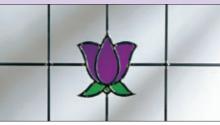


RTF 40 | MOTIF SIZE: 168 x 172mm



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**RTF 20** | MOTIF SIZE: 135 x 135mm



RTF 23 | MOTIF SIZE: 135 x 142mm



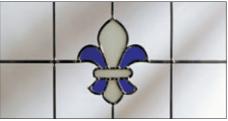
RTF 26 | MOTIF SIZE: 232 x 104mm



RTF 29 | MOTIF SIZE: 232 x 104mm



RTF 32 | MOTIF SIZE: 180 x180mm

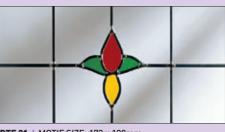


RTF 36 | MOTIF SIZE: 150 x 185mm

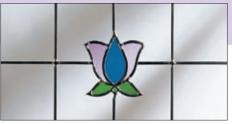


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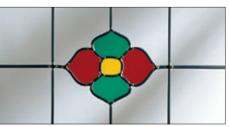
RTF 41 | MOTIF SIZE: 168 x 172mm



RTF 21 | MOTIF SIZE: 172 x 188mm



RTF 24 | MOTIF SIZE: 135 x 142mm



RTF 27 | MOTIF SIZE: 200 x 160mm



RTF 30 | MOTIF SIZE: 138 x 130mm



RTF 33 | MOTIF SIZE: 236 x 148mm



RTF 38 | MOTIF SIZE: 168 x 172mm



RTF 42 | MOTIF SIZE: 168 x 172mm



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## **View to Nature**

A beautifully unique option for decorating glass, our View to Nature designs are as simple to use as they are striking. With ten classic country scenes to choose from, available in two different sizes, these designs are perfect for creating a charming focus in any kitchen, conservatory or entry door.



Each pre-printed design is created with the same four colour process and UV stable polyester base material that we use to make our Stained Glass Art Film range, with an extra tough laminate layer to protect the stunning designs from scratching and UV rays. As transfers, they are easy to apply and the thick bordered edge makes leading around the design simple.





Climbing Rose

Peacock





| Doors                   | Fanlights  |
|-------------------------|--|
| !                       | <b>DF30</b> 163x125mm  |
| <b>DP22</b> 345 x 245mm | <b>DF32</b> 173 x 125mm  |
| <b>DP25</b> 350 x 260mm | <b>DF35</b> 162 x 123mm  |
| <b>DP18</b> 305 x 260mm |  |
| <b>DP16</b> 360 x 268mm |  |
|                         | <b>DF31</b> 162x124mm  |
| <b>DP14</b> 265 x 355mm | <b>DF24</b> 180 x 135mm  |
|                         | <b>DF29</b> 162x124mm  |
| <b>DP33</b> 350 x 260mm |  |
| <b>DP27</b> 345 x 240mm | <b>DF37</b> 174 x 120mm  |
|                         | DP22 345 x 245mm<br>DP25 350 x 260mm<br>DP18 305 x 260mm<br>DP16 360 x 268mm<br>DP14 265 x 355mm<br>DP33 350 x 260mm |

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Cottage





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## **Price Codes**

| Product<br>Code | Colour<br>Description | Price<br>Band                          |
|-----------------|-----------------------|--|
|                 | PLAIN COLOURS         |  |
| SF1             | MELLOW YELLOW         | A                                      |
| SF2             | DARK YELLOW           | <b>A</b>                               |
| SF3             | LIGHT ORANGE          | <u>A</u>                               |
| SF4             | AMBER                 | <u>A</u>                               |
| SF5             | ORANGE                | <u>A</u>                               |
| SF6             | LEAF GREEN            | A                                      |
| SF7             | KELLY GREEN           | <u> </u>                               |
| SF8             | DARK GREEN            | <u>A</u>                               |
| SF9             | ROYAL GREEN           | <u> </u>                               |
| SF10<br>SF11    |                       | <u> </u>                               |
| SF11<br>SF12    | MOSS                  | —————————————————————————————————————— |
| SF12            | CRYSTAL BLUE          | A                                      |
| SF14            | LIGHT BLUE            | <b>A</b>                               |
| SF15            | SKY BLUE              | —A                                     |
| SF16            | DEEP BLUE             | —— <u>A</u>                            |
| SF17            | PLUM                  | — <u>A</u>                             |
| SF18            | VIOLET                | <u> </u>                               |
| SF18            |                       | A                                      |
| SF20            | LIGHT RED             | —————————————————————————————————————— |
| SF20            |                       | —————————————————————————————————————— |
| SF21            | DEEP RED              | —————————————————————————————————————— |
| SF22            | AUTUMN RED            | A                                      |
| SF24            | LIGHT PINK            | —— <u>A</u>                            |
| SF25            | ROSE PINK             | —————————————————————————————————————— |
| SF25            | MEDIUM PINK           | — <u>A</u>                             |
| SF27            |                       | A                                      |
| SF28            | BLUSH                 | A                                      |
| SF29            | LIGHT TAN             | —————————————————————————————————————— |
| SF30            | RICH TOFFEE           | — <u>A</u>                             |
| SF31            |                       | —A                                     |
| SF32            | WHITE                 | <b>A</b>                               |
| SF33            | ASH GREY              | —————————————————————————————————————— |
| SF34            | DARK GREY             | — <u>A</u>                             |
| SF35            | BLACK                 | — <u>A</u>                             |
| SF36            | CORN                  | A                                      |
| SF37            | VANILLA               | A                                      |
| SF38            | STONE                 | —A                                     |
| SF39            | FLAME                 | — <u>A</u>                             |
| SF40            | SAND                  | <u> </u>                               |
| SF41            | VELVET                | <b>A</b>                               |
| SF42            |                       | <u> </u>                               |
| SF43            | MAUVE                 |  |
| SF44            | APPLE                 | A                                      |
| SF45            | SPEARMINT             | <u> </u>                               |
| SF45            |                       | —— <u>A</u>                            |
| SF47            | NETTLE                | <b>A</b>                               |
| SF48            | SEA SPRAY             | —— <u>A</u>                            |
| SF49            | COOL MINT             | <b>A</b>                               |
| SF50            | METRO                 | —————————————————————————————————————— |
| SF51            | PARMA                 | —————————————————————————————————————— |
| SF52            | CAMEL                 | —— <u>A</u>                            |
| SF53            | BISCUIT               | <b>A</b>                               |
| SF54            | TEAL                  | <u> </u>                               |
| SF55            | BOTTLE                | <b>A</b>                               |
| SF56            | GRASSHOPPER           | <u>A</u>                               |
| SF57            | DAMSON                | <u>A</u>                               |
| SF58            | MERLOT                | <u> </u>                               |
| SF59            | BERRY                 | <b>A</b>                               |
| SF60            | JEANS                 | <b>A</b>                               |
| SF61            | MIDNIGHT              | —— <u>A</u>                            |
| SF62            | BURNT YELLOW          | A                                      |
| SF63            | DEEP VIOLET           | A                                      |
| SF63            | IRISH GREEN           | —————————————————————————————————————— |
| JI 04           |                       |  |
| SF65            | GARDEN GREEN          | Α                                      |

| Product<br>Code | Colour<br>Description | Price<br>Band |
|-----------------|-----------------------|---------------|
| SF67            | MUSTARD               | A             |
| SF68            | ROLLING FOG           | A             |
| SF69            | GRANITE               | <u>A</u>      |
| SF70            | PEACH                 | <u>A</u>      |
| SF71            | LAVENDER              | A             |
| SF72            | GREY BLUE             | A             |
| SF73            | SAPPHIRE              | <u>A</u>      |
| SF74            | AVOCADO               | A             |
| SF75            | TUSCANY               | <u>A</u>      |
| SF76            | PASTEL PINK           | <u>A</u>      |
| SF77            | CERISE                | <u>A</u>      |
| SF78            | KEW GREEN             | <u>A</u>      |
| SF79            | SEA BLUE              | <u>A</u>      |
| SF80            | SMOKE                 | <u>A</u>      |
| SF81            |                       | <u>A</u>      |
| SF82            | GOLDEN YELLOW         | <u> </u>      |
| SF83            | DARK BLUE             | <u> </u>      |
| SF84            | LIGHT GREEN           | <u>A</u>      |
| SF85            | CHARCOAL              | <u>A</u>      |
| SF86            | CRIMSON               | <u> </u>      |
| SF87            | RUSTY BROWN           | <u> </u>      |
| SF88            | DARK BROWN            | <u>A</u>      |
| SF89            | BLOSSOM PINK          | <u>A</u>      |
| SF90            | DEEP AQUA             | <u>A</u>      |
| SF91            | GREY                  | <u>A</u>      |
| SF92            | SKINTONE              | <u>A</u>      |
| SF93            | DORCHESTER            | <u>A</u>      |
| SF94            | CALVADOS              | <u>A</u>      |
| SF95            | SPRING GREEN          | <u> </u>      |
| SF96            | SUNDAE PINK           | A             |
| SF97            | BANANA                | <u> </u>      |
| SF98            | CITY BLUE             | A             |
| SF99            | GRAPE                 | <u> </u>      |
|                 | DARK GRAINS           |               |
| SF100           | DARK YELLOW GRAIN     | В             |
| SF101           | ORANGE GRAIN          | В             |
| SF102           | LIGHT GREEN GRAIN     | В             |
| SF103           | DARK GREEN GRAIN      | В             |
| SF104           | MID OLIVE GRAIN       | В             |
| SF105           | LIGHT BLUE GRAIN      | В             |
| SF106           | LIGHT RED GRAIN       | В             |
| SF107           | LIGHT PURPLE GRAIN    | В             |
| SF108           | LIGHT RED GRAIN       | В             |
| SF109           | DARK RED GRAIN        | В             |
| SF110           | CERISE GRAIN          | В             |
| SF111           | DARK PINK GRAIN       | В             |
| SF112           | MID BROWN GRAIN       | В             |
| SF113           | WHITE GRAIN           | B             |
| SF114           | DARK GREY GRAIN       | В             |
|                 | COLOUR BLENDS         |               |
| SF120           | BLUE BLEND            | в             |
| SF121           | RED BLEND             | <u>_</u>      |
| SF122           | YELLOW BLEND          | <u>_</u>      |
| SF123           | ORANGE BLEND          | <u>_</u>      |
| SF124           | GREEN BLEND           | B             |
|                 | ABSTRACTS             |               |

|       | ABSTRACTS      |   |
|-------|----------------|---|
| SF125 | RUBY RED       | В |
| SF126 | PINK WISP      | В |
| SF127 | GREEN WISP     | В |
| SF128 | SUNSET BLUE    | В |
| SF129 | DUSTY BLUE     | В |
| SF130 | FLAMING ORANGE | В |
| SF131 | CREAMY YELLOW  | В |
| SF132 | LILAC BURST    | В |
| SF133 | ICE WHITE      | В |
| SF134 | BLACK WISP     | В |

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| Code  | Description            | Ban |
|-------|------------------------|-----|
| SF135 | PASTEL SKY             | B   |
| SF136 | MID GREEN              | B   |
|       | SEMI-TRANSPARENT WISPS | I   |
| SF150 | LIGHT YELLOW WISP      | В   |
| SF151 | DARK ORANGE WISP       | B   |
| SF152 | LIGHT GREEN WISP       | B   |
| SF153 | DARK GREEN WISP        | B   |
| SF154 | OLIVE WISP             | B   |
| SF155 | MEDIUM BLUE WISP       | B   |
| SF156 | DARK BLUE WISP         | B   |
| SF157 | LIGHT PURPLE WISP      | B   |
| SF158 | LIGHT RED WISP         | B   |
| SF159 | DARK RED WISP          | B   |
| SF160 | MEDIUM PINK WISP       | B   |
| SF161 | LILAC WISP             | B   |
| SF162 | LIGHT BROWN WISP       | B   |
| SF163 | WHITE WISP             | B   |
| SF164 | LIGHT GREY WISP        | B   |
| SF165 | ANTIQUE YELLOW         | B   |
| SF166 | BUTTERSCOTCH           | B   |
| SF167 | SEA GREEN              | B   |
| SF168 | BLUEBERRY              | B   |
| SF169 | AMETHYST               | B   |
| SF170 | TEAL WISP              | B   |
| SF171 | CORAL WISP             | B   |
| SF172 | SALMON                 | B   |
| SF173 | TOBACCO                | B   |
| SF174 | CHOCOLATE              | B   |
| SF175 | TOFFEE WISP            | B   |
| SF176 | TANGERINE              | B   |
| SF177 | SOFT CREAM             | B   |
| SF178 | COBALT                 | B   |
| SF179 | MARIGOLD               | B   |
| SF180 | SEASHELL               | В   |
| SF181 | PISTACHIO              | B   |
| SF182 | МОСНА                  | В   |
| SF183 | GINGER                 | В   |
| SF184 | SILK                   | В   |
| SF185 | TICKLED PINK           | B   |

|       | LIGHT GRAINS             |   |
|-------|--------------------------|---|
| SF250 | MID ORANGE CLEAR GRAIN   | В |
| SF251 | DARK ORANGE CLEAR GRAIN  | В |
| SF252 | DARK GREEN CLEAR GRAIN   | В |
| SF253 | DARK OLIVE CLEAR GRAIN   | В |
| SF254 | DARK BLUE CLEAR GRAIN    | В |
| SF255 | LIGHT PURPLE CLEAR GRAIN | В |
| SF256 | DARK RED CLEAR GRAIN     | В |
| SF257 | DARK BROWN CLEAR GRAIN   | В |
| SF258 | LIGHT GREY CLEAR GRAIN   | В |
| SF259 | BLACK CLEAR GRAIN        | В |
|       |                          |   |

| WHITE GRAINS |                  |   |  |
|--------------|------------------|---|--|
| SF280        | BANANA CREAM     | В |  |
| SF281        | PEPPERMINT CREAM | В |  |
| SF282        | KORMA            | В |  |
| SF283        | CORNFLOWER       | В |  |
| SF284        | ICED PINK        | В |  |

|       | SEMI-OPAQUE WISPS |   |
|-------|-------------------|---|
| SF300 | CUSTARD           | C |
| SF301 | PAPAYA            | C |
| SF302 | ISLAND SUN        | C |
| SF303 | LOBSTER           | C |
| SF304 | CANDY             | C |
| SF305 | SCOTCH MIST       | C |
| SF306 | LIPSTICK          | C |
| SF307 | CRANBERRY         | C |

| Product<br>Code | Colour<br>Description             | Price<br>Band |
|-----------------|-----------------------------------|---------------|
| SF308           | MULBERRY                          | С             |
| SF309           | DENIM                             | C             |
| SF310           | ORIENTAL BLUE                     | C             |
| SF311           | VIVA                              | <u>C</u>      |
| SF312           | OCEAN                             | <u> </u>      |
| SF313           | BASIL                             | <u> </u>      |
| SF314<br>SF315  |                                   | <u>c</u>      |
| SF316           | STORM                             | <u> </u>      |
| SF317           | FUDGE                             | <u> </u>      |
| SF318           | CONKER                            | C             |
| SF319           | COCOA                             | C             |
| SF320           | PARMA VIOLET                      | C             |
| SF321           | EMERALD ISLE                      | <u> </u>      |
|                 | OPAQUE SOFT GRAINS                |               |
| SF350           |                                   | B             |
| SF351           | BUTTER GRAIN                      | <u>B</u>      |
| SF352           | FAWN GRAIN                        | <u>B</u>      |
| SF353<br>SF354  | CIDER GRAIN<br>MOJITO GRAIN       | <u>B</u>      |
| SF355           | CARDAMOM GRAIN                    | — <u>B</u>    |
| SF355           | OCEAN BLUE GRAIN                  |               |
| SF357           | BELL HEATHER GRAIN                | <u>B</u>      |
| SF358           | BLUSH PINK GRAIN                  | В             |
| SF359           | FIRESTONE GRAIN                   | В             |
| SF360           | BRUISED RED GRAIN                 | В             |
| SF361           | SHADOW GREY GRAIN                 | В             |
|                 | 3 COLOUR WISPS                    |               |
| SF400           | PONCHO                            | C             |
| SF401           | PURPLE HAZE                       | С             |
| SF402           | RAINBOW                           | <u>C</u>      |
| SF403           | STRAWBERRY ICE                    | <u> </u>      |
| SF404           | CAMOUFLAGE                        | <u> </u>      |
| SF405<br>SF406  | BONFIRE                           | <u> </u>      |
| SF406           | ATLANTIS<br>RAINFOREST            |               |
| SF407           | VENUS                             | <u> </u>      |
| SF409           | CINDER                            | <u> </u>      |
|                 | VEINS                             |               |
| SF420           | ALASKA                            | D             |
| SF421           | BLACKCURRANT                      | D             |
| SF422           | PACIFIC                           | D             |
| SF423           | INDIGO                            | D             |
| SF424           | ADMIRAL BLUE                      | D             |
| SF425           |                                   | <u>D</u>      |
| SF426           | EVERGREEN                         | <u>D</u>      |
| SF427           | CACTUS                            | D             |
| 65//0           |                                   |               |
| SF440<br>SF441  | ARMALADE<br>CARAMEL               | <u>D</u>      |
| SF441<br>SF442  | RASPBERRY RIPPLE                  | <u>D</u>      |
| SF442           | FRAPPACHINO                       | D             |
| SF444           | WIZARD                            | D             |
| SF445           | POLAR BLUE                        | D             |
| SF446           | ASPEN                             | D             |
| SF447           | MEADOW                            | D             |
|                 | VEINS                             |               |
| SF450           | MELLOW YELLOW VEIN                | D             |
| SF451           | CREAM VEIN                        | D             |
| SF452           | BURNT YELLOW VEIN                 | D             |
| SF453           | ORANGE VEIN                       | <u>D</u>      |
| SF454           |                                   | <u>D</u>      |
| SF455           |                                   | <u>D</u>      |
| SF456<br>SF457  | SUNDAE PINK VEIN<br>LAVENDER VEIN | D             |
| SF457<br>SF458  | DEEP VIOLET VEIN                  | <u>D</u>      |
| SF450           | STEEL BLUE VEIN                   | <u>D</u>      |
| SF460           | SKY BLUE VEIN                     | <u>D</u>      |
| SF461           | DARK BLUE VEIN                    | <u>D</u>      |

| Product<br>Code | Colour<br>Description | Pric<br>Ban |
|-----------------|-----------------------|-------------|
| SF462           | SOFT BLUE VEIN        | D           |
| SF463           | ROLLING FOG VEIN      | D           |
| SF464           | MINT GREEN VEIN       | D           |
| SF465           | AVOCADO VEIN          | D           |
| SF466           | IRISH GREEN VEIN      | D           |
| SF467           | ROYAL GREEN VEIN      | D           |
| SF468           | BURNT OAK VEIN        | D           |
| SF469           | TERRACOTTA VEIN       | D           |
| SF471           | LATTE                 | D           |
| SF472           | NUTMEG                | D           |
| SF473           | CARNATION             | D           |
| SF474           | VINO                  | D           |
| SF475           | LOTUS                 | D           |
| SF476           | MARINE BLUE           | D           |
| SF477           | SLATE                 | D           |
| SF478           | JADE                  | D           |
| SF479           | PEA GREEN             | D           |
| SF480           | CONCRETE              | D           |
| SF481           | BLACK                 | D           |
| SF482           | ARCTIC WHITE          |             |
| SF483           | WINE                  | <u>_</u>    |
| SF484           | PIEMENTO              | <u>_</u>    |
| SF485           | AGATE                 | <u>_</u>    |
| SF486           | SORBET                | <u>_</u>    |
| SF487           | FLAMINGO              | <u>_</u>    |
| SF488           | PRIMROSE              | <u>_</u>    |
| SF489           | SUN YELLOW            | <u>_</u>    |
| SF490           |                       | <u>_</u>    |
| SF491           | SAFFRON               | <u>_</u>    |
| SF492           | MAPLE                 | <u>D</u>    |
| SF494           | SQUASH                | <u>D</u>    |
| SF495           | SPICE                 | <u> </u>    |
| SF496           | FLINT                 | <u>D</u>    |
| SF497           | STEEL                 | <u>D</u>    |
| SF477           | COAL                  | <u> </u>    |
| SF470           | AVALANCHE             | <u> </u>    |
| 56477           |                       |             |
|                 | STREAKY OPAQUES       |             |
| SF500           | SARI                  | D           |
| SF501           | SATIN                 | D           |
| SF502           | FIRESIDE              | D           |
| SF503           | HONEY                 | D           |
| SF504           | LAWN                  | D           |
|                 |                       |             |

SF505

SF506

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SF510 SF511

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SF607

SF608

EMERALD

PARADISE

PEACOCK

PASSION

BRONZE

COPPER WISP

**LUSTRES & METALLICS** 

GOLD WISP

GOLD

SILVER

COPPER

CHROME

YELLOW PEARL

GREEN PEARL

ORANGE PEARL

STREAKY OPAQUES

- **(** \_

BLUE PEARL

LIME PEARL

RED PEARL

DUSTY PINK

FUSCHIA

SALAMI

BRICK

MAIZE

CEDAR

PINTO

DARK OAK

CINNAMON

PEARL

- **(** 

|   | 51030  | CATENNE      |     |
|---|--------|--------------|-----|
| D | SF639  | LIQUORICE    |     |
| D | SF640  | GUNMETAL     |     |
| D | SF641  | MERCURY      |     |
| D | SF642  | MUSHROOM     |     |
| D | SF643  | QUARTZ       |     |
| D | SF645  | SUNSHINE     |     |
|   | SF646  | SEA BREEZE   |     |
|   | SF 650 | CREAM        |     |
| D | SF651  | BUTTER       |     |
| D | SF 652 | FAWN         |     |
| D | SF653  | CIDER        |     |
| D | SF654  | MOJITO       |     |
| D | SF655  | CARDAMOM     |     |
| D | SF656  | OCEAN BLUE   |     |
| D | SF 657 | BELL HEATHER |     |
| D | SF 658 | BLUSH PINK   |     |
| D | SF 659 | FIRESTONE    |     |
| D | SF 660 | BRUISED RED  |     |
| D | SF 661 | SHADOW GREY  |     |
| D |        |              | CON |
|   |        |              |     |





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Product Code

SF609

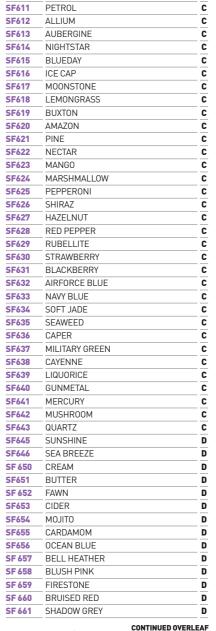
SF610

Colour Description

MAHOGANY BUTTERBEAN Price Band

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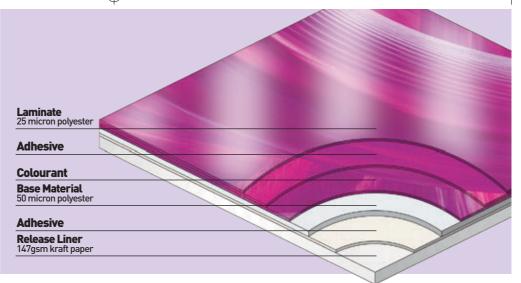
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## **Price Codes**

| Product<br>Code | Colour<br>Description | Price<br>Band |
|-----------------|-----------------------|---------------|
|                 | BACKGROUND EFFECTS    |               |
| SF700           | PEBBLE                | В             |
| SF702           | TENNESSEE             | Е             |
| SF703           | SPARKLE               | E             |
| SF704           | CRACKLE               | E             |
| SF705           | ICE                   | E             |
| SF706           | STIPPLE               | E             |
| SF707           | REED                  | E             |
| SF708           | ROCOCO                | E             |
| SF709           | WHISPER               | E             |
| SF710           | SWIRL                 | E             |
| SF711           | DUNE                  | E             |
| SF712           | TWINE                 | E             |
| SF713           | RAINDROP              | E             |
| SF714           | KALAHARI              | E             |
| SF715           | SMALL ROCOCO          | E             |
| SF716           | MOSAIC                | E             |
| SF717           | CORAL                 | E             |
| SF718           | AUTUMN LEAF           | E             |
| SF750           | GLUE CHIP             | В             |
| SF751           | FROST                 | A             |
| SF752           | MISSISSIPPI           | E             |
| SF753           | ZAMBEZI               | E             |
| SF754           | RICE PAPER            | В             |
| SF758           | DOUBLE MISSISSIPPI    | E             |
| SF759           | COLORADO ETCHED       | E             |
| SF760           | COLORADO FROST        | E             |
| SF761           | LAVA                  | E             |
| SF762           | SHALE                 | E             |
| SF763           | SHIMMER               | E             |
| SF764           | BUBBLE                | E             |
| SF765           | SPIRA                 | E             |
| SF766           | BAROQUE               | E             |
| SF767           | BRUSHED               | E             |
| SF770           | MOONSCAPE             | E             |
| SF771           | ICE CAP               | E             |
| SF780           | AMERICAN ANTIQUE      | ?             |
| SF781           | AMERICAN ANTIQUE MATT | ?             |
| SF782           | WATER                 | ?             |
| SF783           | BRUSH                 | ?             |
| SF784           | BRUSH MATT            | ?             |

|        | ETCHED PATTERNS     |             |
|--------|---------------------|-------------|
| SF850  | NEW CELTIC CLEAR    | <b>D</b> x2 |
| SF851  | NEW CELTIC RUBY     | <b>D</b> x2 |
| SF852  | NEW CELTIC BLUE     | <b>D</b> x2 |
| SF853  | NEW VICTORIAN FLEUR | <b>D</b> x2 |
| SF 854 | STARDROP            | <b>D</b> x2 |
| SF855  | QUADRATUM           | <b>D</b> x2 |
| SF 856 | FLEURY CROSS        | <b>D</b> x2 |
| SF 857 | FLORAL TULIP        | <b>D</b> x2 |

|       | BORDERS            |   |
|-------|--------------------|---|
| SF900 | RED BLUMEN         | Е |
| SF901 | RED CELTIC         | E |
| SF902 | BLUE CELTIC        | Ε |
| SF903 | GREEN FLEUR DE LYS | E |
| SF904 | RED NOUVEAU        | Ε |
| SF905 | BLUE NOUVEAU       | E |
| SF906 | GREEN IONA         | E |
| SF907 | RED IONA           | E |
| SF908 | ETCH NOUVEAU       | Ε |
| SF909 | GREEN NOUVEAU      | Ε |
| SF910 | BLUE IONA          | E |
| SF911 | ETCH IONA          | Ε |



## **Film Application and Warranty**

#### **Characteristics & Colour Variances**

Our films are a handmade colour product. It is common to experience some settle imperfections in this process. Clients may regard these as flaws or defects, but in reality, they are characteristic of the creation process. The gentle shading and imperfections in this film should not be regarded as defects. They are characteristic of the fine hand-crafted work, which gives this film its beauty and dramatic texture.

Due to the handmade nature of these products, there will be batch to batch variation in colour and on the non-plain films, no two sheets will ever be identical. We recommend that customers ensure that they have sufficient film from the same batch to complete any project if colour consistency is critical.

#### Application Guidelines Dry Application

All our Stained Glass Art Films can be applied dry with a film application roller, but care should be taken with larger areas as the chances of bubbles and imperfections will increase. Dry applied films can be leaded straight away.

#### Wet Application

We would recommend the wet application of films as it leaves a clearer finish and allows for easy repositioning of the film.

Once applied, wet film should be left to dry for a minimum of 12 hours to ensure all moisture has dried off before leading.

For wet application, we recommend the use of our Film Application Solution (see page A147)

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#### Sheet Sizes:

Standard Sheet: 460mm x 660mm Oversize Sheet: 660mm x 960mm\*

**Temperature Range:** - 46°C to 135°C

#### UV Filtration:

90% to 95% ASTM E903

#### Fade Resistance:

6,000 hours (equivalent to 20 years) of direct solar ultraviolet exposure as specified in ASTM G-23 caused modest or no colour fading in the samples submitted. All products rate 8+ on blue wool scale.

#### Maintenance:

Resists detritus effects for 5,000 cleaning cycles (equivalent to 20 years+)

#### **IG Unit Performance:**

Conforms to fogging requirements on EN1279 and 2189

#### Which surface to apply to?

Due to the construction of our film materials, most of the UV inhibitors are in the base film adhesive layer. For this reason, the best UV performance will be when the adhesive surface is facing out towards the sun, so products should be applied to the face of an insulated glass unit. WE DO NOT GUARANTEE FILM THAT HAS BEEN APPLIED IN ANY OTHER WAY.

#### **Multi-layering of Films**

The Stained Glass Art Films can be applied in multiple layers to create new colours and effects. When multi-layering, it is important that any textured or UV printed backgrounds are applied last as they have uneven surfaces. It is also important to note that due to the opacity levels of the films, the colour may look different when viewed from different sides of the glass.





# **DECORATIVE BEVELS**

Our clear and coloured RegaBevels are precision made from quality 5mm float glass that bevels down to a 1.8mm edge. Fitting precisely with RegaLead lead profiles and complementing our range of stunning overlay materials, RegaBevels add style and individuality to decorative glass.





Our ever-expanding collection now features over 500 designs and is the most extensive single range available in Europe. To complement our clear and coloured range, we provide bevels in a beautiful array of styles and textures. Our popular collections of Glue Chip, Dichroic and Multi-Faceted bevels provide a stunning alternative and key focal point in windows, doors, fanlights and much more!

Included in our extensive range is the stunning Designer Bevel Collection, an innovative concept for creating almost endless designs. With 34 shapes available in clear and coloured glass, these bevels have beautiful seamed edges for use without lead. For even more choice, our Custom Bevelling Service can create bevels to any customer requirements! With the option to adapt existing bevels, incorporate logos or company designs, or even design a bevel from scratch, the possibilities are endless.

## **Category Index**



## **Bevel Finder**

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Every bevel, every reference number and where to find it in our most comprehensive decorative glass bevel guide ever.

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## Please Note: All dimensions appear as 'Width x Height'. Seamed or Polished Edge Bevels are shown as 'S'

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| DE  | DESCRIPTION                               | PAGE       | CODE      | DESCRIPTION                              | PAGE | CODE            | DESCRIPTION                            | F |
|-----|---|------------|-----------|--|------|-----------------|--|---|
|     | Cluster 203x355mm (9)                     |            | RB 62.2   | Cluster 276x679mm (15)                   |      | RB 120.L2       | Stylised Alphabet Letter L 120mm h (4) |   |
|     | Replacement Centre 95x163mm (1)           |            | RB 63.1   | Cluster 178x305mm (8)                    |      | RB 120.M2       | Stylised Alphabet Letter M 120mm h (8) |   |
|     | Cluster 165x127mm (3)                     |            | RB 64.1   | Cluster 230x328mm (4)                    |      | RB 120.N2       | Stylised Alphabet Letter N 120mm h (6) |   |
|     | Cluster 127x127mm (4)                     |            | RB 65.1   | Cluster 260x155mm (7)                    |      | RB 120.02       | Stylised Alphabet Letter 0 120mm h (3) |   |
|     | Cluster 197x152mm (4)                     |            | RB 66.1   | Cluster 152x152mm (4)                    |      | RB 120.P2       | Stylised Alphabet Letter P 120mm h (5) |   |
|     | Cluster 191x114mm (4)                     |            | RB 67.1   | Cluster 198x172mm (4)                    |      | RB 120.Q2       | Stylised Alphabet Letter Q 120mm h (4) |   |
| .2  | Cluster 145x229mm (4)                     | A73/A88    | RB 67.2   | Cluster 228x194mm (4)                    | A88  | RB 120.R2       | Stylised Alphabet Letter R 120mm h (4) |   |
| .1  | Cluster 114x406mm(6)                      | A74        | RB 68.1   | Cluster 256x155mm (6)                    | A88  | RB 120.52       | Stylised Alphabet Letter S 120mm h (3) |   |
| .1  | Pencil 51x76mm (1)                        | A105       | RB 68.1A  | 58x65mm BOX 30                           | A115 | RB 120.T2       | Stylised Alphabet Letter T 120mm h (4) |   |
| 2   | Square 51x51mm(1)                         | .A105/A112 | RB 68.1B  | 130x40mm BOX 30                          | A115 | RB 120.U2       | Stylised Alphabet Letter U 120mm h (5) |   |
|     | Pencil 51x102mm (1)                       |            | RB 68.1C  | 130x40mm BOX 30                          |      | RB 120.V2       | Stylised Alphabet Letter V 120mm h (4) |   |
|     | Pencil 51x152mm(1)                        |            | RB 68.1D  | 55x35mm BOX 30                           |      | RB 120.W2       | Stylised Alphabet Letter W 120mm h (6) |   |
|     | Pencil 51x127mm (1)                       |            | RB 68.1E  | 55x35mm BOX 30                           |      | RB 120.X2       | Stylised Alphabet Letter X 120mm h (6) |   |
|     | Pencil 51x203mm (1)                       |            |           |  |      |                 | · · · ·                                |   |
|     |   |            | RB 68.1F  | 26x90mm BOX 30                           |      | RB 120.Y2       | Stylised Alphabet Letter Y 120mm h (5) |   |
|     | Pencil 51x254mm (1)                       |            | RB 69.1   | Cluster 140x140mm (8)                    |      | RB 120.Z2       | Stylised Alphabet Letter Z 120mm h (4) |   |
|     | Pencil 51x176mm (1)                       |            | RB 70.1   | Cluster 350x160mm (8)                    |      | RB 100          | Pencil 19x19mm (1)                     |   |
| 9   | Pencil 51x226mm (1)                       | A105       | RB 71.1   | Corner 25x76mm (2)                       | A103 | RB 101          | Pencil 19x51mm (1)                     |   |
| 10  | Pencil 51x265mm (1)                       | A105       | RB 73.1   | Corner 115x115mm (3)                     | A103 | RB 102          | Pencil 19x76mm (1)                     |   |
| 2   | Diamond 152x102mm (1) BOX 30              | A108       | RB 75.1   | Cluster 384x769mm (19)                   | A72  | RB 103          | Pencil 19x101mm (1)                    |   |
| 3   | Diamond 190x121mm (1)                     | A108       | RB 75.1RC | Replacement Centre 187x345mm (1)         | A114 | RB 105          | Pencil 19x152mm (1)                    |   |
|     | Corner 89x89x25mm (1)                     |            | RB 76.1   | Piece 235x100mm (1)                      |      | RB 106          | Pencil 19x203mm (1)                    |   |
|     | Corner 89x89x25mm(1)                      |            | RB 77.1   | Circle 127x25mm (8)                      |      | RB 107          | Pencil 19x254mm (1)                    |   |
|     |   |            |           |  |      |                 |  |   |
|     | Cluster 224x145mm (3)                     |            | RB 78.1   | Piece 50x60mm (1) BOX 30                 |      | RB 108          | Pencil 19x305mm (1)                    |   |
|     | Cluster 224x145mm (2)                     |            | RB 81.1   | Cluster 216x137mm (4)                    |      | RB 109          | Pencil 25x25mm (1)                     |   |
|     | Cluster 216x292mm (5)                     |            | RB 82.1   | Cluster 228x133mm (8)                    |      | RB 109.2        | Pencil 25x40mm (1)                     |   |
|     | Cluster 252x187mm (5)                     |            | RB 85.1   | Peacock 270x675mm (20)                   | A96  | RB 110          | Pencil 25x51mm (1)                     |   |
| .1  | Cluster 283x520mm (13)                    | A74        | RB 85.2   | Peacock 270x675mm (20)                   | A96  | RB 110.2        | Pencil 25x60mm (1)                     |   |
|     | Cluster 125x520mm (7)                     |            | RB 86.1   | Owl 120x315mm (12)                       |      | RB 111          | Pencil 25x76mm (1)                     |   |
|     | Cluster 127x145mm (3)                     |            | RB 88.1   | Mackintosh Style Rose 162x116mm (8)      |      | RB 111.2        | Pencil 25x90mm (1)                     |   |
|     | Cluster 158x127mm (5)                     |            | RB 90.1   | Cluster 180x135mm (4)                    |      | RB 112          | Pencil 25x101mm (1)                    |   |
|     |   |            |           |  |      |                 |  |   |
|     | Cluster 126x126mm (4)                     |            | RB 91.1   | Cluster 155x260mm (5)                    |      | RB 112 CB       | Corner Bevel 25x101mm (2)              |   |
|     | Cluster 180x140mm (5)                     |            | RB 92.1   | Cluster 170x170mm (5)                    |      | RB 112.2        | Pencil 25x115mm (1)                    |   |
|     | Cluster 180x140mm (5)                     |            | RB 93.1   | Cluster 408x72mm (5)                     |      | RB 113          | Pencil 25x127mm (1)                    |   |
| .1  | Cluster 200x145mm (3)                     | A89        | RB 94.1   | Cluster 450x165mm (13)                   | A85  | RB 113.2        | Pencil 25x140mm (1)                    |   |
| .1  | Cluster 250x125mm (5)                     | A89        | RB 95.1   | Mackintosh Style Rose 110mm diameter (5) | A87  | RB 114          | Pencil 25x152mm (1)                    |   |
| .1  | Rose 125x170mm (7)                        | A74        | RB 95.2   | Mackintosh Style Leaves (Pair) 40x50mm   | A87  | RB 115          | Pencil 25x203mm (1)                    |   |
|     | Rose Leaves 85x55mm (3)                   |            | RB 96.1   | Dragonfly 192x150mm (9)                  |      | RB 116          | Pencil 25x254mm (1)                    |   |
|     | Star 226x117mm (1)                        |            | RB 98.1   | Horse 172x247mm (12)                     |      | RB 117          | Pencil 25x305mm (1)                    |   |
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|     | Cluster 197x343mm (5)                     |            | RB 100.0  | Number 0 100mm (1)                       |      | RB 118          | Pencil 38x38mm (1)                     |   |
|     | Cluster 200x346mm (4)                     |            | RB 100.1  | Number 1 100mm (1)                       |      | RB 119          | Pencil 38x51mm (1)                     |   |
|     | Cluster 200x347mm (5)                     |            | RB 100.2  | Number 2 100mm (1)                       |      | RB 120          | Pencil 38x76mm (1)                     |   |
| ).1 | Cluster 70x270mm (4)                      | A73        | RB 100.3  | Number 3 100mm (1)                       | A101 | RB 121          | Pencil 38x101mm (1)                    |   |
|     | Cluster 194x333mm (4)                     | A76        | RB 100.4  | Number 4 100mm (1)                       | A101 | RB 121 CB       | Corner Bevel 38x101mm (2)              |   |
|     | Cluster 195x168mm (6)                     |            | RB 100.5  | Number 5 100mm (1)                       |      | RB 122          | Pencil 38x152mm (1)                    |   |
|     | Oval 76x127mm (1)                         |            | RB 100.6  | Number 6 100mm (1)                       |      | RB 123          | Pencil 38x203mm (1)                    |   |
|     | Oval 102x152mm (1)                        |            | RB 100.7  | Number 7 100mm (1)                       |      | RB 124 CB       | Corner Bevel 51x101mm (2)              |   |
|     |   |            | RB 100.7  |  |      | RB 124 CB       |  |   |
|     | Etched Rose 152x102mm (1)                 | A88        |           | Number 8 100mm (1)                       |      |                 |  |   |
|     | 2 Piece set A88                           |            | RB 100.9  | Number 9 100mm (1)                       |      | RB 126          | Pencil 19x126mm (1)                    |   |
| .1  | Star Polished Brilliant Cut 136x190mm (1) |            | RB 100.A1 | Standard Alphabet Letter A 100mm h (3)   | A101 | RB 127          | Extension Piece 108x110mm (4)          |   |
| .2  | Star 80x112mm (2)                         | A110       | RB 100.B1 | Standard Alphabet Letter B 100mm h (3)   | A101 | RB 127.2        | Extension Piece 108x110mm (4)          |   |
| .3  | Star Frosted Brilliant Cut 136x190mm (1)  | A110       | RB 100.C1 | Standard Alphabet Letter C 100mm h (3)   | A101 | RB 128          | Pencil 19x178mm (1)                    |   |
| .4  | Star Polished Brilliant Cut 100x150mm (1) | A110       | RB 100.D1 | Standard Alphabet Letter D 100mm h (2)   | A101 | RB 129          | Pencil 19x226mm (1)                    |   |
|     | Star with Concave Circle 100x150mm (1)    |            | RB 100.E1 | Standard Alphabet Letter E 100mm h (4)   |      | RB 130          | Extension Set 108x76mm (2)             |   |
|     | Circle 76mm dia [4]                       |            | RB 100.F1 | Standard Alphabet Letter F 100mm h (3)   |      | RB 130          | Extension Set 145x72mm (2)             |   |
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|     | Diamond GC 127x76mm BOX 30                |            | RB 100.G1 | Standard Alphabet Letter G 100mm h (3)   |      | RB 132          | Extension Set 135x114mm (2)            |   |
|     | Diamond GC 152x102mm (1) BOX 30           |            | RB 100.H1 | Standard Alphabet Letter H 100mm h (3)   |      | RB 133          | Cluster 480x307mm (7)                  |   |
|     | Diamond GC 100x50mm (1) BOX 30            |            | RB 100.I1 | Standard Alphabet Letter I 100mm h (1)   |      | RB 134          | Pencil 25x176mm (1)                    |   |
| .5  | Diamond GC 127x76mm (1)                   | A108       | RB 100.J1 | Standard Alphabet Letter J 100mm h (2)   | A101 | RB 134.2        | Pencil 25x180mm (1)                    |   |
| .1  | Square 51x51mm (1) BOX 30                 | .A105/A112 | RB 100.K1 | Standard Alphabet Letter K 100mm h (3)   | A101 | RB 135          | Pencil 25x226mm (1)                    |   |
|     | Square 85x85mm (1) BOX 30                 |            | RB 100.L1 | Standard Alphabet Letter L 100mm h (2)   |      | RB 136          | Pencil 38x176mm (1)                    |   |
|     | Cluster GC 203x355mm (9)                  |            | RB 100.M1 | Standard Alphabet Letter M 100mm h (4)   |      | RB 137          | Pencil 38x182mm (1)                    |   |
|     | Replacement Centre 95x163mm (1)           |            | RB 100.N1 | Standard Alphabet Letter N 100mm h (3)   |      | RB 201.1        | Piece 155x80mm (1)                     |   |
|     |   |            |           |  |      |                 |  |   |
|     | Cluster GC 165x127mm (3)                  |            | RB 100.01 | Standard Alphabet Letter 0 100mm h (2)   |      | RB 201.2        | Piece 235x120mm (1)                    |   |
|     | Cluster GC 191x114mm (4)                  |            | RB 100.P1 | Standard Alphabet Letter P 100mm h (2)   |      | RB 201.3        | Piece 155x80mm (1)                     |   |
|     | Star GC 229x145mm (4)                     |            | RB 100.Q1 | Standard Alphabet Letter Q 100mm h (3)   |      | RB 201.4        | Piece 235x120mm (1)                    |   |
| .1  | Star GC 82x82mm (1)                       | A111       | RB 100.R1 | Standard Alphabet Letter R 100mm h (3)   | A101 | RB 202.1        | Cluster 222x149mm (4)                  |   |
| .1  | Extension Set 178x178mm (5)               | A73/A89    | RB 100.S1 | Standard Alphabet Letter S 100mm h (4)   | A101 | RB 202.2        | Cluster 185x120mm (4)                  |   |
|     | Cluster 145x180mm (7)                     |            | RB 100.T1 | Standard Alphabet Letter T 100mm h (2)   |      | RB 204.1        | Corner 125x125x51mm (1)                |   |
|     | Cluster 128x148mm (3)                     |            | RB 100.U1 | Standard Alphabet Letter U 100mm h (2)   |      | RB 204.2        | Corner 93x93x38mm (1)                  |   |
|     | Cluster 120x153mm (3)                     |            | RB 100.V1 | Standard Alphabet Letter V 100mm h (2)   |      | RB 204.4        | Corner 70x70x19mm (1)                  |   |
|     | Cluster 200x170mm (6)                     |            | RB 100.W1 | Standard Alphabet Letter W 100mm h (4)   |      | RB 204.4        | Cluster 190x324mm (4)                  |   |
|     |   |            |           |  |      |                 |  |   |
|     | Cluster 193x130mm (3)                     |            | RB 100.X1 | Standard Alphabet Letter X 100mm h (3)   |      | RB 207          | Cluster 200x472mm (11)                 |   |
|     | Rose 120x120mm (6)                        |            | RB 100.Y1 | Standard Alphabet Letter Y 100mm h (3)   |      | <b>RB 207RC</b> | Replacement Centre 103x156mm (1)       |   |
|     | Rose 120x120mm (6)                        |            | RB 100.Z1 | Standard Alphabet Letter Z 100mm h (3)   |      | RB 208          | Cluster 207x236mm (3)                  |   |
| .1  | Cluster 185x156mm (3)                     | A88        | RB 120.A2 | Stylised Alphabet Letter A 120mm h (7)   | A101 | RB 208.2        | Extension Set 437x236mm (4)            |   |
|     | Cluster 134x153mm (3)                     |            | RB 120.B2 | Stylised Alphabet Letter B 120mm h (6)   |      | RB 209          | Cluster 215x520mm (7)                  |   |
|     | Cluster 182x152mm (3)                     |            | RB 120.C2 | Stylised Alphabet Letter C 120mm h (6)   |      | RB 210          | Cluster 145x550mm (4)                  |   |
|     | Cluster 283x520mm (13)                    |            | RB 120.02 | Stylised Alphabet Letter D 120mm h (5)   |      | RB 211          | Cluster 175x550mm (8)                  |   |
|     |   |            |           | · · · ·                                  |      |                 |  |   |
|     | Replacement Centre 124x134mm (1)          |            | RB 120.E2 | Stylised Alphabet Letter E 120mm h (6)   |      | RB 212          | Cluster 125x365mm (4)                  |   |
|     | Replacement Centre 124x134mm (1)          |            | RB 120.F2 | Stylised Alphabet Letter F 120mm h (5)   |      | RB 213          | Cluster 420x850mm (29)                 |   |
|     | Cluster 125x520mm (7)                     |            | RB 120.G2 | Stylised Alphabet Letter G 120mm h (8)   | A101 | RB 214          | Corner 630x300mm (left hand version)   |   |
| ).1 | Cluster 360x510mm (13)                    | A76        | RB 120.H2 | Stylised Alphabet Letter H 120mm h (6)   | A101 | RB 214.2        | Corner 630x300mm (right hand version)  |   |
|     | Cluster 280x456mm (9)                     |            | RB 120.12 | Stylised Alphabet Letter I 120mm h (3)   |      | RB 215          | Cluster 270x770mm (29)                 |   |
|     | Cluster 234x589mm (15)                    |            | RB 120.J2 | Stylised Alphabet Letter J 120mm h (3)   |      | RB 217          | Cluster 275x430mm (5)                  |   |
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|   | Cluster 195x650mm (12)                        |                 | RB 321             | Corner 137x137mm (3)                           |             | RB 436.1             | Star GC 136x190mm (1)  |            |
|   | Cluster 225x525mm (13)                        |                 | RB 321             | Cluster 185x137mm (3)                          |             | RB 436.2             | Star GC 80x112mm (2)   |            |
|   | Cluster 175x700mm (10)                        |                 | RB 322L/R          | Corner 113x154mm (3)                           |             | RB 440               | Cluster GC 262x536mm (13)  |            |
|   | Cluster 100x350mm (10)                        |                 | RB 323             | Corner 130x130mm (4)                           |             | RB 440.2             | Cluster GC 129x536mm (7)   |            |
|   | Cluster 240x515mm (26)                        |                 | RB 323             | Cluster 183x142mm (4)                          |             | RCB 448              | Virgin Mary 310x750mm (43)   |            |
|   | Cluster 129x185mm (4)                         |                 | RB 324             | Cluster 290x596mm (15)                         |             | RB 448.1             | Cluster GC 178x178mm (5)   |            |
| RB 226                                  | Cluster 165x185mm (5)                         | A89             | RB 325L/R          | Corner 190x225mm (6)                           | A107        | RCB 449              | Archangel 405x1140 mm (74)   | A99        |
| RB 228                                  | Cluster 172x172mm (10)                        | A90             | RB 326             | Corner 222x222mm [4]                           | A107        | RCB 450              | Cross with Lillies 286x457mm (37)  | A98        |
| RB 229                                  | Cluster 179x170mm (3)                         | A91             | RB 327L/R          | Corner 159x231mm (4)                           | A107        | RB 451               | Cluster GC 392x465mm (13)  | A84        |
| RB 230                                  | Cluster 152x196mm (3)                         | A91             | RB 328             | Corner 145x145mm (3)                           | A107        | RB 458.1             | Cluster 182x152mm (3)  | A9;        |
|   | Cluster 156x275mm (8)                         |                 | RB 329             | Cluster 187x156mm (6)                          |             | RB 459.1             | Cluster 283x520mm (13)   |            |
|   | Cluster 193x196mm (5)                         |                 | RB 331             | Piece 154x230mm (1)                            |             | RB 459.2             | Cluster 125x520mm (7)  |            |
|   | Cluster 159x208mm [4]                         |                 | RB 332.1           | Brilliant Cut 192x254mm (1)                    |             | RB 469               | Cluster 152x152mm (4)  |            |
|   | Cluster 325x325mm [4]                         |                 | RB 332.2           | Piece 190x254mm [1]                            |             | RB 471               | Cluster 425x150mm [7]  |            |
|   |   |                 |                    |  |             |                      |  |            |
|   | Cluster 185x185mm (4)                         |                 | RB 333.1POL        | Brilliant Cut 143x190mm (1)                    |             | RB 475.1             | Cluster 384x769mm (19)   |            |
|   | Cluster 215x215mm (4)                         |                 | RB 333.2           | Piece 143x190mm (1)                            |             | RB 479               | Cluster 179x225mm (7)  |            |
|   |   | A90             | RB 333.3FR0        | Brilliant Cut/Frosted 143x190mm (1)            |             | RB 482.1             | Cluster 228x133mm (8)  |            |
|   | Cluster 212x295mm (8)                         |                 | RB 334.1           | Star 127x127mm (1)                             |             | RB 485               | Cluster 120x150mm (3)  |            |
| RB 240                                  | Corner 70x70x19mm (1)                         | A102            | RB 334.2           | Star 82x82mm (1)                               | A110        | RB 487               | Kingfisher Cluster 245x170mm (8)   | A96        |
| RB 241                                  | Cluster 222x372mm (12)                        | A69             | RB 334.3           | Star 64x64mm (1)                               | A110        | RB 489               | Swans Cluster 225x195mm (8)  | A97        |
| RB 243L/R                               | Piece 43x68mm (1)                             | A115            | RB 334.4           | Star 50x50mm (1)                               | A110        | RB 491               | Dolphins Cluster Right 180x215mm (13)  | A9         |
| RB 245                                  | Piece 76x91mm (1)                             | A115            | RB 334.5           | Star 115x115mm (1)                             | A110        | RB 491.2             | Dolphins Cluster Left 180x215mm (13)   | A9         |
| RB 246                                  | Cluster 126x170 (4)                           | A87             | RB 334.6           | Star 175x175mm (1)                             | A110        | RB 493.1             | Rose&Leaves Cluster 240x245mm (9)  | A107       |
|   | Heron 380x396mm (3)                           | A96             | RB 334.7           | Star 143x143mm (1)                             | A110        | RB 493.2             | Rose&Leaves Cluster 240x245mm (9)  |            |
|   | Piece 75x88mm (1)                             |                 | RB 334.7           | Star 98x98mm (1)                               |             | RB 494               | Leaves Clear 76x36mm(2)  | A107       |
|   | Cluster 275x465mm [9]                         |                 | RB 335             | Cluster 215x456mm (9)                          |             | RB 474<br>RB 495     | Rose&Leaves Cluster - Pink&Green 240x245mm (9)   |            |
|   | Cluster 392x465mm (13)                        |                 | RB 335<br>RB 336.1 | Star 75x110mm (1)                              |             | RB 495               | Rose&Leaves Cluster - Pink&Green 240x245mm (9)<br>Rose&Leaves Cluster - Pink&Green 240x245mm (9) |            |
|   |   |                 |                    |  |             |                      |  |            |
|   | Cluster 460x530mm (21)                        |                 | RB 336.2           | Star 100x140mm (1)                             |             | RB 496               | Leaves Green 76x36mm (2)   |            |
|   | Cluster 455x455mm (27)                        |                 | RB 338             | Cluster 418x198mm (12)                         |             | RB 499               | Cluster GC 237x700mm (12)  |            |
|   | Cluster 295x610mm (15)                        |                 | RB 339             | Cluster 308x812mm (19)                         |             | RB 501.1             | Piece Blue 155x80mm (1)  |            |
|   | Cluster 320x638mm (29)                        |                 | RB 340             | Cluster 262x536mm (13)                         |             | RB 502.1             | Cluster Blue 165x127mm (3)   |            |
| RB 256L                                 | Cluster 304x870mm (19)                        | A68             | RB 340.2           | Cluster 129x536mm (7)                          | A75         | RB 505.1             | Cluster Blue 191x114mm (4)   | A94        |
| RB 256R                                 | Cluster 304x870mm (19)                        | A68             | RB 341             | Cluster 279x584mm (15)                         | A79         | RB 508.2             | Square Blue 51x51mm (1)  | A112       |
|   | Cluster 360x530mm (16)                        |                 | RB 342             | Cluster 348x580mm (16)                         |             | RB 509.1             | Diamond Blue 127x76mm (1)  |            |
|   | Cluster 135x830mm (13)                        |                 | RB 343             | Cluster 111x645mm (7)                          |             | RB 509.2             | Brilliant Cut Diamond Blue 127x76mm (1)  |            |
|   | Cluster 135x830mm (13)                        |                 | RB 344             | Cluster 403x974mm (47)                         |             | RB 514.2             | Cluster Blue 252x187mm (5)   |            |
|   | Cluster 135x830mm (13)                        |                 | RB 344<br>RB 347   | Cluster 110x631mm (3)                          |             | RB 514.2             | Square Blue 38x38mm (1)  |            |
|   |   |                 |                    |  |             |                      | •  |            |
|   | Cluster 108x400mm (21)                        |                 | RB 348             | Cluster 308x460mm (13)                         |             | RB 519               | Star Blue 82x82mm (1)  |            |
|   |   | A68             | RB 349             | Cluster 370x370mm (17)                         |             | RB 520               | Star Blue 127x127mm (1)  |            |
|   | Om Logo 200x220mm (8)                         |                 | RB 350             | Cluster 278x400mm (17)                         |             | RB 522.1             | Cluster Blue 200x145mm (3)   |            |
| RB 263                                  | Bonsai Tree 160x210mm (16)                    | A100            | RB 351             | Cluster 129x204mm (5)                          | A90         | RB 532.1             | Cluster Blue 193x196mm (5)   | A94        |
| RB 264                                  | Khanda 240x300mm (13)                         | A100            | RB 352             | Piece 174x44mm (1)                             | A115        | RB 534.1             | Oval Blue 76x127mm Blue (1)  | A113       |
| RB 265.1                                | Cluster 145x220mm (5)                         | A67             | RB 352.2           | Piece 174x44mm (1)                             | A115        | RB 535.1             | Oval Blue 102x152mm Blue (1)   |            |
| RB 265.2                                | Cluster 145x220mm (5)                         | A67             | RB 353             | Piece 133x33mm (1)                             | A115        | RB 536.1             | Brilliant Cut Star Blue 136x190mm (1)  |            |
|   | Single Dolphin 146x174mm (8)                  |                 | RB 353.2           | Piece 133x33mm (1)                             |             | RB 536.2             | Star Blue 80x112mm (2)   |            |
|   | • •   |                 | RB 355             | Cluster 156x126mm (3)                          |             | RB 536.3             | Star Blue 136x190mm (1)  |            |
|   |   |                 | RB 356             | Cluster 152x140mm (3)                          |             | RB 548.1             | Cluster Blue 178x178mm (5)   |            |
|   |   |                 |                    |  |             | RB 549.1             |  |            |
|   | Long Life (Chinese Script) 215x300mm          |                 | RB 357             | Cluster 201x129mm (3)                          |             |                      | Cluster Blue 145x180mm (7)   |            |
|   | Joy (Chinese Script) 216x272mm (17)           |                 | RB 358             | Cluster 173x153mm (3)                          |             | RB 558.1             | Cluster Blue 182x152mm (3)   |            |
|   | Happiness (Chinese Script) 226x264m           |                 | RB 359             | Cluster 130x114mm (3)                          |             | RB 559.1RC           | Replacement Centre Blue 124x134mm (1)  |            |
|   | Yin&Yang (Chinese Script) 120mm diar          |                 | RB 367             | Cluster 264x176mm (8)                          | A73         | RB 568.1             | Cluster Blue 256x155mm (6)   | A95        |
| RB 275.1                                | Celtic Knott 148x132mm (6)                    | A100            | RB 368             | Cluster 136x156mm (4)                          | A91         | RB 581.1             | Cluster Blue 216x137mm (4)   | A94        |
| RB 277.1                                | Star of David 140x160mm (12)                  | A100            | RB 369             | Cluster 429x102mm (6)                          | A85         | RB 582.1             | Cluster Blue 228x133m (8)  | A94        |
| RB 280                                  | Cluster 274x274mm (13)                        | A87             | RB 370             | Cluster 189x132mm (3)                          | A91         | RB 601.1             | Piece Bronze 155x80mm (1)  | A114       |
| RB 280.2                                | Cluster 274x274mm (13)                        | A87             | RB 371             | Cluster 425x150mm (7)                          | A85         | RB 605.1             | Cluster Bronze 191x114mm (4)   | A9/        |
|   | Cluster 350x250mm (12)                        |                 | RB 372             | Cluster 127x168mm (6)                          |             | RB 608.2             | Square Bronze 51x51mm (1)  |            |
|   | Cluster 195x375mm (10)                        |                 | RB 378             | Cluster 186x200mm (4)                          |             | RB 609.1             | Diamond Bronze 127x76mm (1)  |            |
|   | Cluster 150x150mm (9)                         |                 | RB 379             | Cluster 179x225mm (7)                          |             | RB 609.2             | Brilliant Cut Diamond Bronze 127x76mm (1)  |            |
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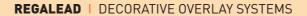
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| RJ 4001                      | Faceted Oval Clear 30x40mm   | A11        |
| RJ 4002                      | Faceted Oval Amber 30x40mm   | A11        |
| RJ 4005                      | Faceted Oval Blue 30x40mm  |            |
| RJ 4006                      | Faceted Oval Amethyst 30x40mm  |            |
| RJ 4007                      | Faceted Oval Green 30x40mm   |            |
| RJ 4008                      | Faceted Oval Aquamarine 30x40mm  |            |
| RJ 40010                     | Faceted Oval Red 30x40mm   |            |
| RJ 50R1                      | Faceted Clear 50mm   |            |
| RJ 50R2                      | Faceted Amber 50mm   |            |
| RJ 50R5                      | Faceted Blue 50mm  |            |
| RJ 50R6                      | Faceted Amethyst 50mm  |            |
| RJ 50R7                      | Faceted Green 50mm   |            |
| RJ 50R8                      | Faceted Aquamarine 50mm  |            |
|                              | Faceted Red 50mm   |            |
| RJ 50R10                     |  |            |
|                              |  |            |
| ROUNDELS                     | Clear (0mm diamatan  | A 4 4      |
| ROUNDELS<br>RFUR01           | Clear 60mm diameter  |            |
| ROUNDELS<br>RFUR01<br>RFUR02 | Amber 60mm diameter  | A11        |
| ROUNDELS<br>RFUR01           |  | A11<br>A11 |







RegaLead is delighted to offer our custom bevelling service, which has been introduced to create more design options for windows, doors, conservatories and any other decorative glass applications. While we believe we offer the most comprehensive range of bevels possible, sometimes something unique is required to add that finishing touch to a project.

Our custom bevelling service means designs are no longer restricted by size, colour or existing bevel design. Customers can design their own bevels, have logos made or even alter the size or colour of any of our existing RegaBevel range.

Ideal for any bevelled window or door suppliers, from small studios to large contractors, any quantity of custom bevels can be supplied from one to thousands! Prices are based on the size and complexity of the design and each design is quoted individually.

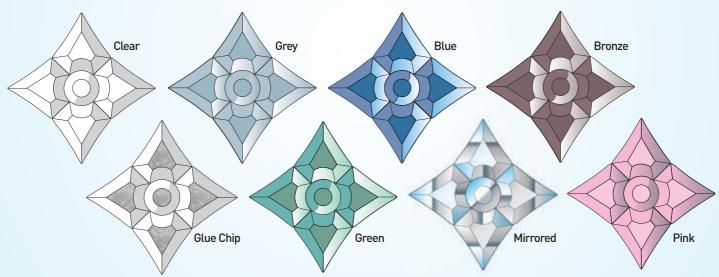
Discover how the brilliance and beauty of hand-crafted, custom bevels can add an extra dimension to your designs.



#### **Bevel Availability**

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Custom bevels are currently available in the following colours and textures:



#### **Bevel Edges**

The edge thickness of our 5mm bevels can be altered. Currently available are:

**Standard Edge:** This is the thickness of our standard bevels and is the best choice for use with our overlay system. Edges are between 1.5 and 1.8mm thick. **Thick Edge:** This edge thickness is appropriate for use with traditional stained glass lead cames and is approximately 2.5mm thick.

**Polished Edge:** This highly polished edge is for use without lead.

## How to order a Custom Bevel

Ordering a custom bevel is a simple process and can start with the most basic of drawings.

- Send a sketch or design idea, with the dimensions and quantity required. It doesn't have to be an elaborate or expert drawing as we can use our design software to build a more detailed picture.
- **2.** We'll create a design and liaise with you regarding any changes or specific requirements, such as colour or edge thickness of bevels.
- **3.** Once the design is finalised, we will then make a sample of your bevel. It will take about 4 weeks from the finalisation of the design to when you receive your bevel.
- **4.** If you are happy with your order, we can then make as many bevels of your design as you require. We can also provide a design template if necessary.

#### Pricing

Custom bevelling prices are individually calculated and are based on the size and complexity of your design. Each custom bevel quote is comprised of two elements:

A Set-Up Charge: For UK customers this flat rate charge of £35 covers everything associated with making a new bevel from scratch. This includes any design work, creating the factory template and shipping the bevels. The Set-Up Charge is a payable only once per design.

For customers outside of the UK, further shipping costs are payable in addition to the Set-Up Charge. Prices listed in Pounds sterling will be converted into US dollars or Euros using exchange rates on the day of order.

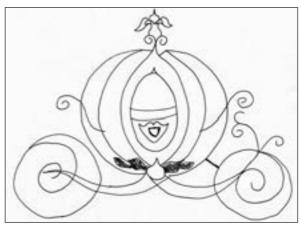
**Bevel Costs:** This is the cost of the bevelling and the glass. Size and complexity is taken into consideration at this point, and the cost is calculated using the same method as that used for standard bevels.

Consequently, larger quantity orders are more cost effective when using our custom bevelling service.

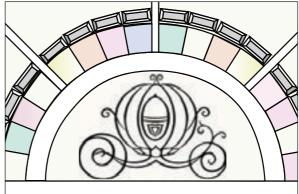
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**Cinderella's Carriage,** Grand Floridian Hotel in Disney World, Florida

Adding a beautiful and individual touch, Cinderella's Carriage adorns the wedding chapel windows of the Grand Floridian Hotel in Disney World Florida. Through a creative collaboration, we were pleased to deliver this simple, yet striking feature, which adds a unique focus to the room.



Initial Sketch







Completed Project

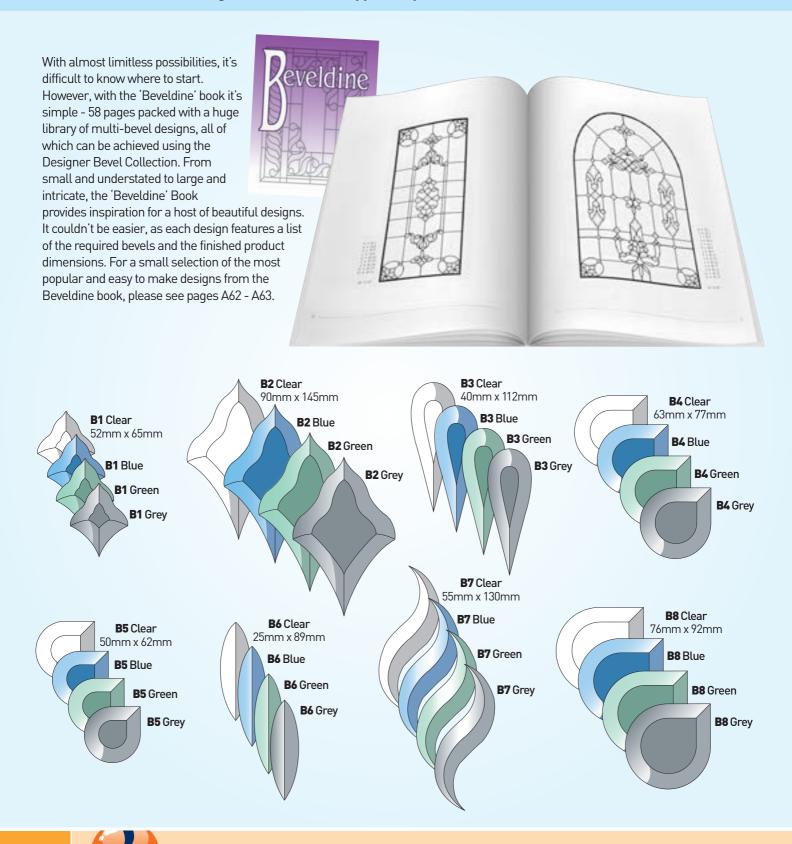


#### **REGALEAD** | DECORATIVE OVERLAY SYSTEMS

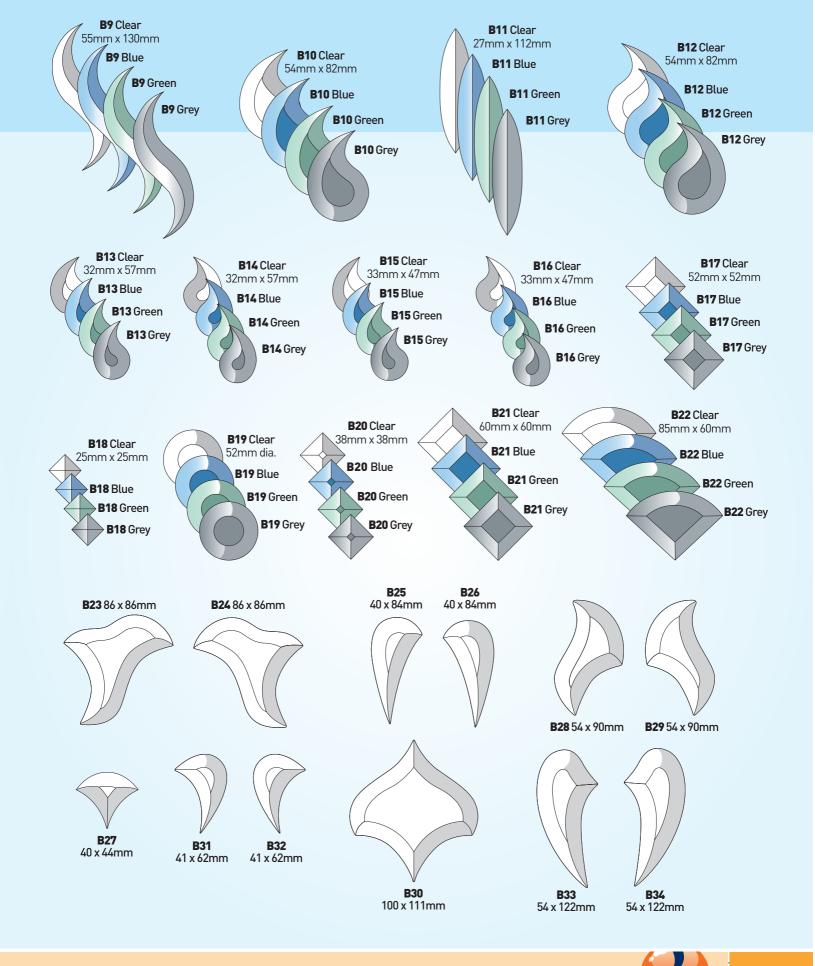
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## **The Designer Collection**

A firmly established favourite with decorative glass studios, the RegaLead Designer Collection is a simple and innovative concept for creating imaginative bevel designs for windows, doors and fanlights. Using these 34 bevel shapes and the full-size positional templates that are available, an almost infinite number of design combinations can be created. Sizes are shown as the bevels are in position on the page and will vary depending on how the bevels are used in the design. With beautiful seamed or polished edges, the Designer Collection can be used without lead. **NOTE: All bevels in the Designer collection are supplied in packs of 10.** 





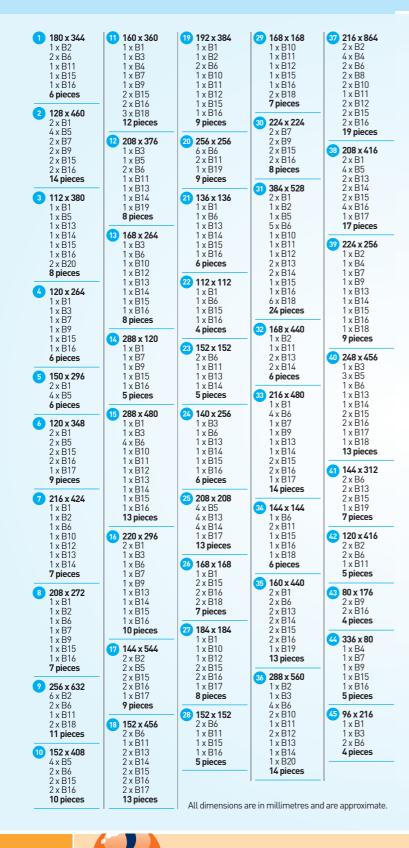


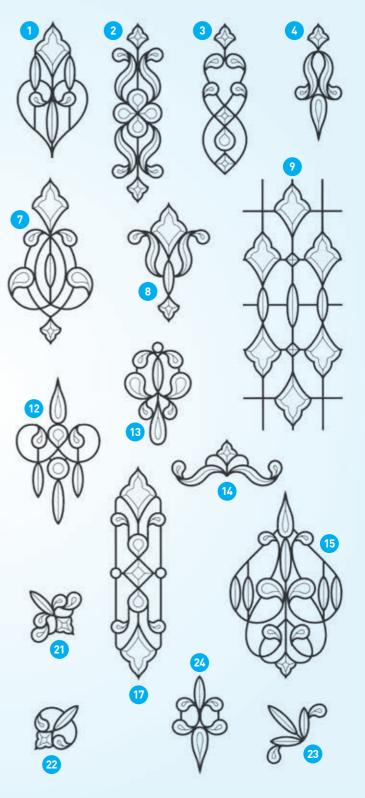
**REGALEAD** | DECORATIVE OVERLAY SYSTEMS

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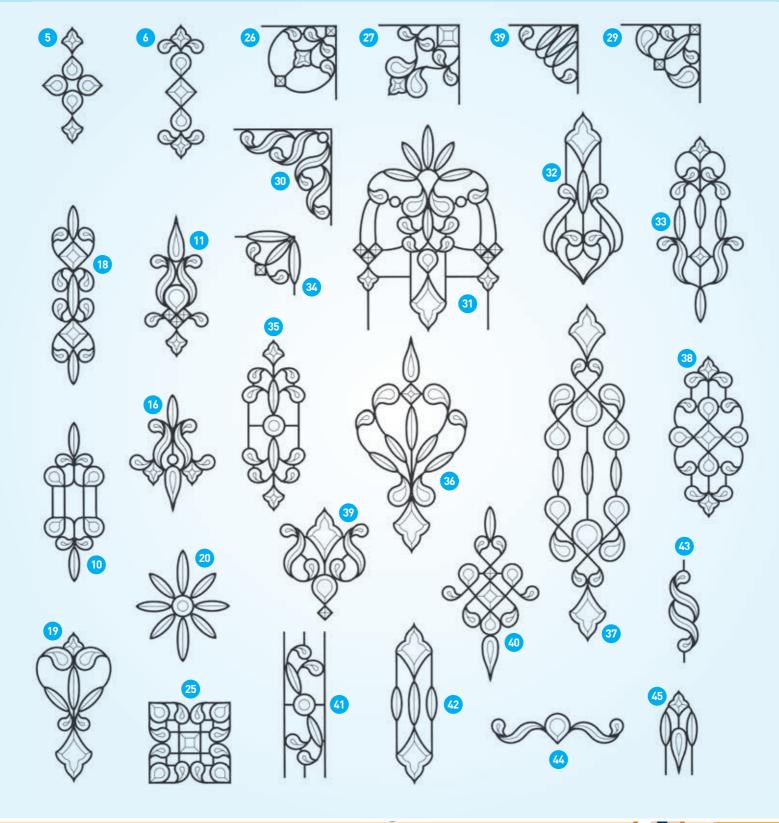
possibilities! The Designer Collection ...endless

Showcasing only a tiny selection of the almost limitless possibilities, the following collection is a helpful tool for inspiration. With an accompanying list of required bevels, each design highlights an elegant and original option possible with the Designer Collection. For more ideas, our 'Beveldine' Book is packed full of beautiful designs.



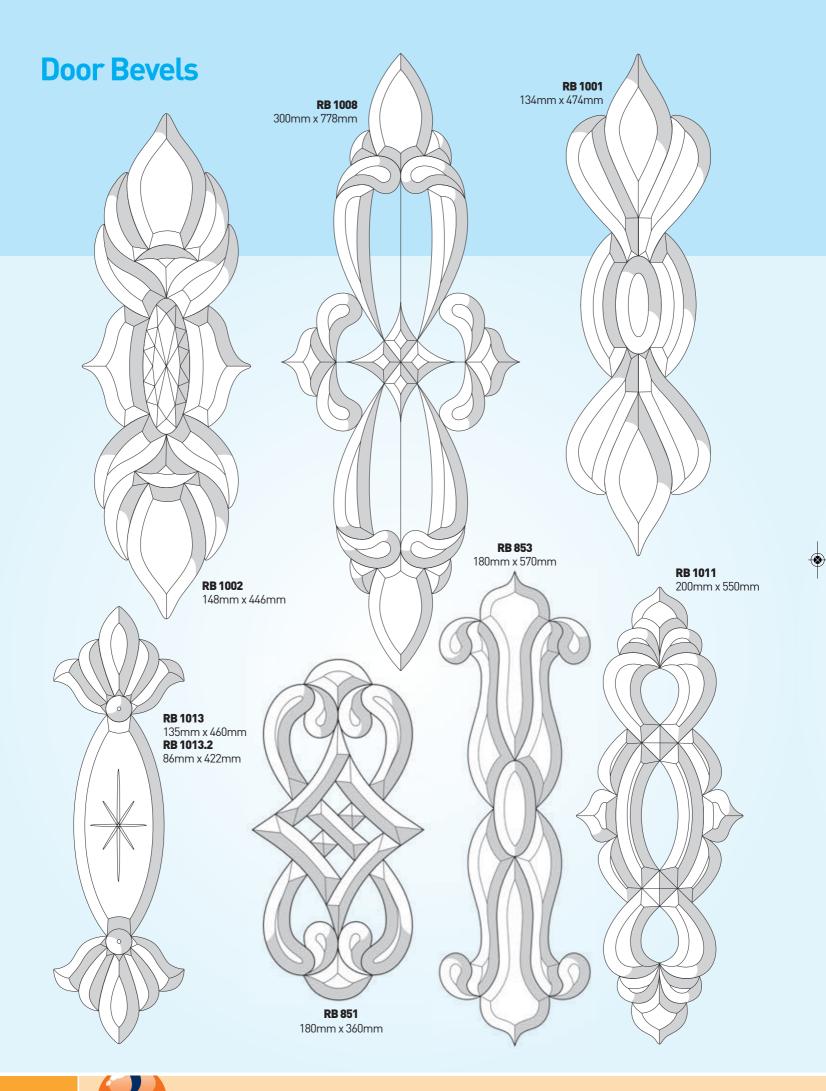


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## **Door Bevels Centre extension** set available: RB292RC 107mm x 385mm 320mm Top and bottom sets available: RB90.1 Replacement centre available: RB559.1RC Blue RB759.1RC Green RB959.1RC Grey See page A90 180mm x 135mm See page A111 RB 295 RB 292 292mm x 665mm **RB 294** 200mm x 710mm 136mm x 680mm RB 294.2 75mm x 710mm new new new neu **RB 1050 RB 1051 RB 1052 RB** 1053 180mm x 380mm 180mm x 380mm 150mm x 395mm 215mm x 430mm

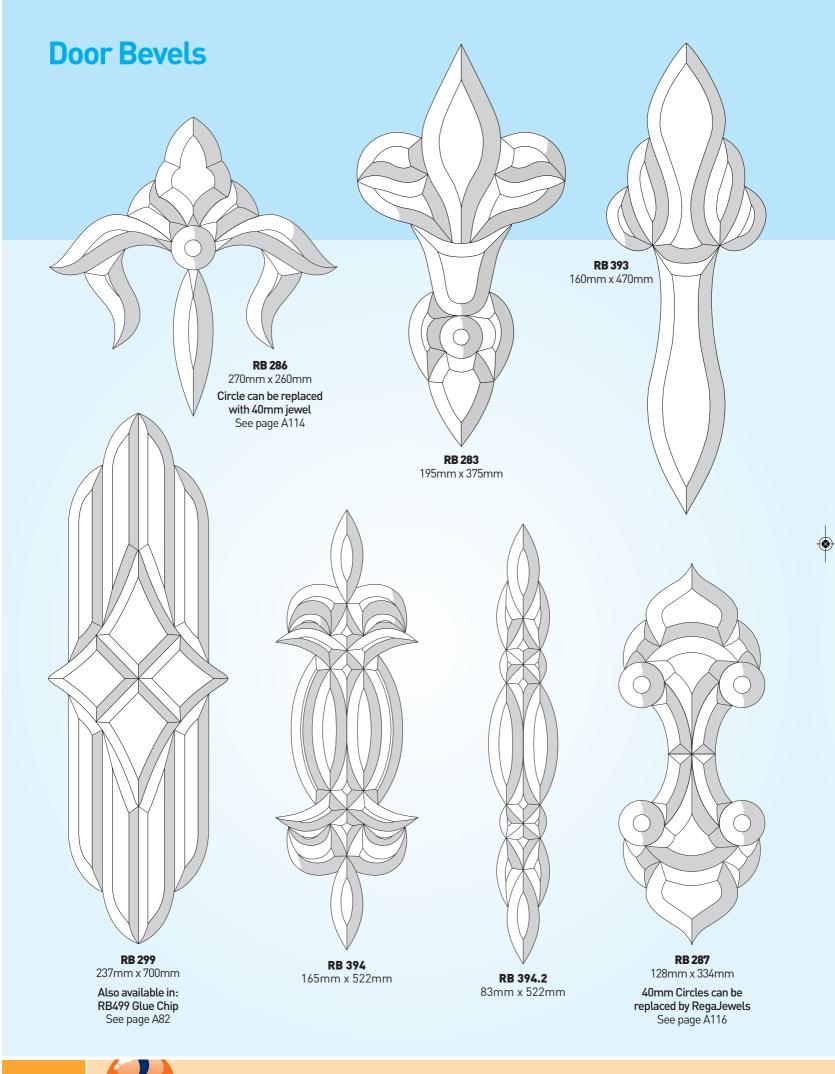


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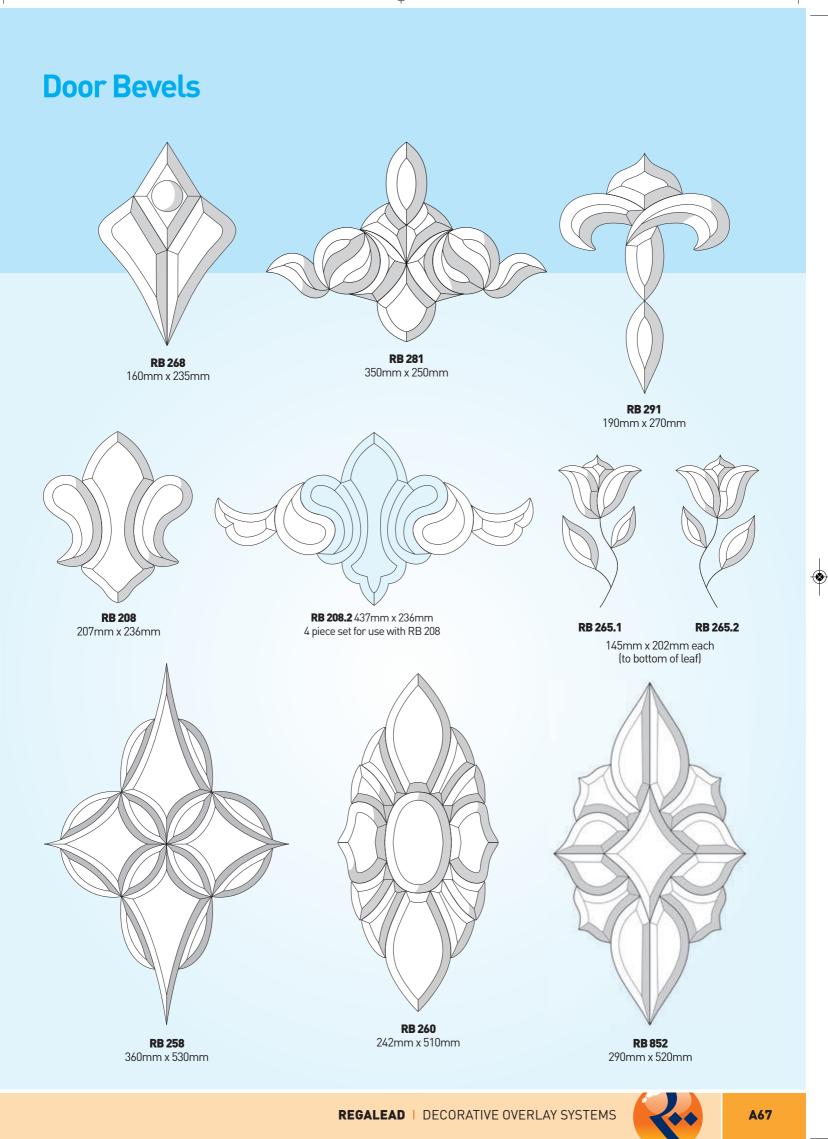
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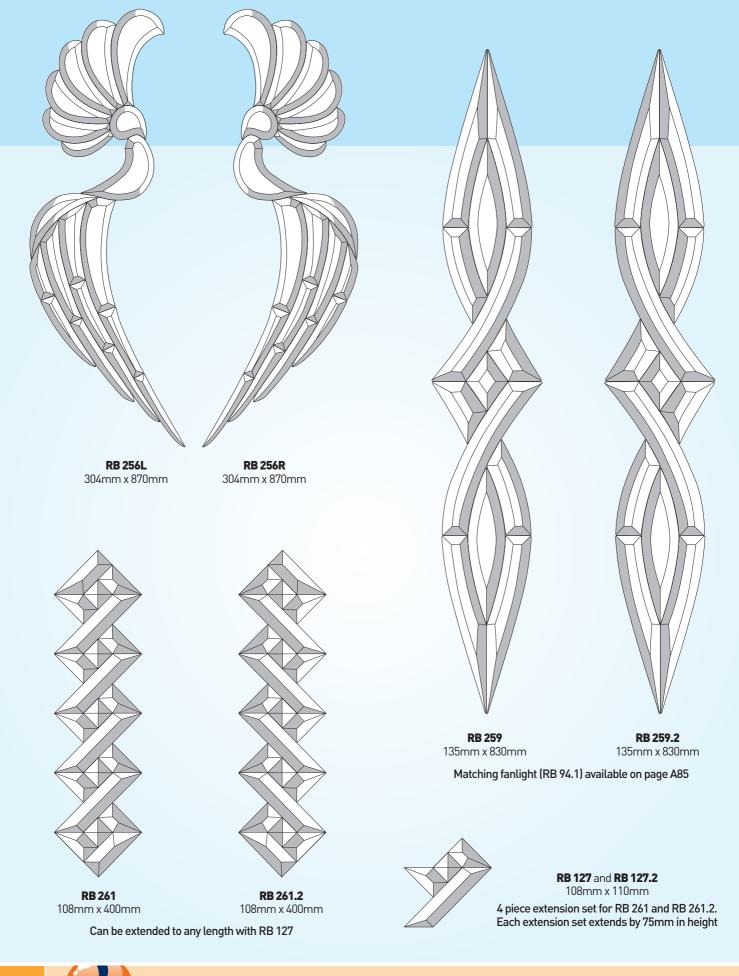




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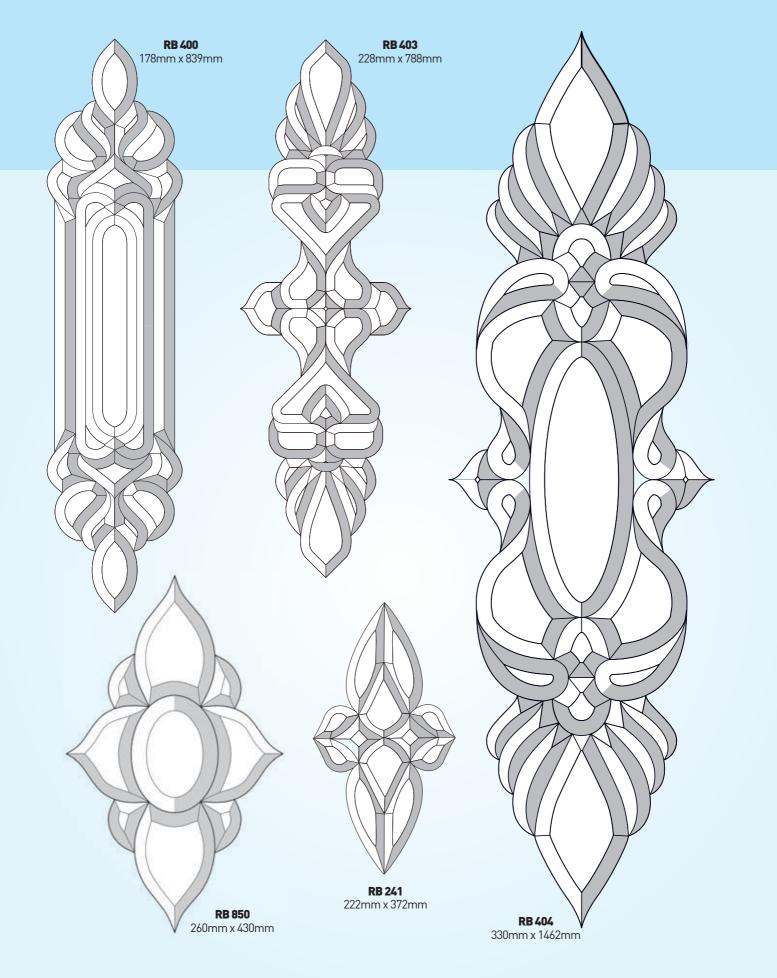
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### **Door Bevels**

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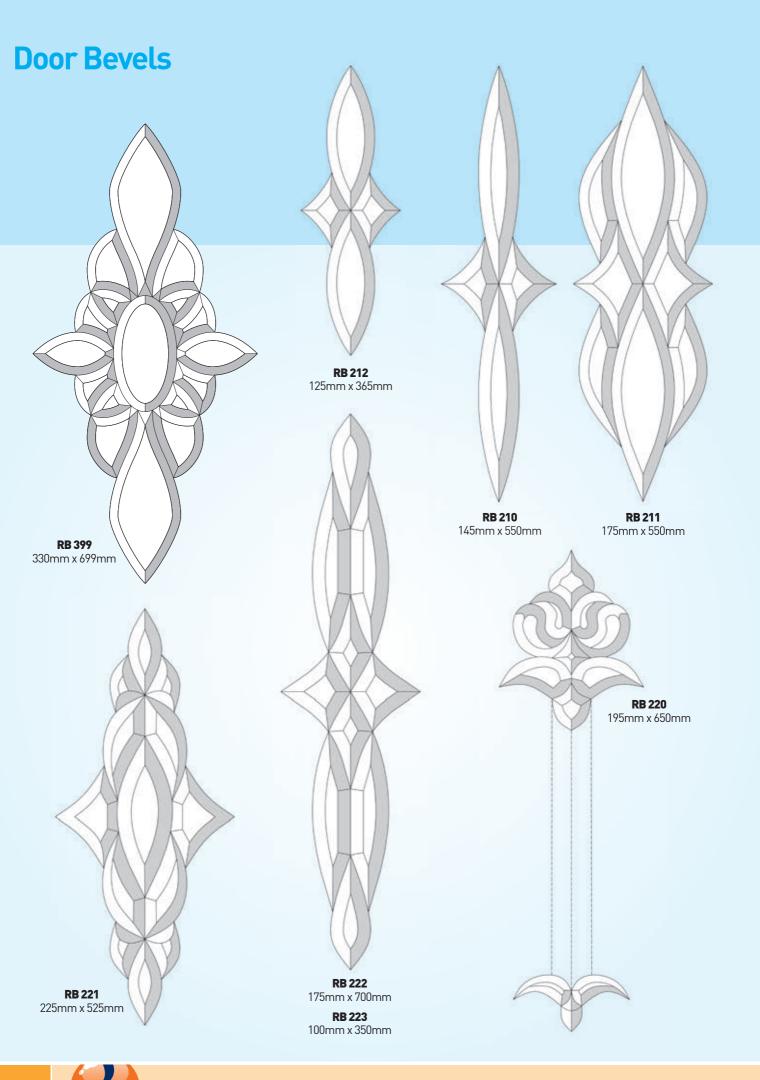


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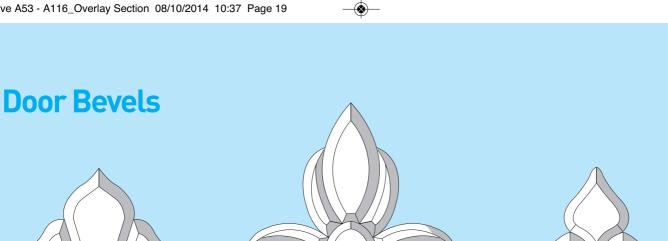


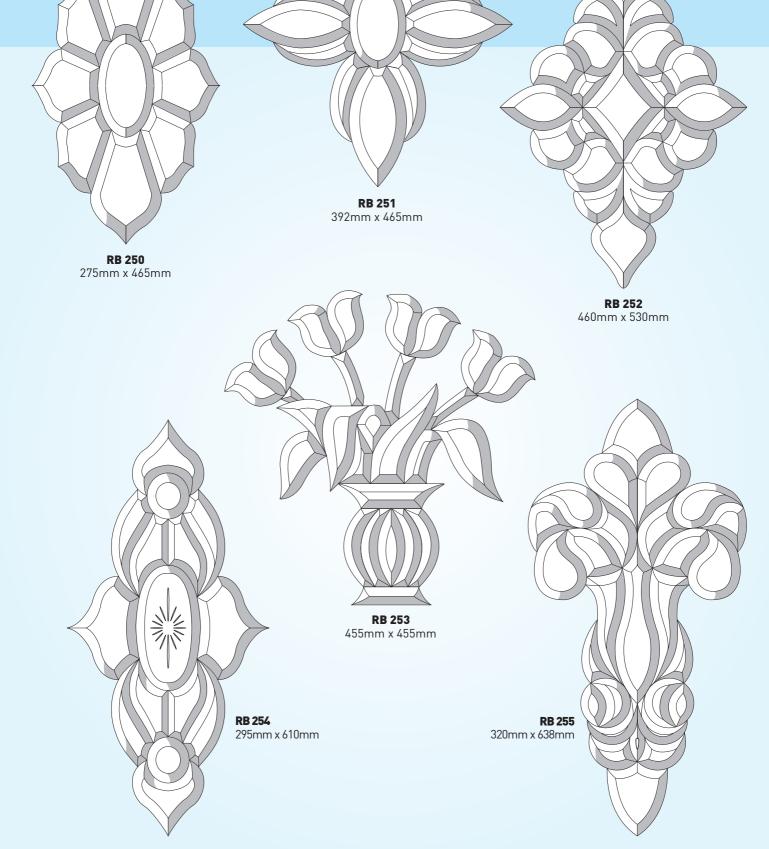


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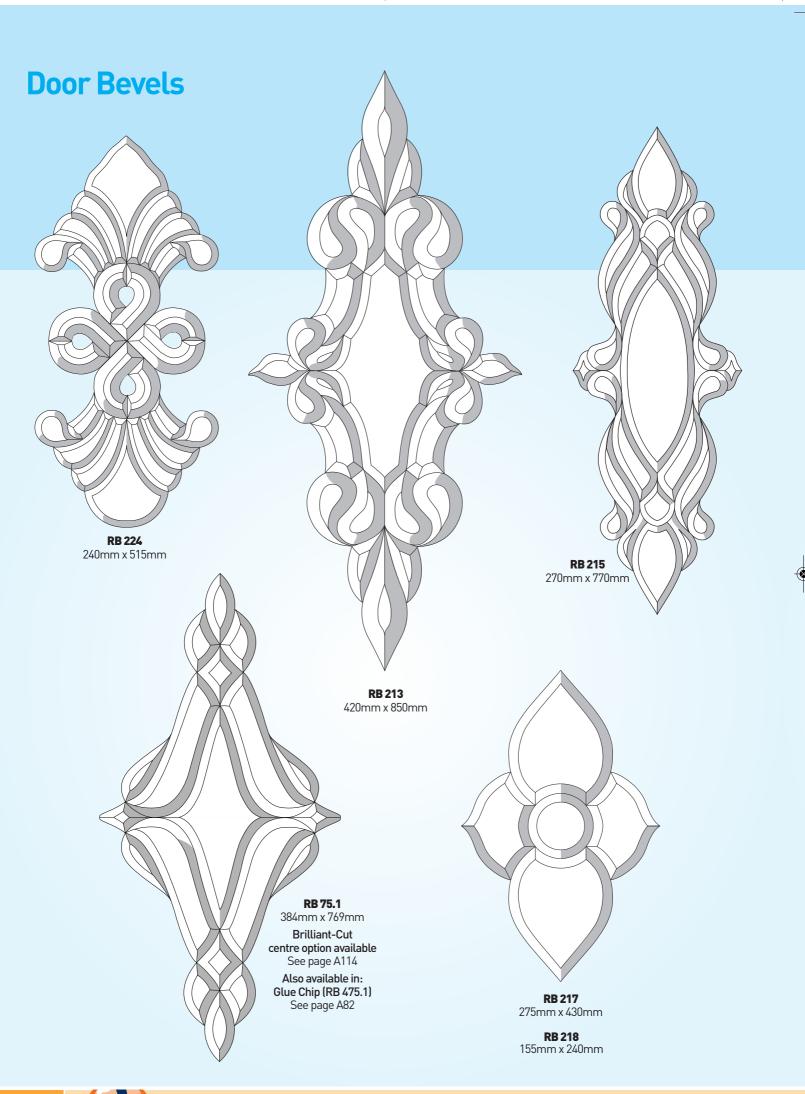
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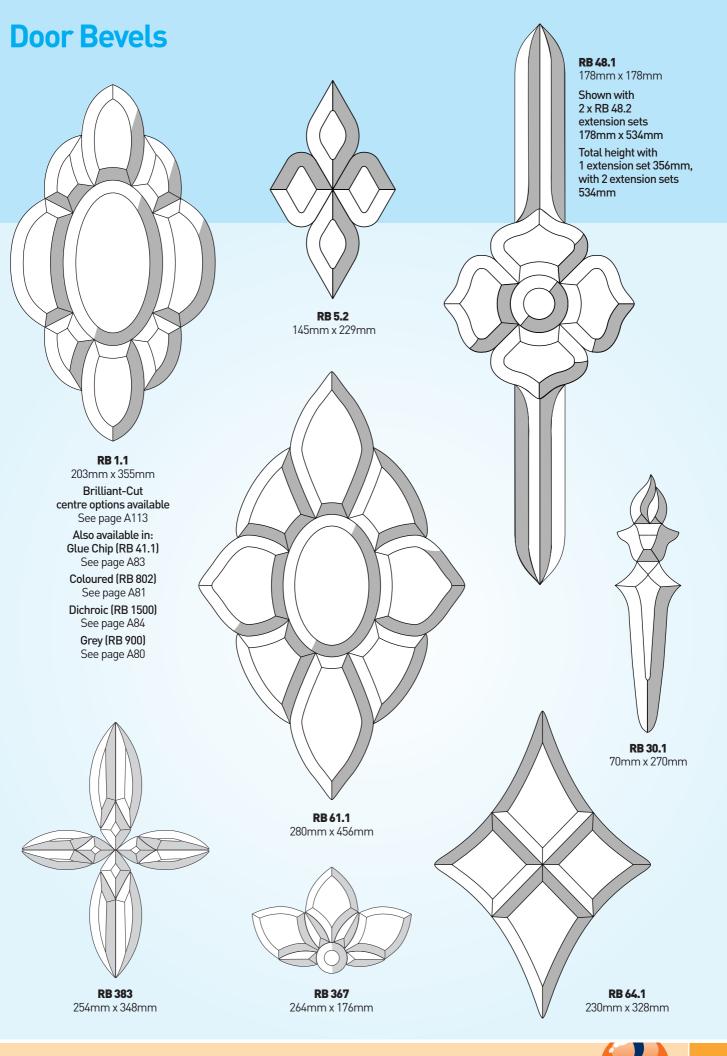




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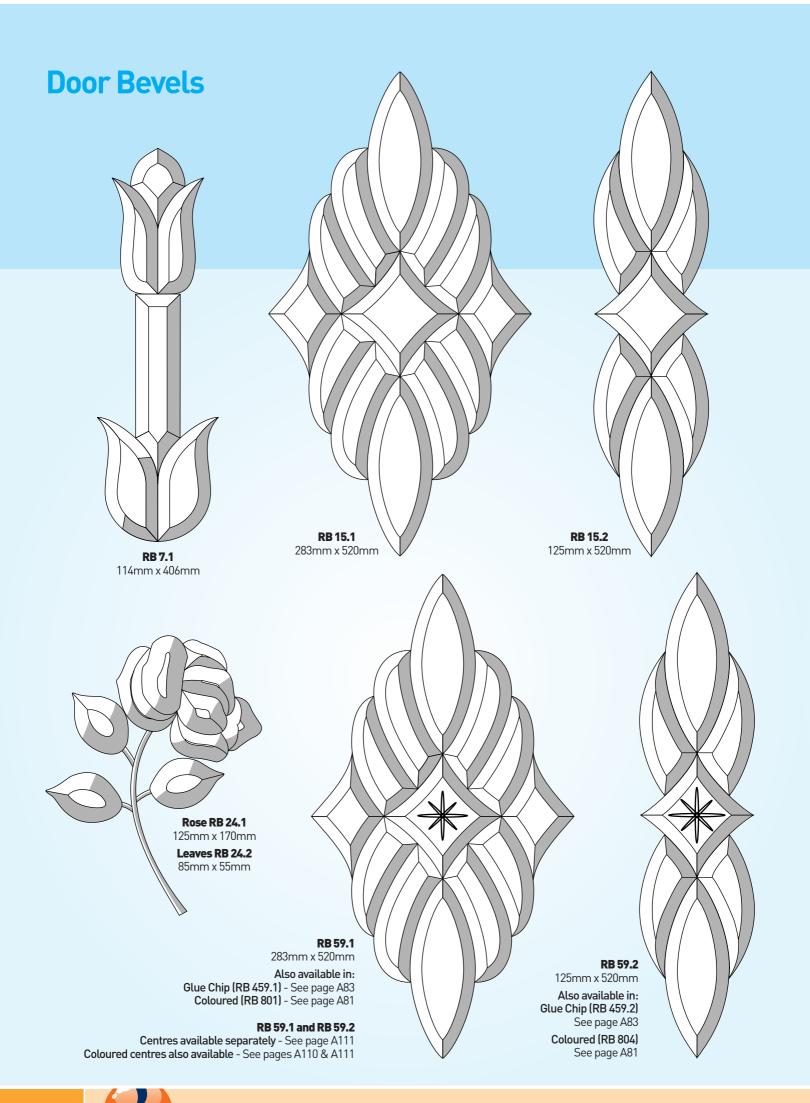
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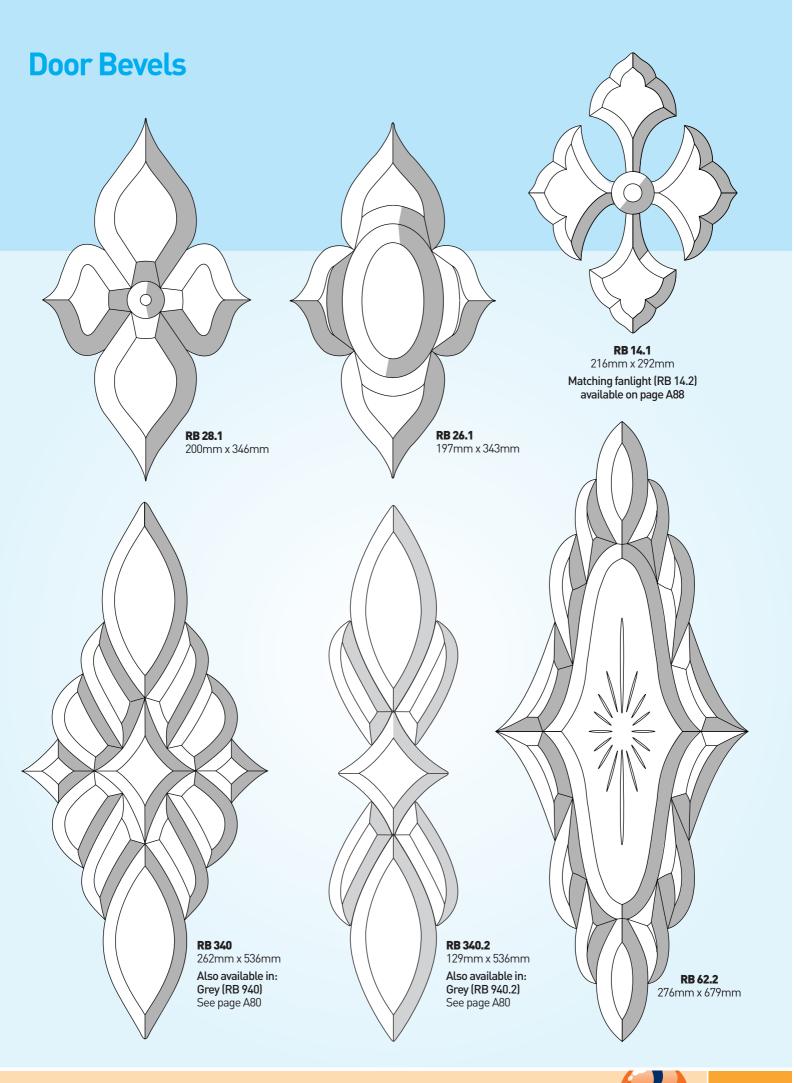
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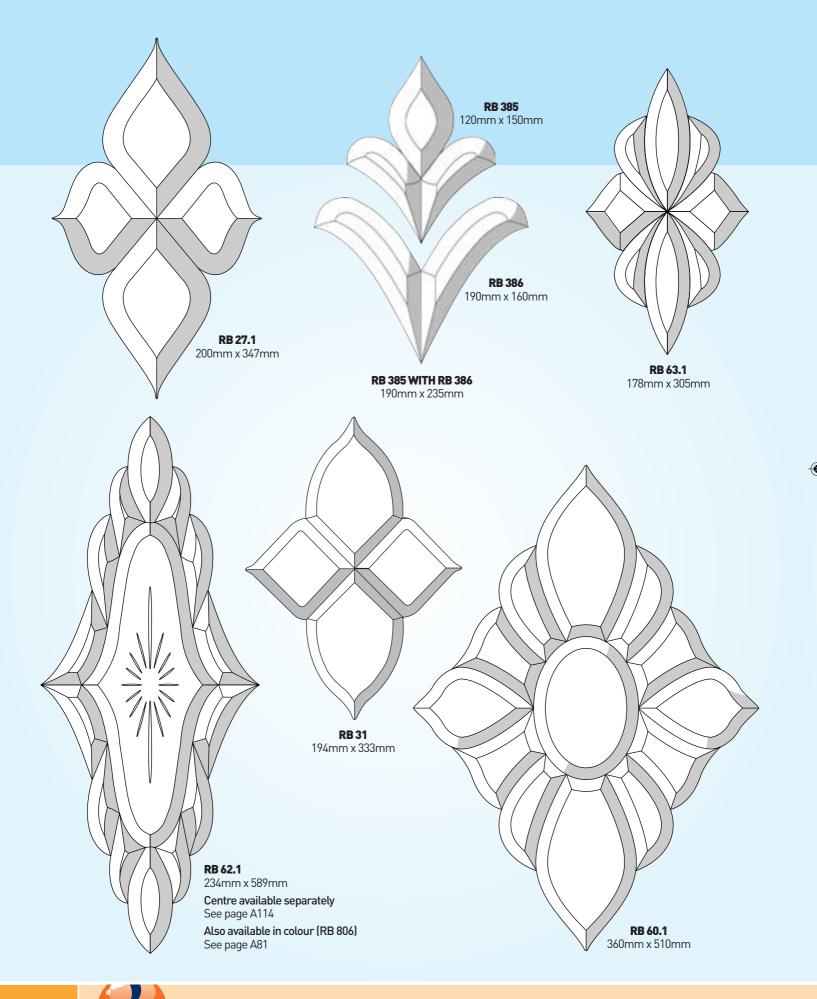
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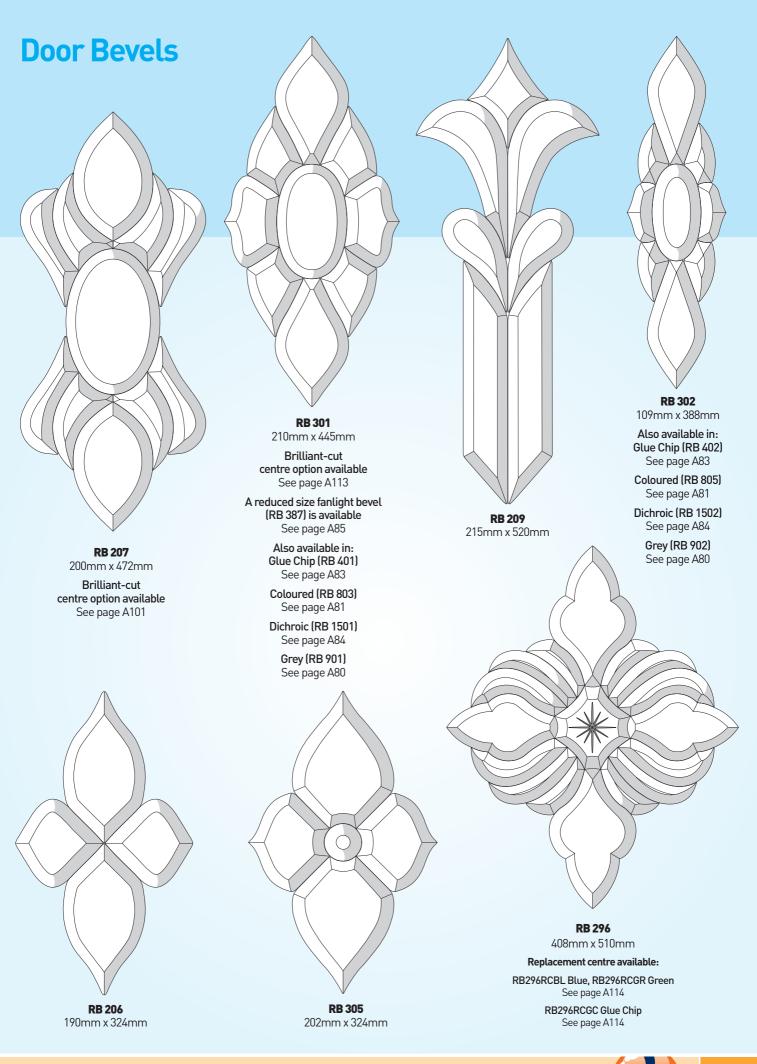
**Door Bevels** 



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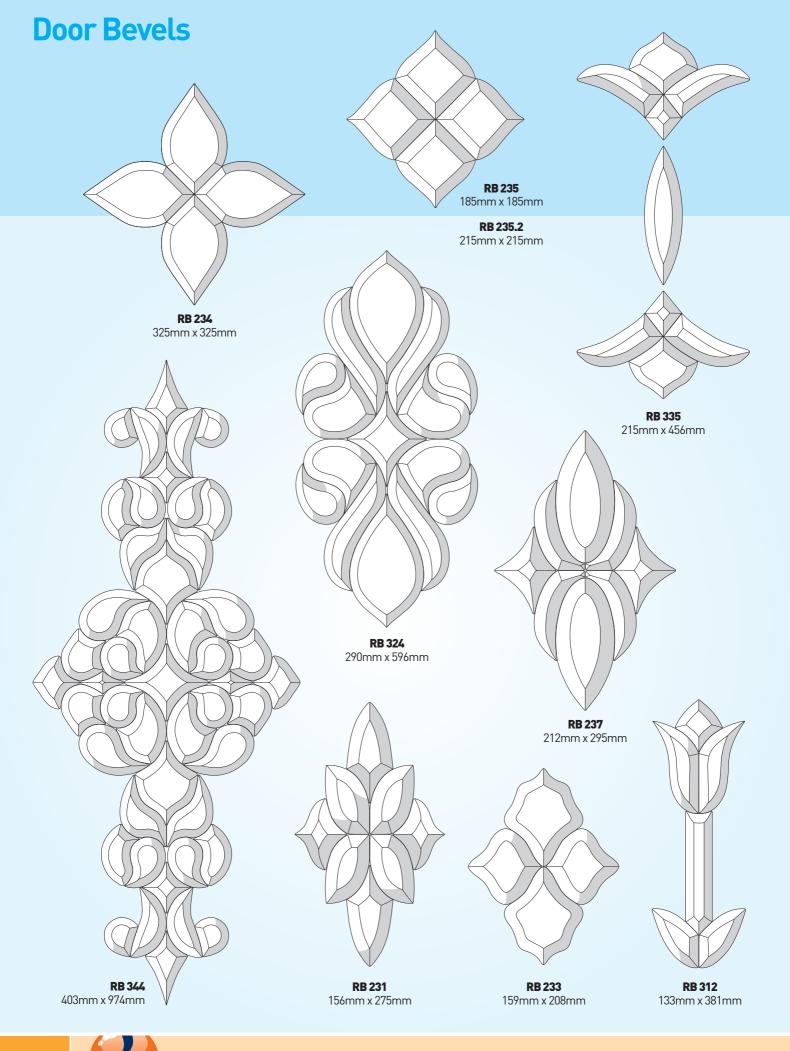
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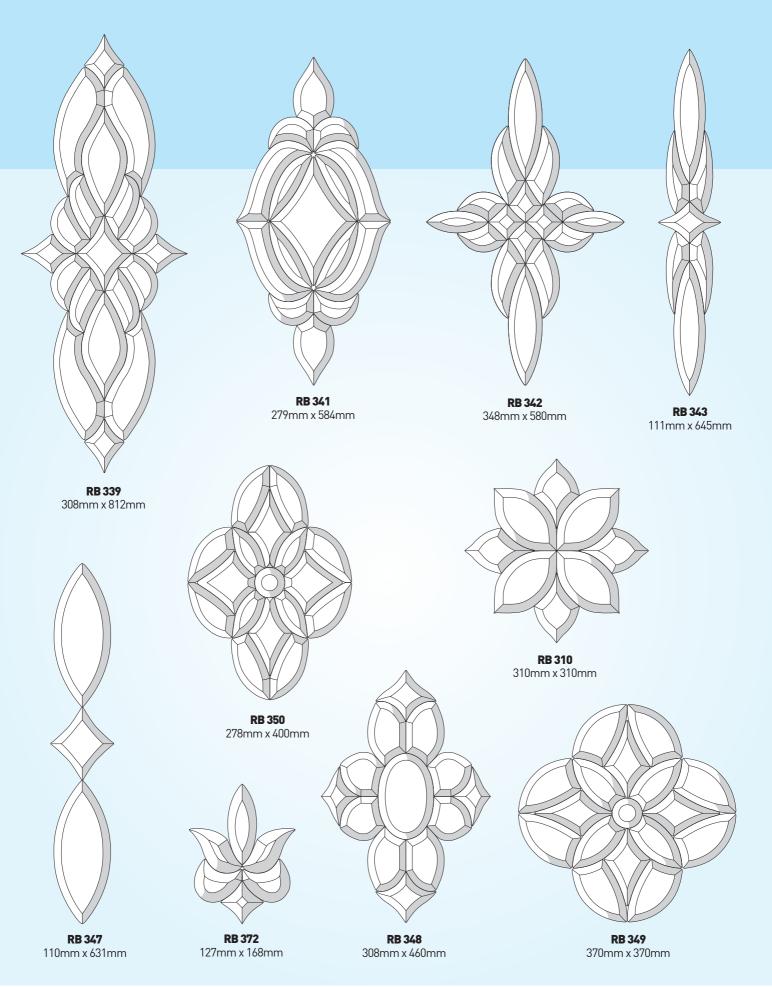


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# **Door Bevels**

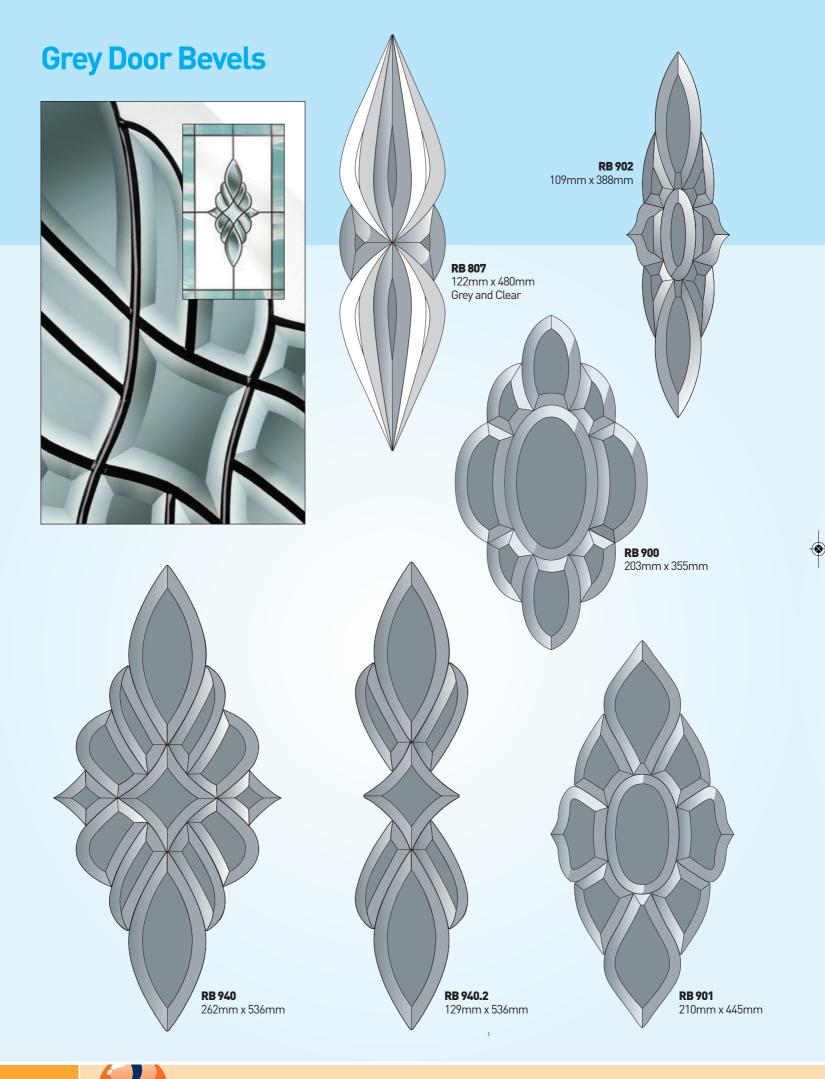
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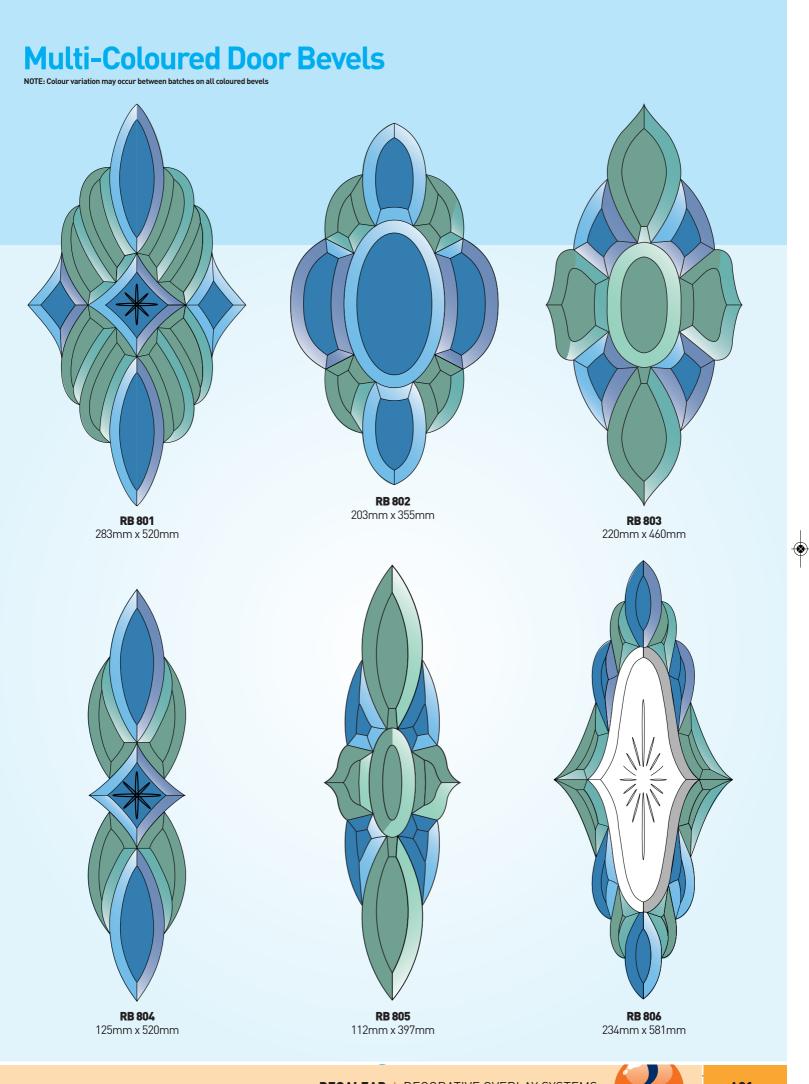
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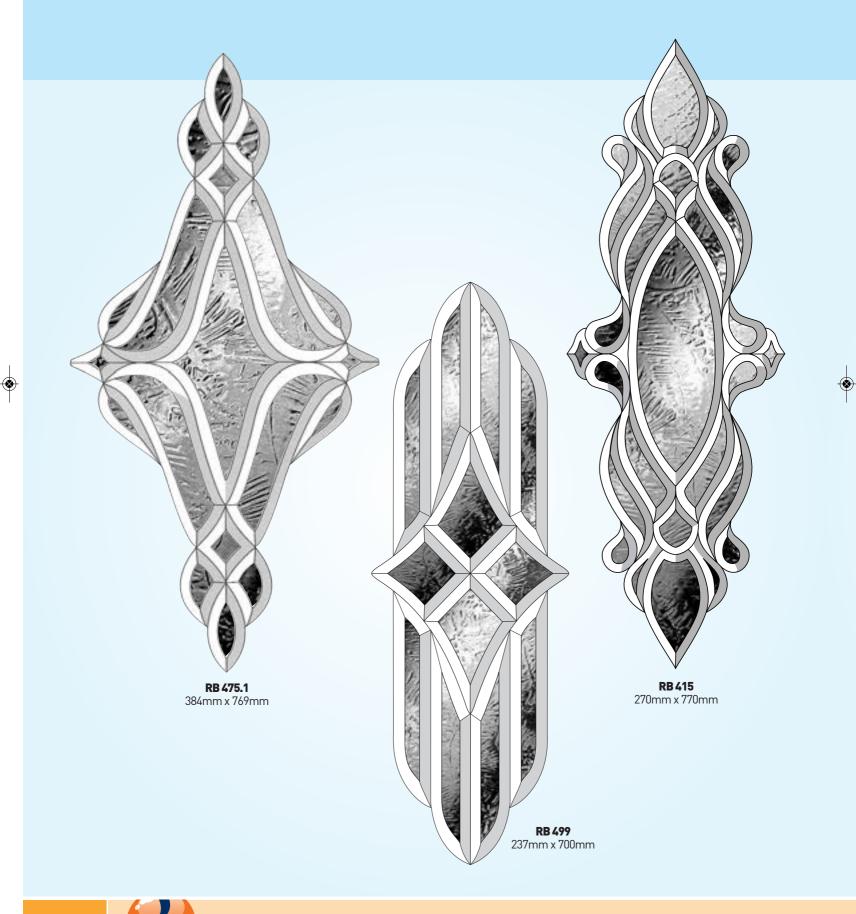
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# **Glue Chip Door Bevels**

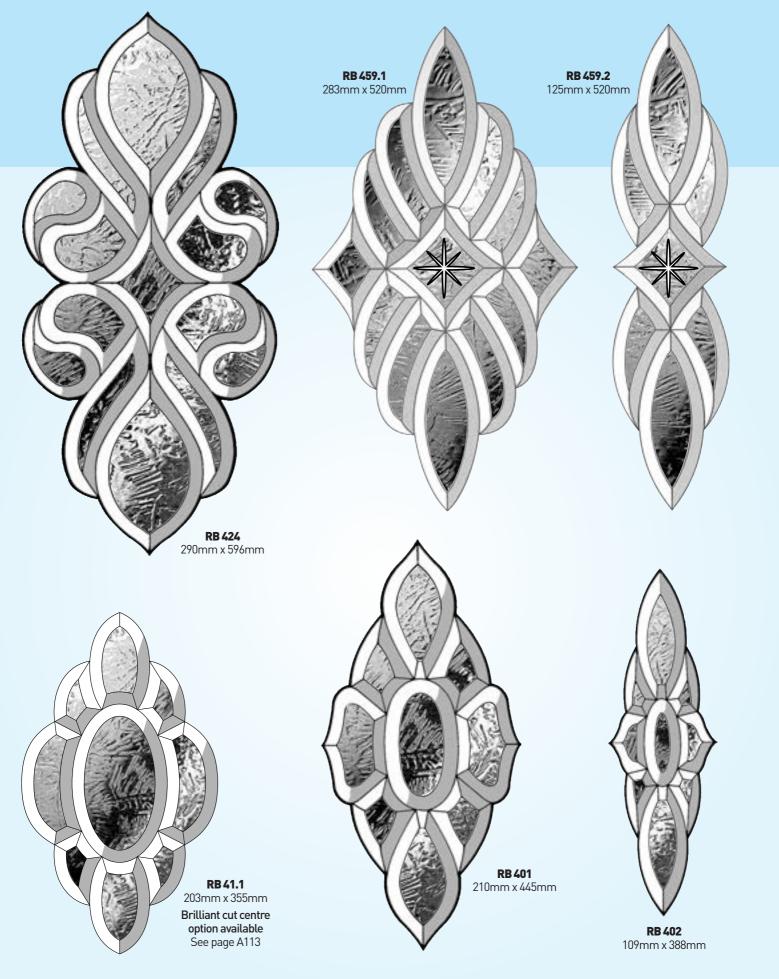
RegaLead Glue Chip finish is created by employing the authentic age-old traditional technique of applying a strong glue coating to the surface of the glass and then removing it to leave the distinctive textured appearance.



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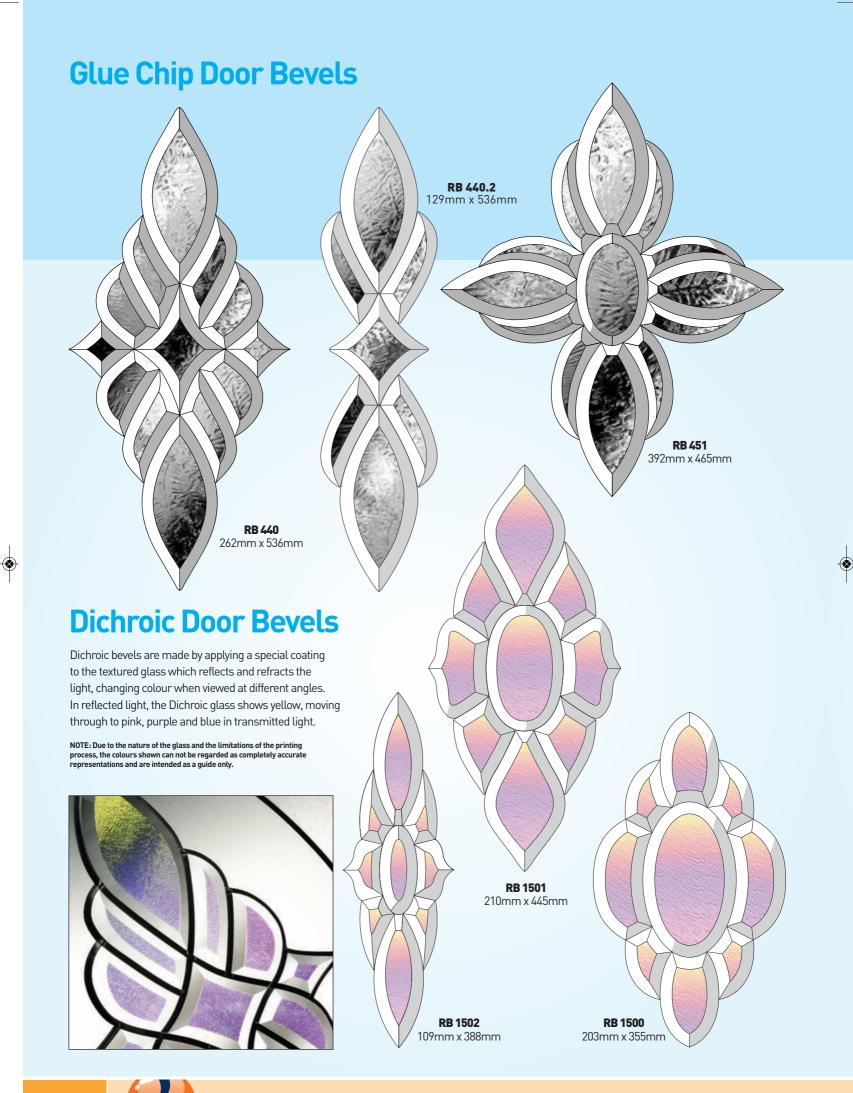
# **Glue Chip Door Bevels**

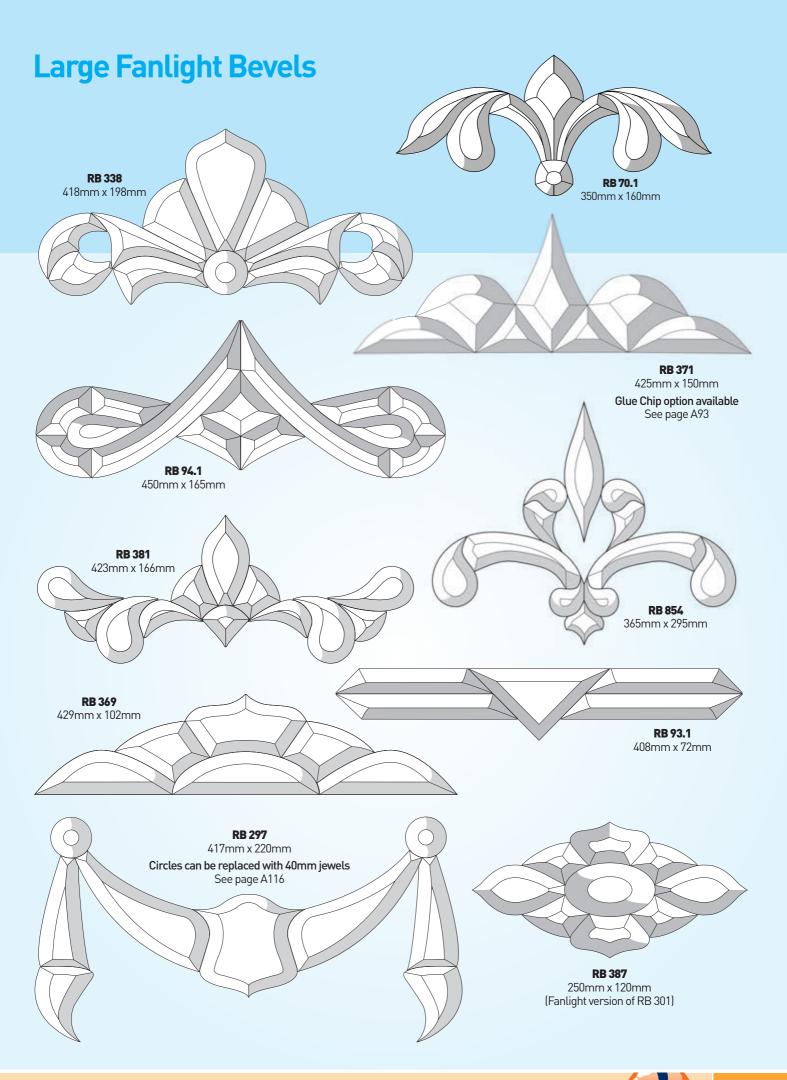
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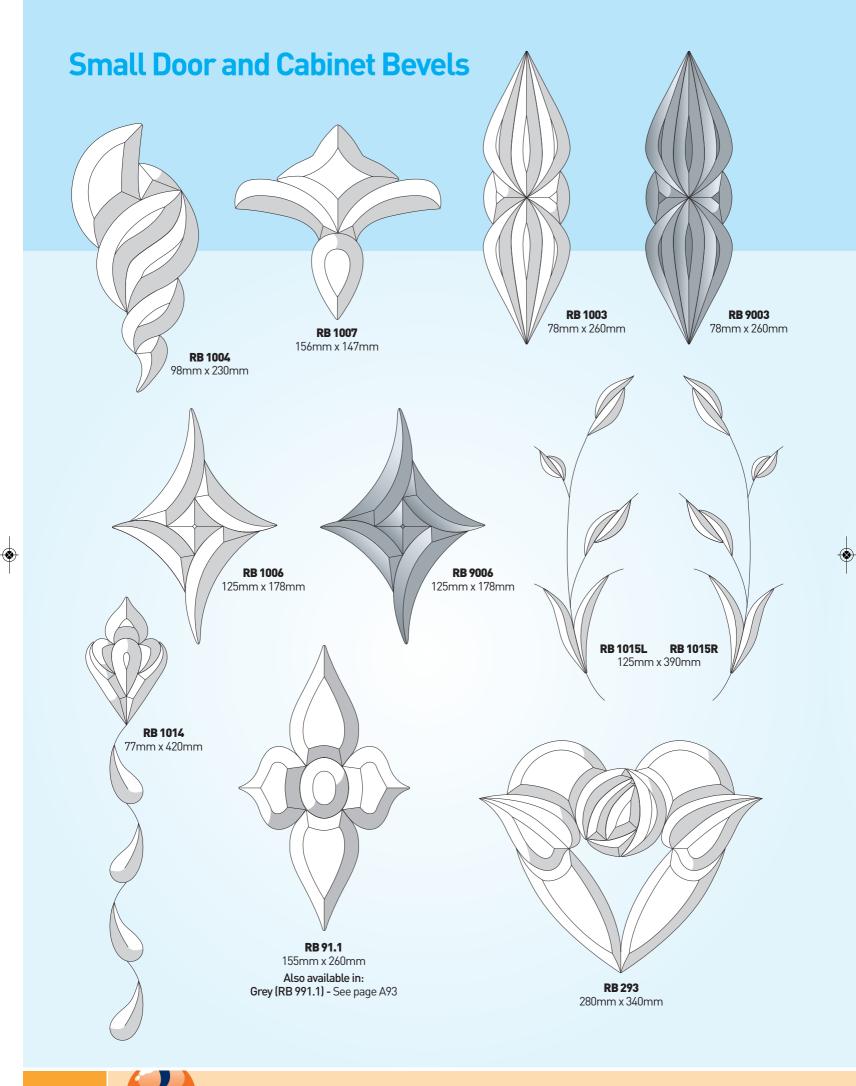


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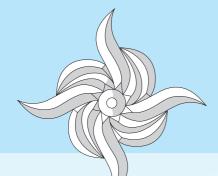




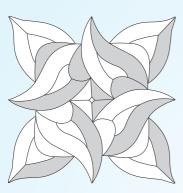


#### **REGALEAD** | DECORATIVE OVERLAY SYSTEMS

# **Fanlight Bevels**

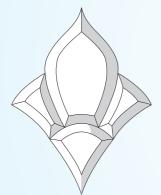


**RB 280** 274mm x 274mm

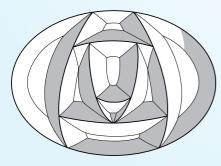


**RB 284** 150mm x 150mm

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**RB 246** 126mm x 170mm

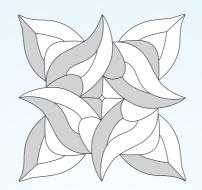


**RB 88.1** Mackintosh Style Rose 162mm x 116mm

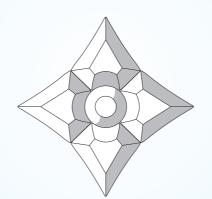


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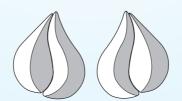
**RB 280.2** 274mm x 274mm



**RB 284.2** 150mm x 150mm



RB 92.1 170mm x 170mm Centre can be replaced with 40mm jewel See page A116 Also available in: Dichroic (RB 1592.1) - See page A95 Grey (RB 992.1) - See page A93

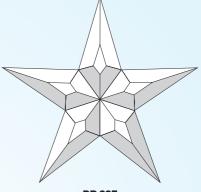


**RB 95.2** Mackintosh Style Leaves Pair of 2 piece leaves each 40mm x 50mm

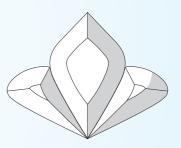
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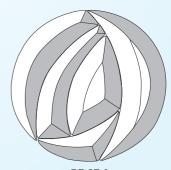
**RB 290** 183mm x 234mm Seamed



**RB 285** 204mm x 204mm



**RB 267** 120mm x 95mm

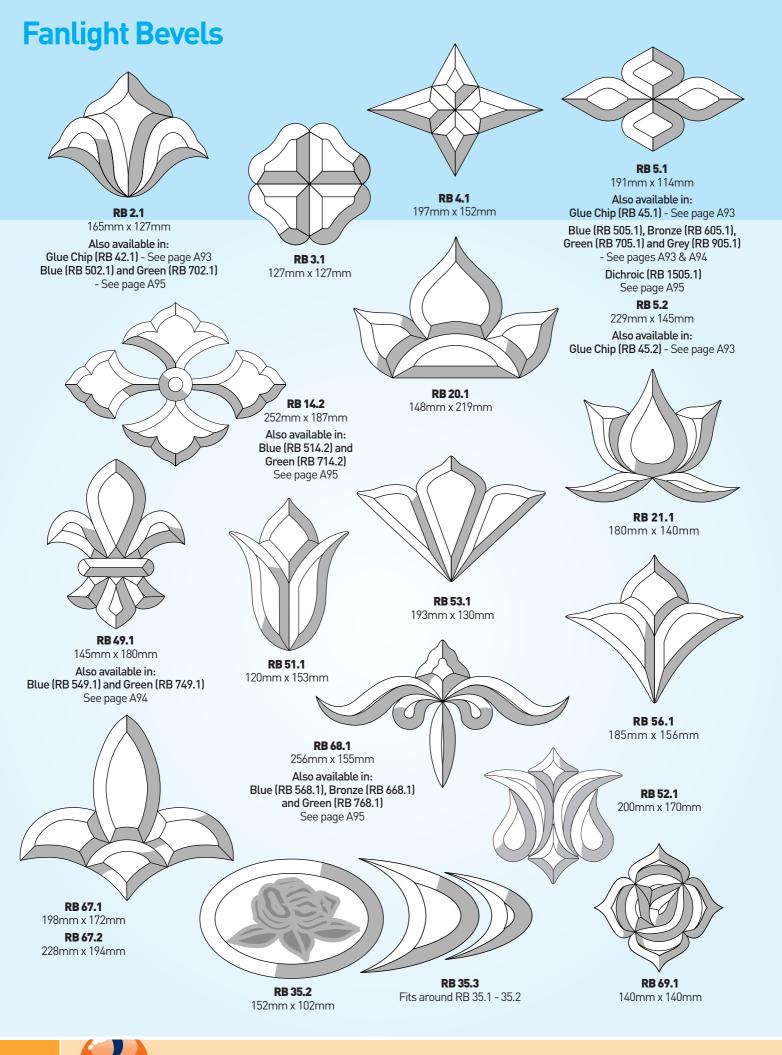


**RB 95.1** Mackintosh Style Rose 110mm Diameter

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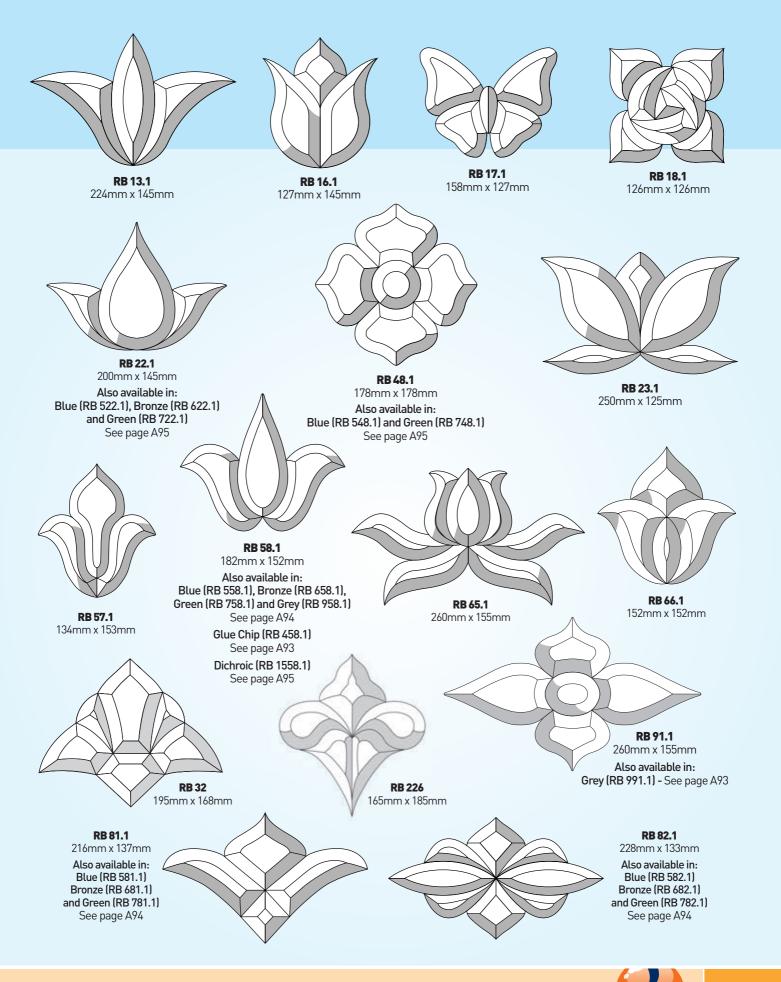


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# **Fanlight Bevels**

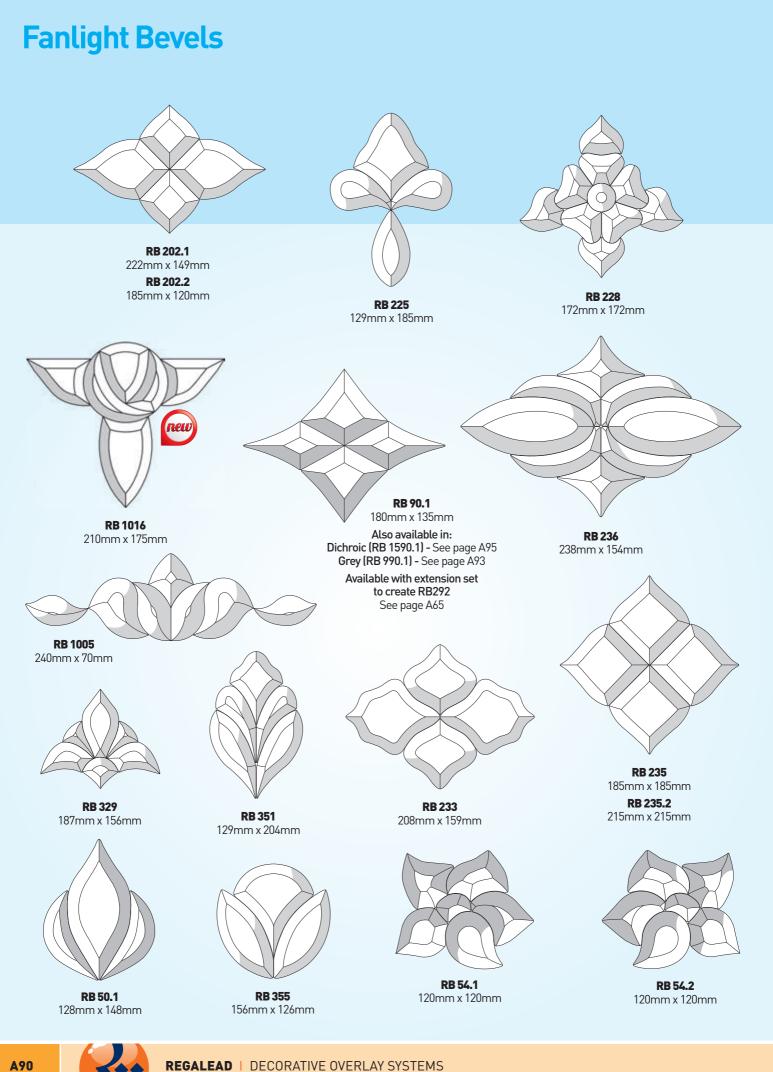
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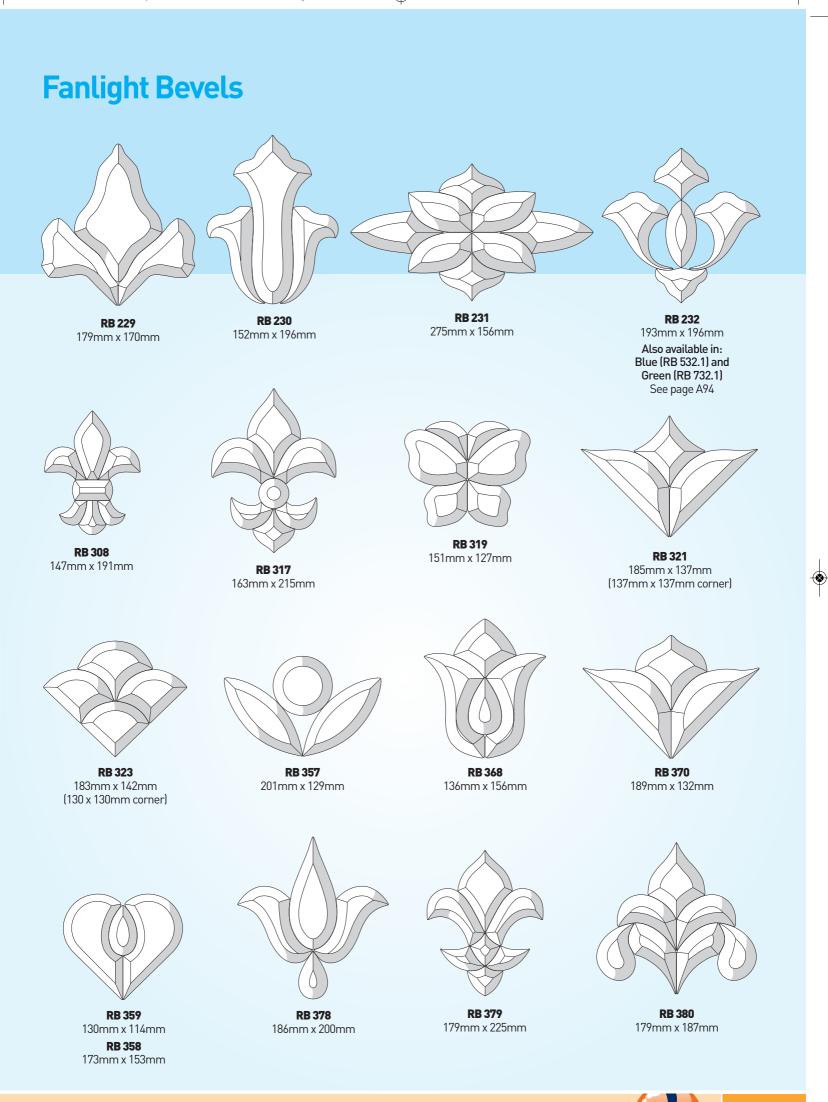




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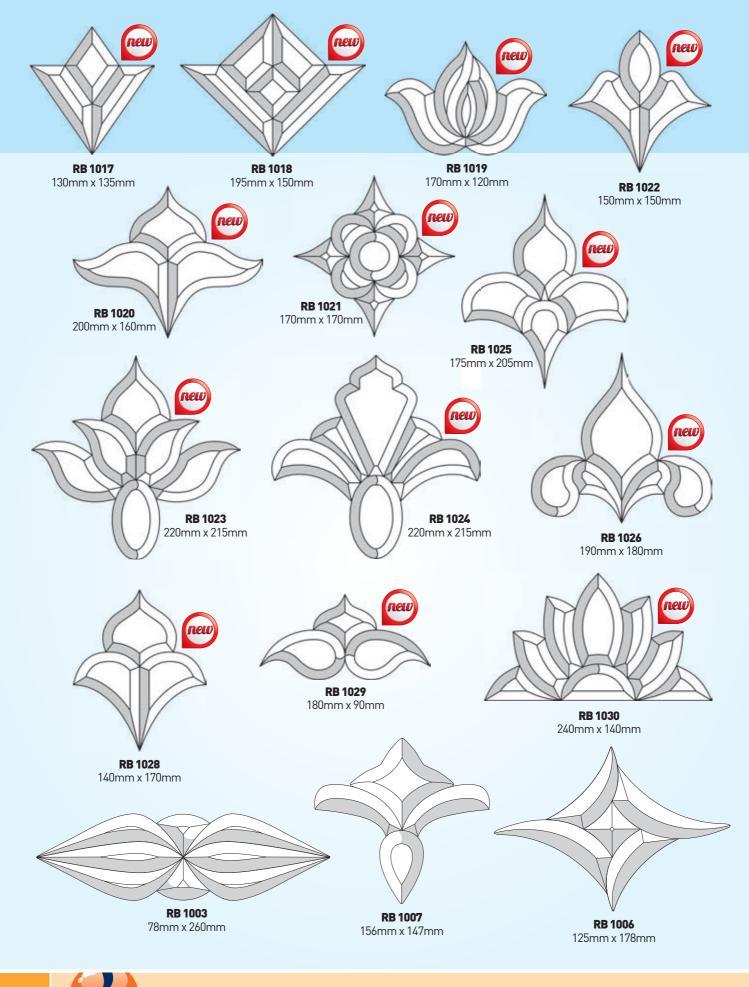


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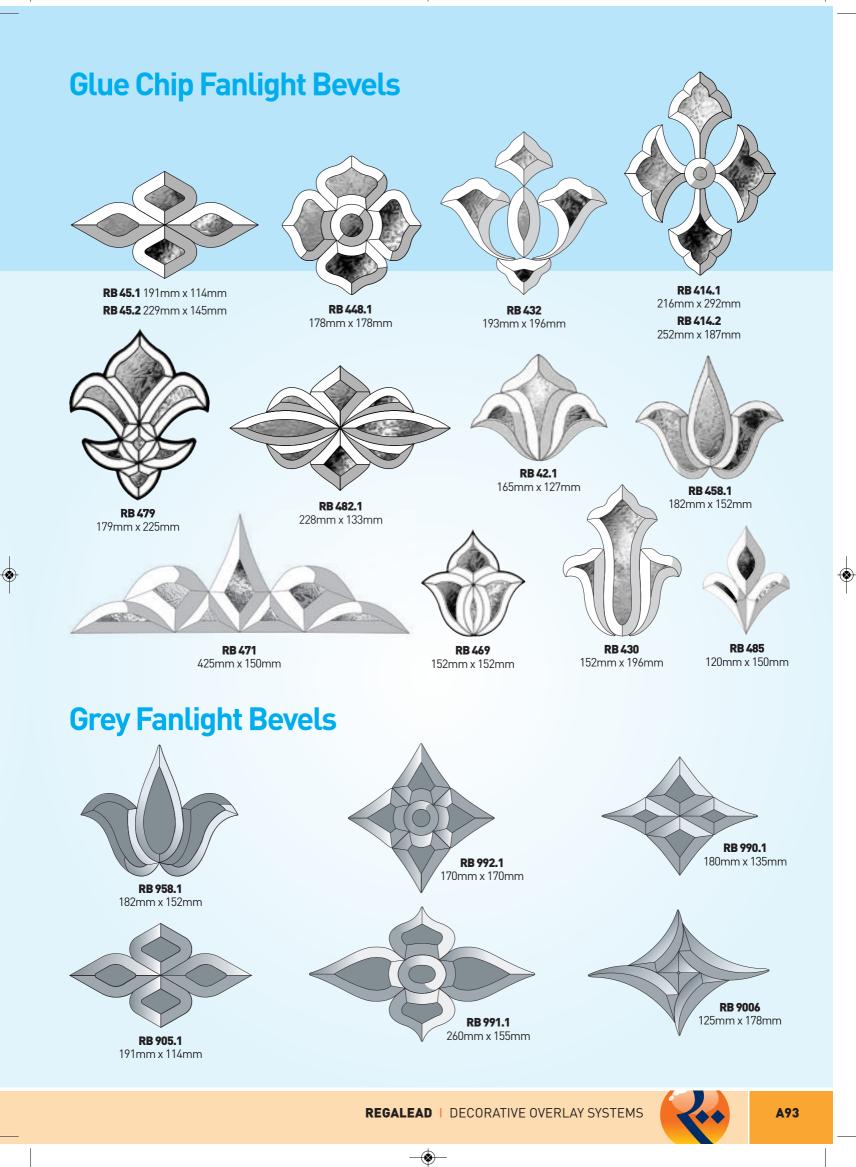
# **Fanlight Bevels**

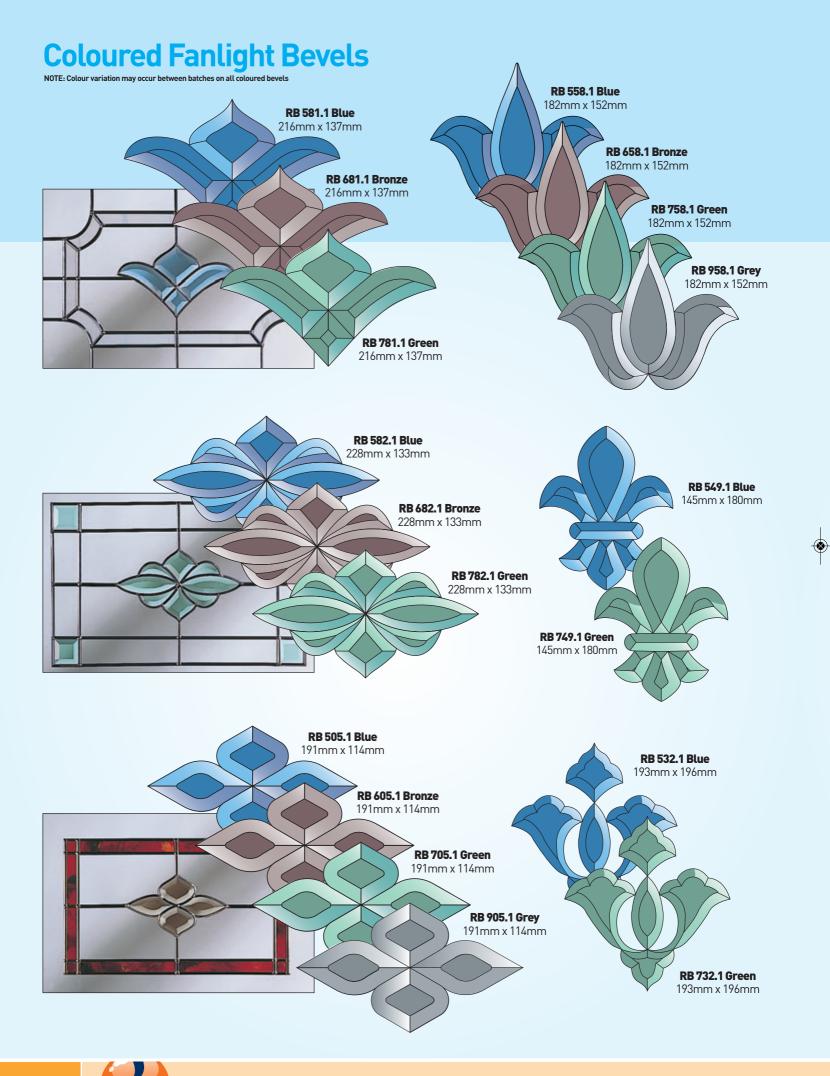


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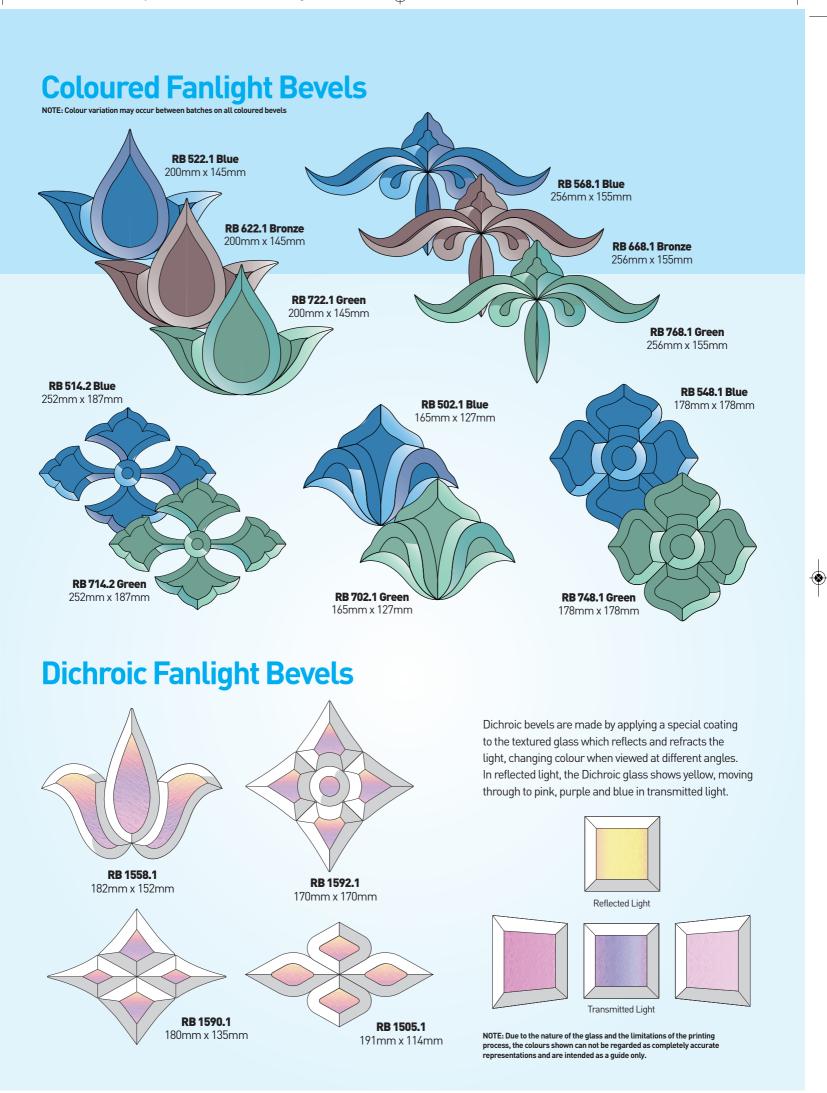
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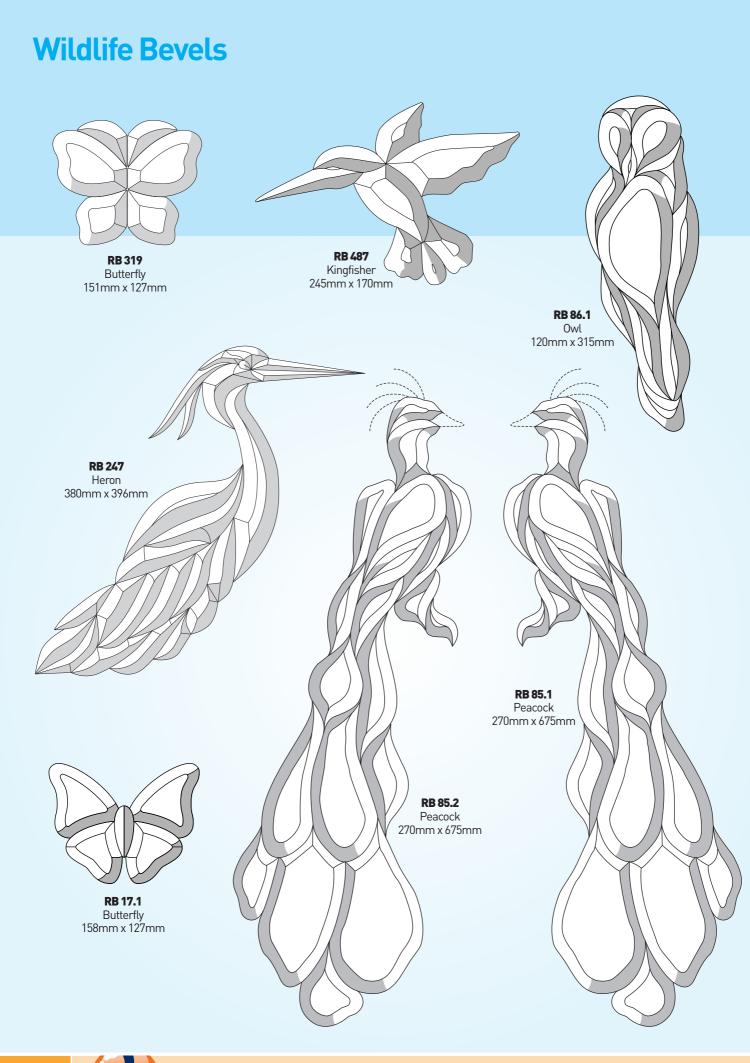
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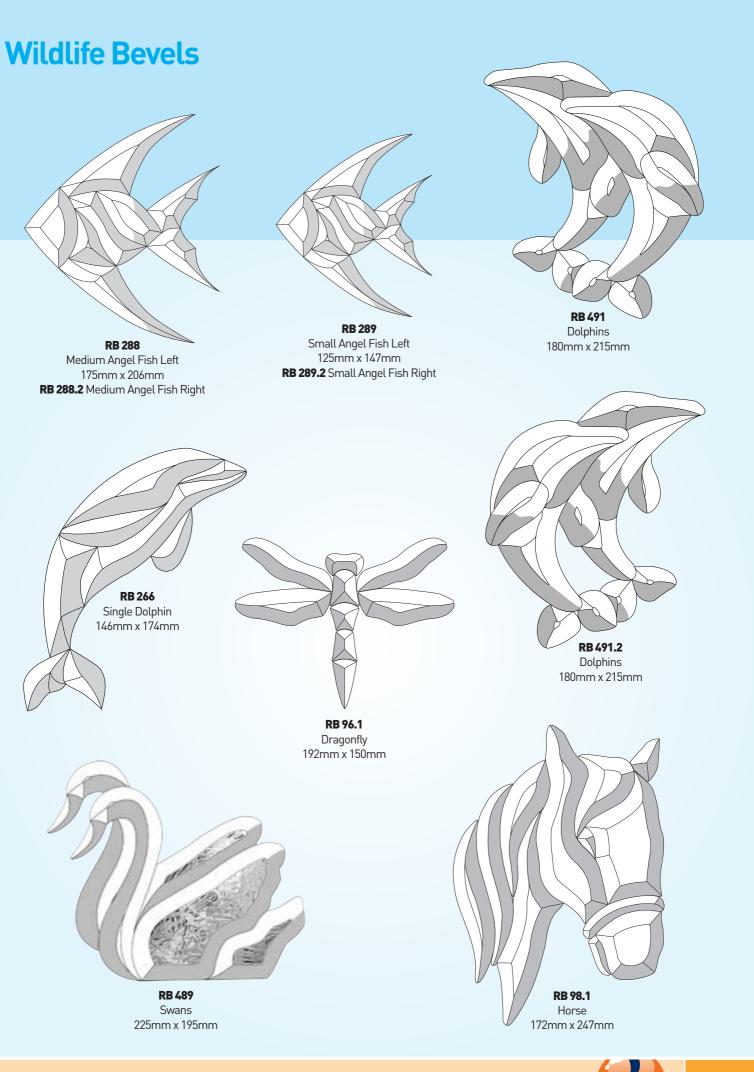


Page 44 -



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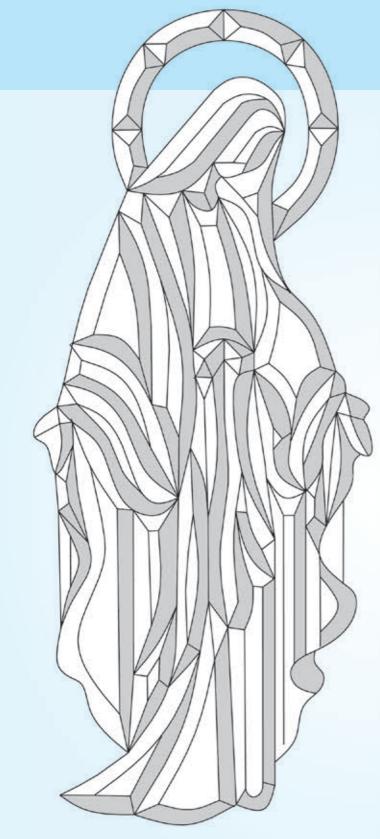
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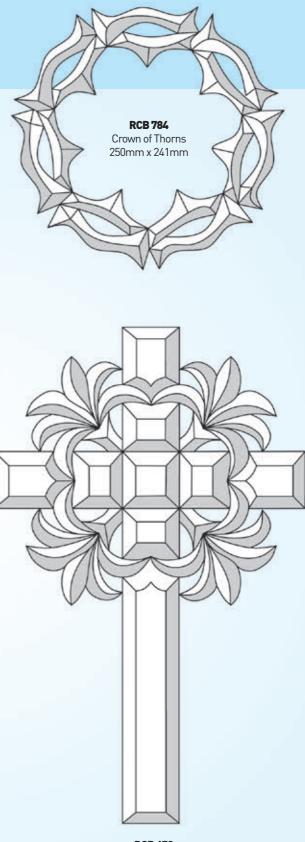


# **Christian Symbol Bevels**

All RCB bevels are non-stock items and may take up to 4 weeks for shipping. Contact our Sales Office for availability.

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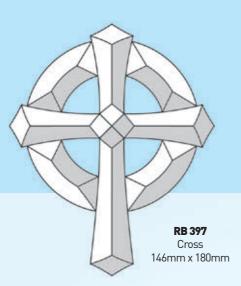
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**RCB 450** Cross with Lillies 286mm x 457mm

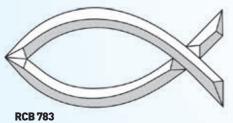
**RCB 448** Virgin Mary 310mm x 750mm

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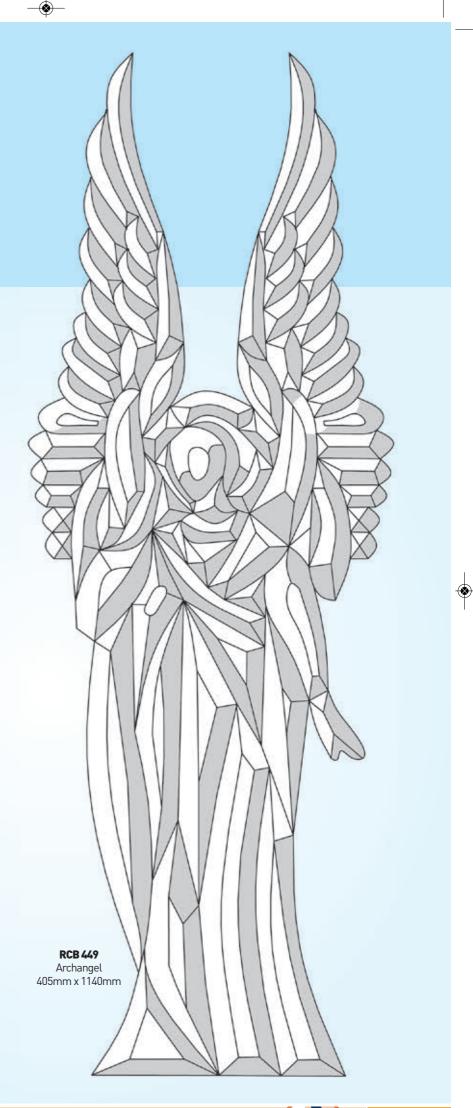




Faith Fish 200mm x 91mm

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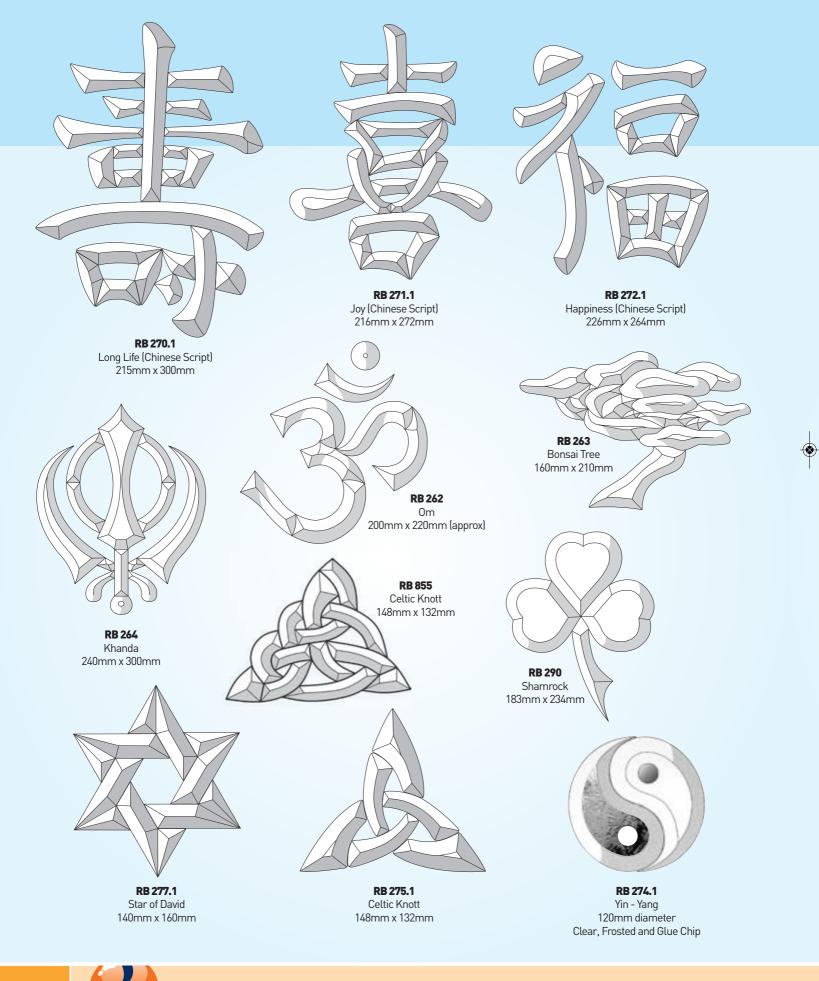


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### World Symbol Bevels

All bevels featured on this page are seamed edge.



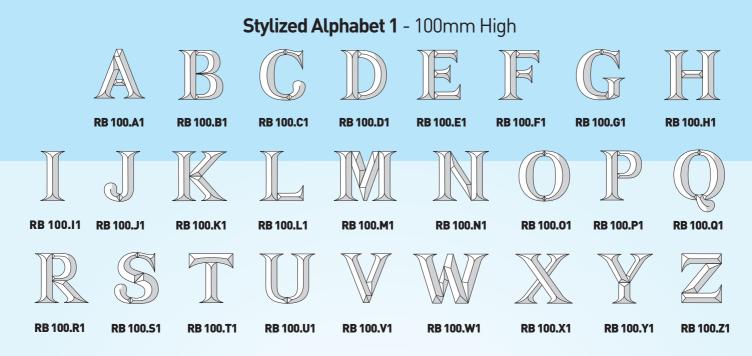
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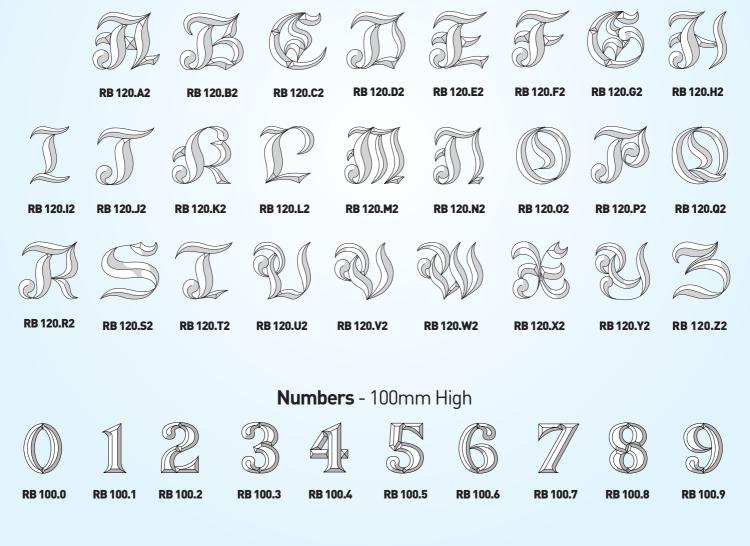
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### **Alphabet and Number Bevels**



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### Stylized Alphabet 2 - 120mm High



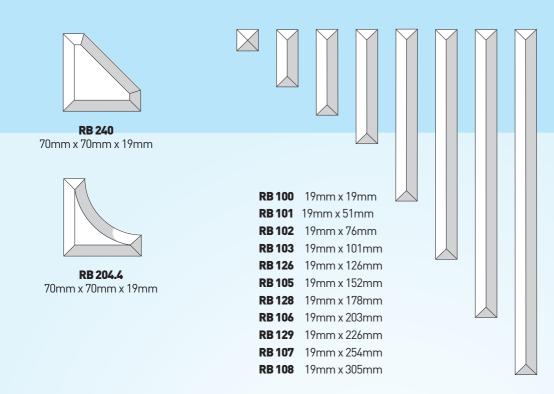


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# **Border, Corner and Pencil Bevels**

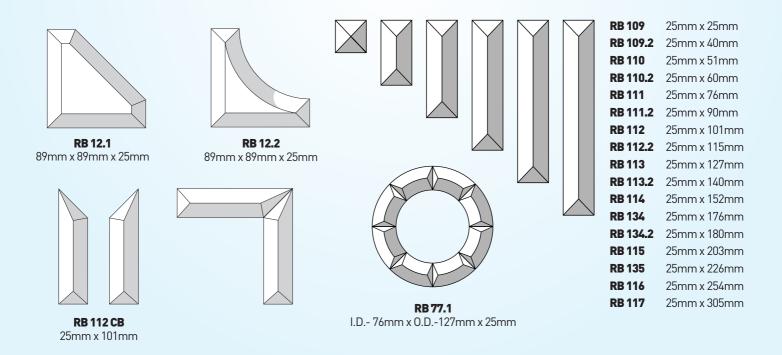
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19mm Border System



# **Border, Corner and Pencil Bevels**

25mm Border System



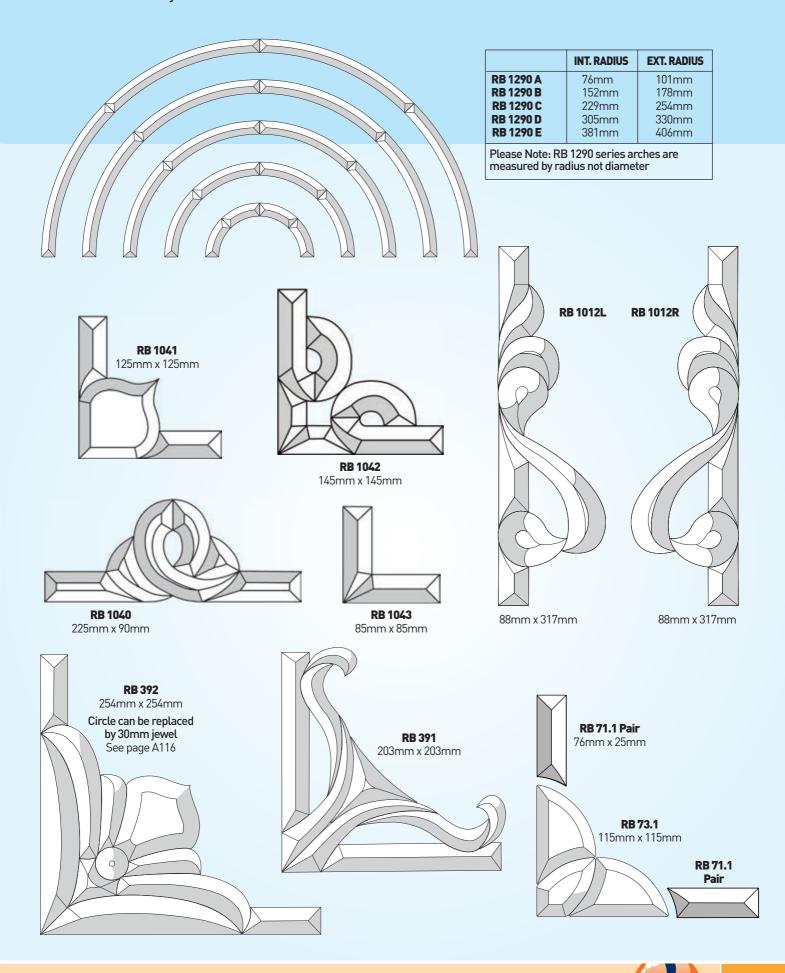
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#### **REGALEAD** | DECORATIVE OVERLAY SYSTEMS

### **Border, Corner and Pencil Bevels**

25mm Border System

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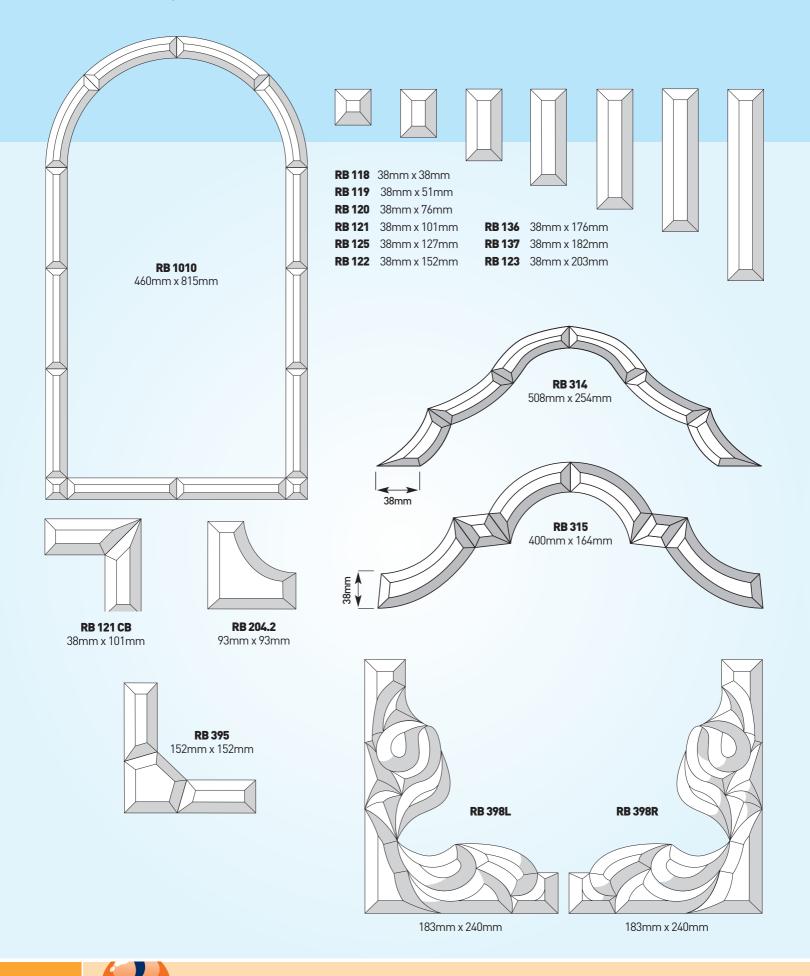
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**REGALEAD** | DECORATIVE OVERLAY SYSTEMS

A103

### **Border, Corner and Pencil Bevels**

38mm Border System

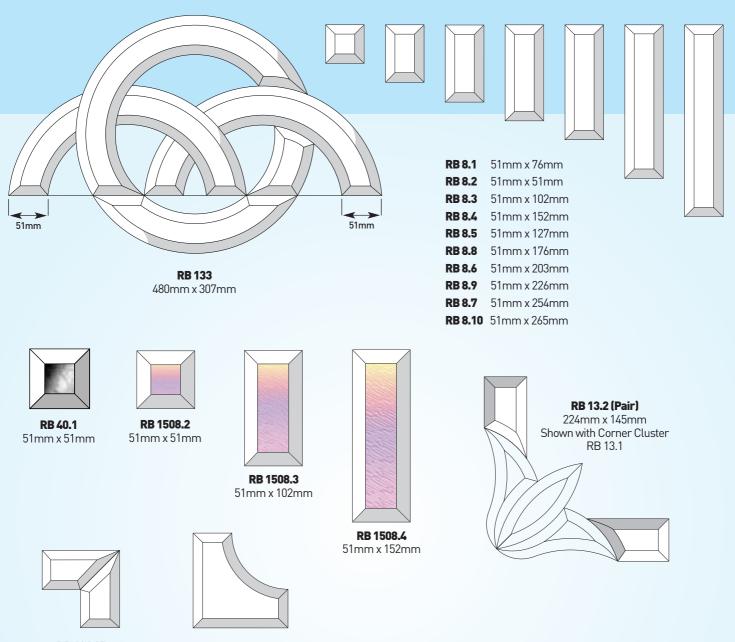


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### **Border, Corner and Pencil Bevels**

51mm Border System



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**RB 124 CB** 51mm x 101mm

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RB 204.1

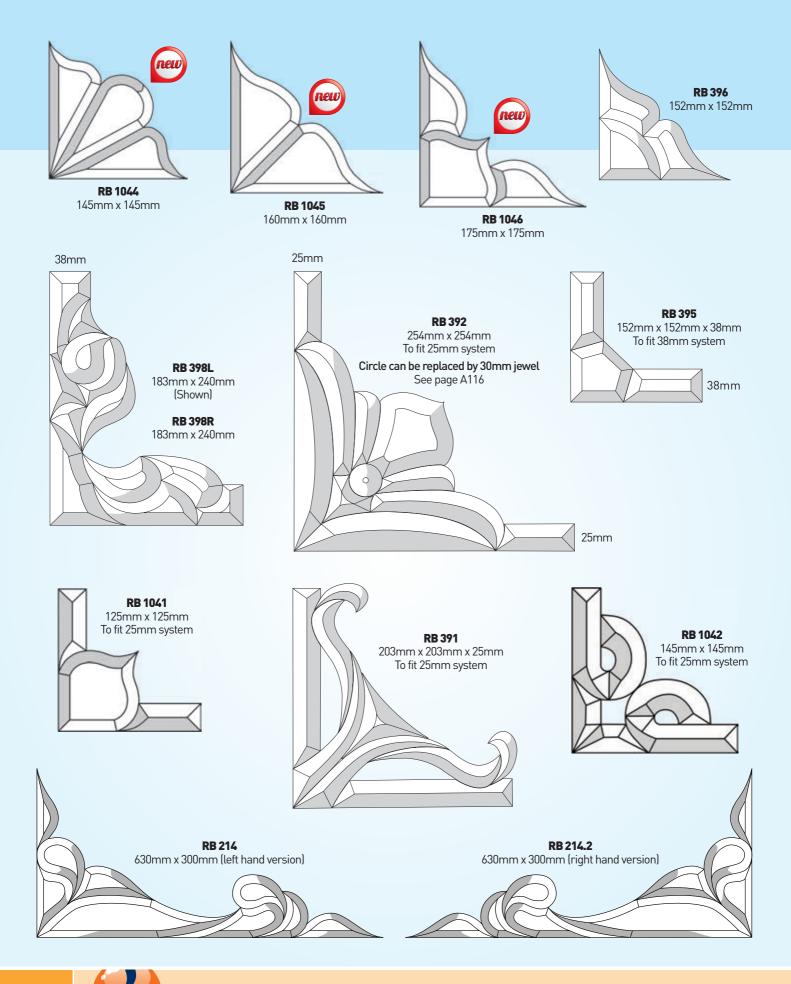
125mm x 125mm



A105

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### **Corner Cluster Bevels**

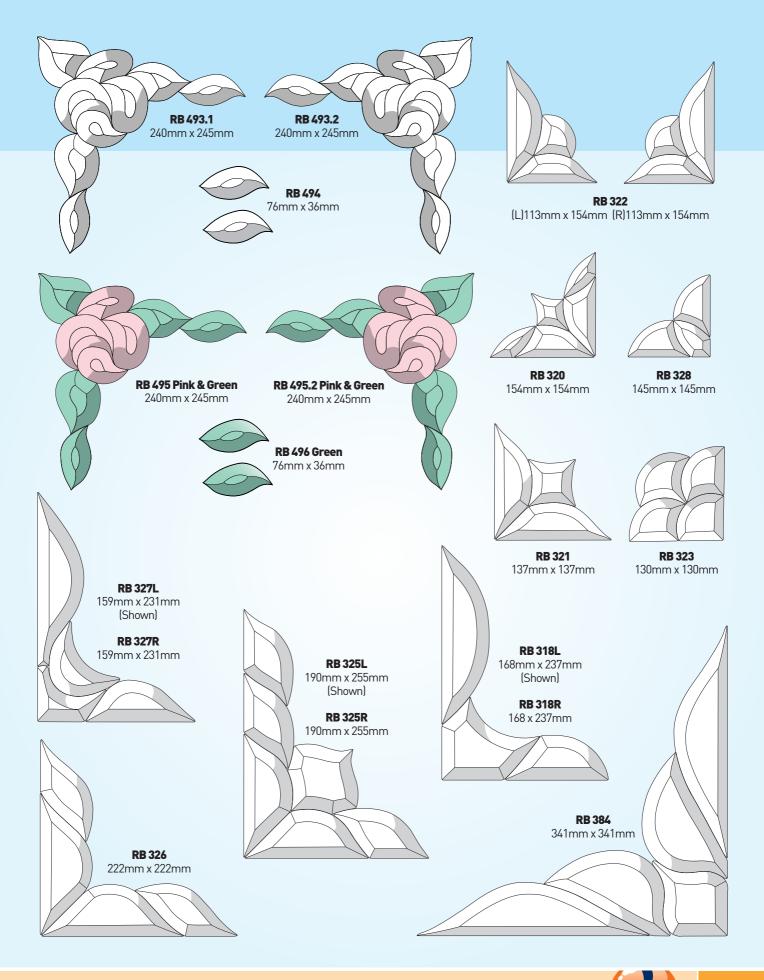


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#### **REGALEAD** | DECORATIVE OVERLAY SYSTEMS

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## **Corner Cluster Bevels**



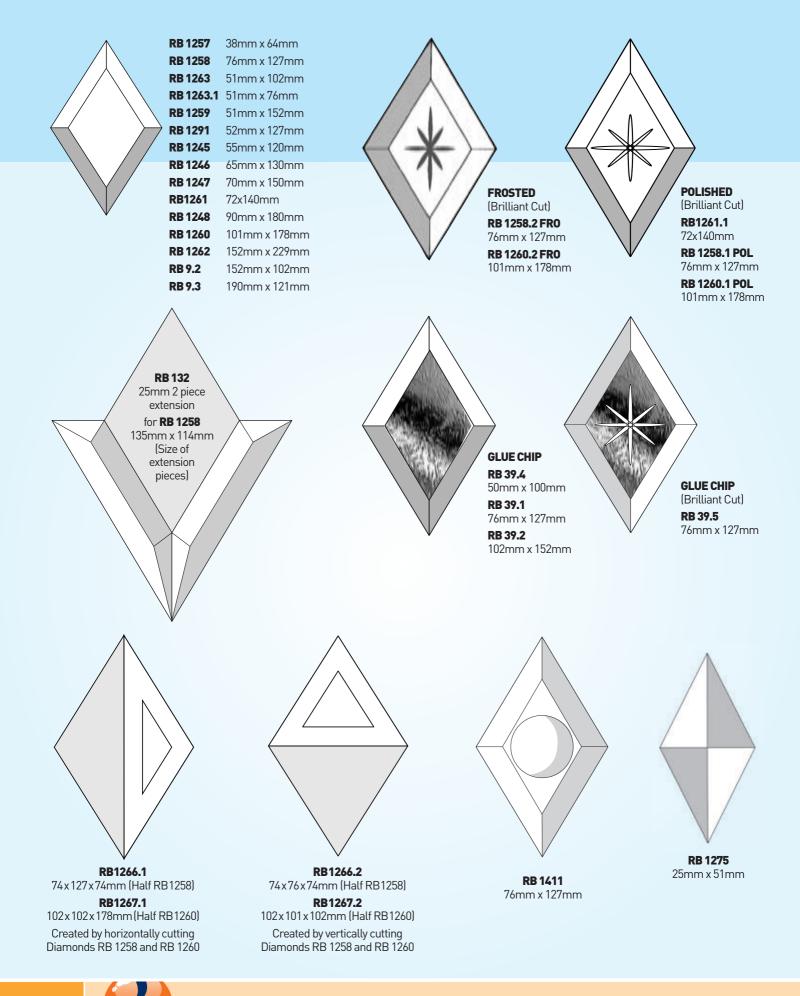
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#### **REGALEAD** | DECORATIVE OVERLAY SYSTEMS

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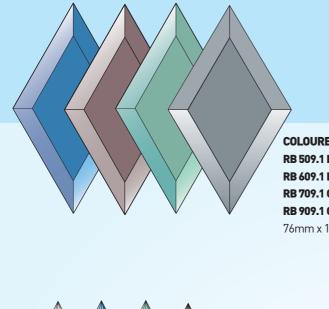
A107

### **Diamond Bevels**

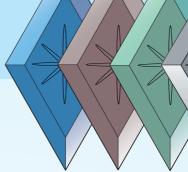


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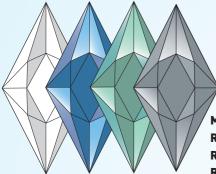






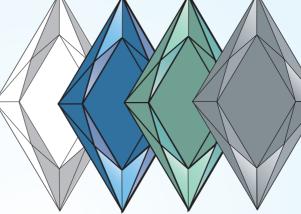
#### COLOURED

(Brilliant Cut) RB 509.2 Blue RB 609.2 Bronze RB 709.2 Green RB 909.2 Grey 76mm x 127mm



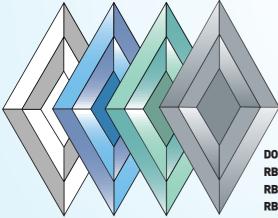
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#### **MULTI-FACETED** RB 1321 Clear **RB 1322 Blue** RB 1323 Green RB 1324 Grey 76mm x 127mm

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**DOUBLE-FACETED** RB 1331 Clear **RB 1332 Blue** RB 1333 Green RB 1334 Grey 76mm x 127mm

DICHROIC **RB 1563** 51mm x 102mm

RB 1509.1 76mm x 127mm RB 1560 101mm x 178mm

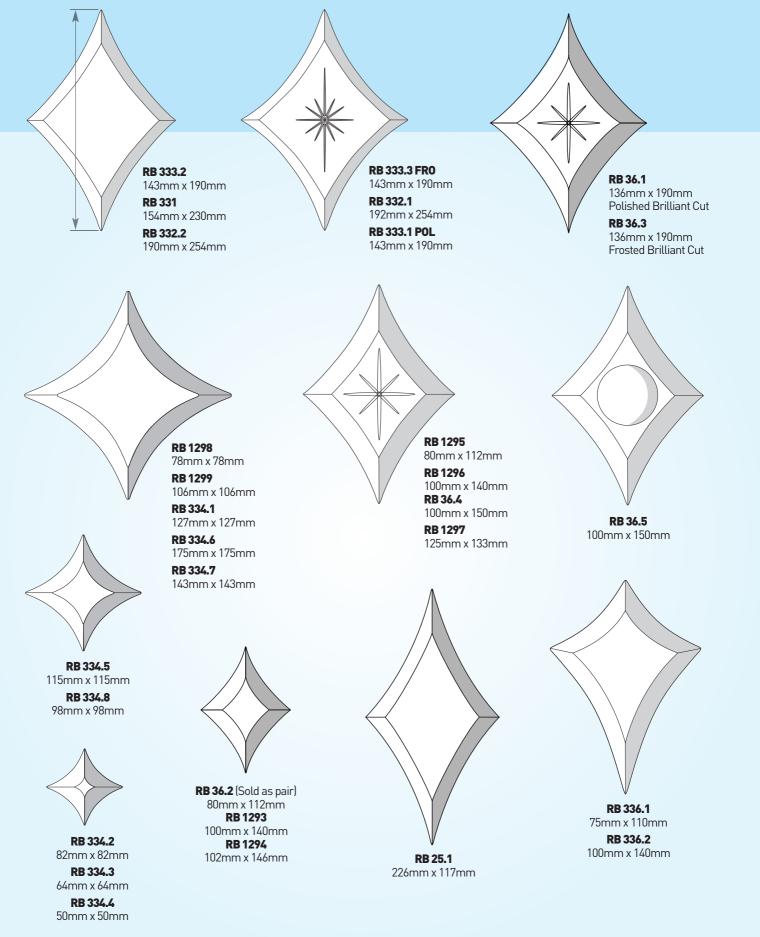




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### **Star Bevels**

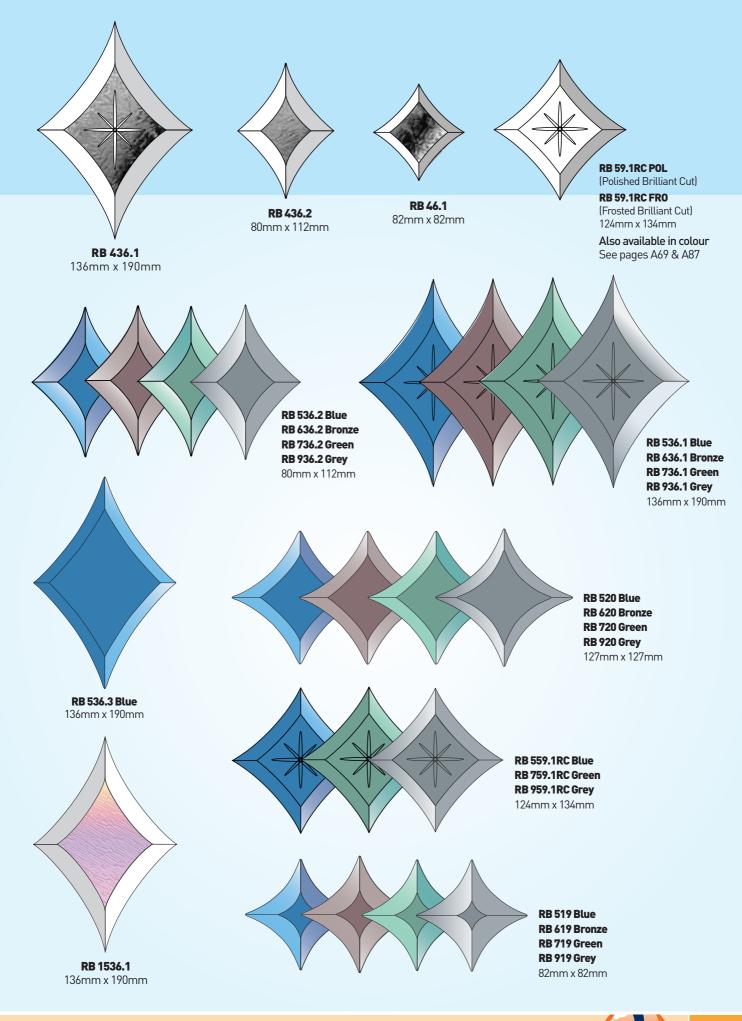
PLEASE NOTE: Star Bevels dimensions are Point to Point as shown.



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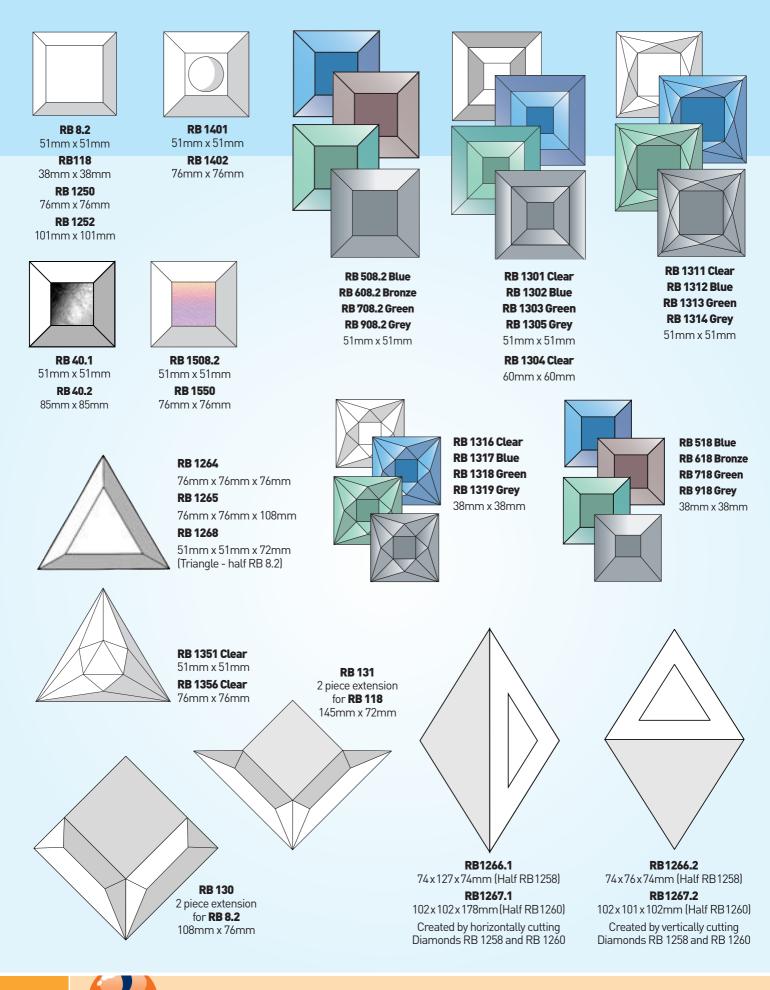


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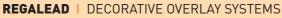
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### **Square and Triangle Bevels**



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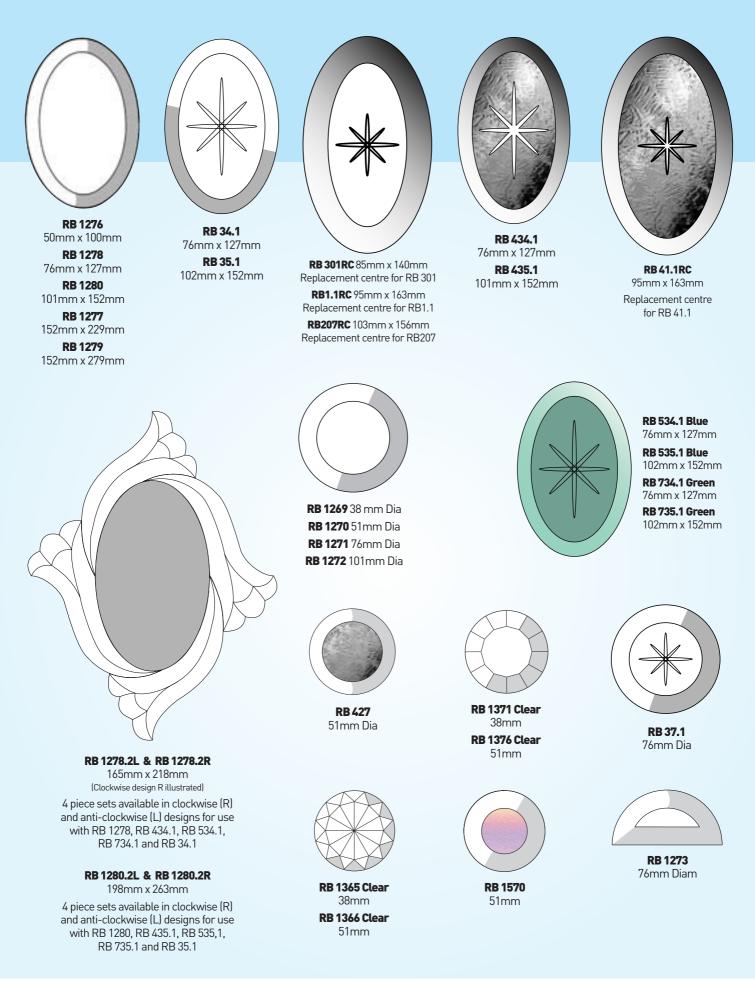


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### **Oval and Circle Bevels**

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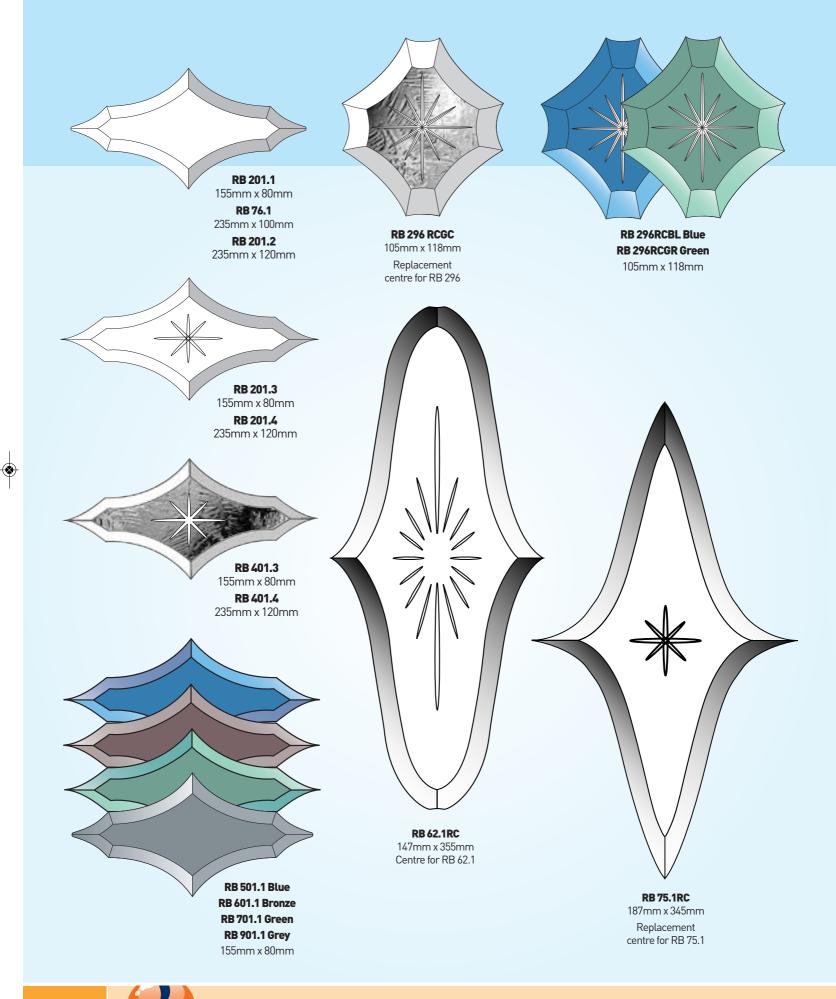




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### **Single Piece Feature Bevels**

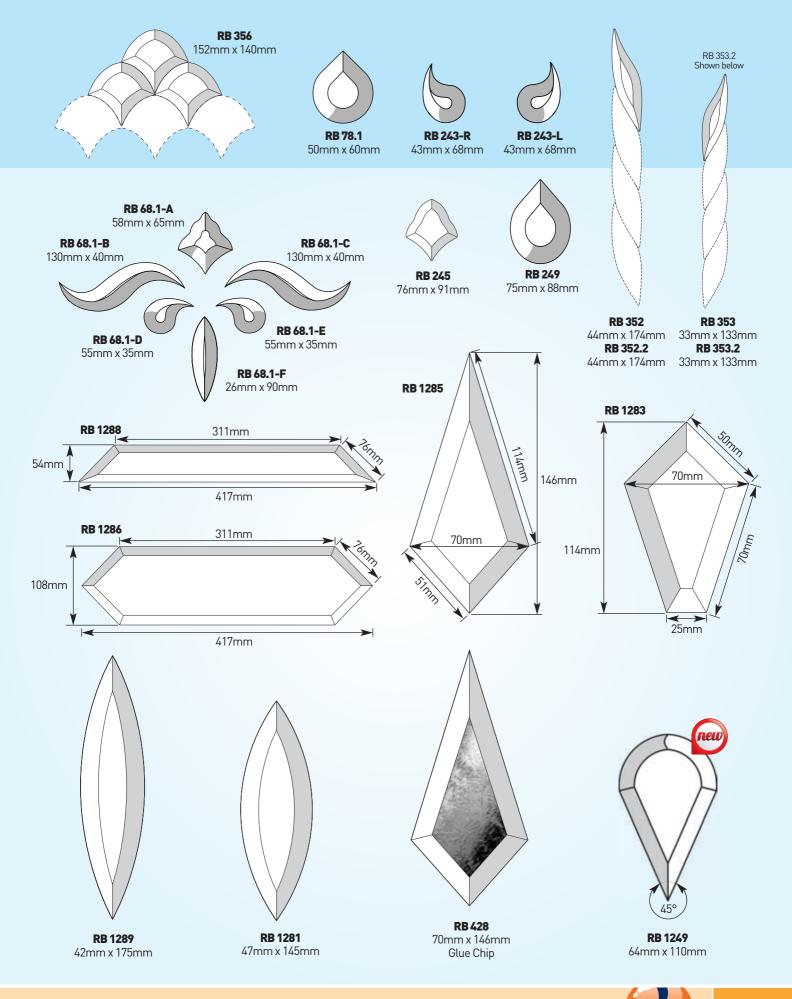


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### **Single Piece Feature Bevels**



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**Rega Jewels** 



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'seeds' can occur.



Clear

Amber

Amethyst

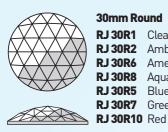
Aquamarine

40mm Round

Blue

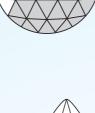
Green

Red

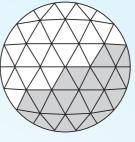


30mm Round RJ 30R1 Clear RJ 30R2 Amber RJ 30R6 Amethyst

**RJ 30R8** Aquamarine **RJ 30R5** Blue RJ 30R7 Green



RJ40R1 Clear RJ40R2 Amber RJ 40R6 Amethyst **RJ 40R8** Aquamarine **RJ 40R5** Blue RJ 40R7 Green RJ 40R10 Red

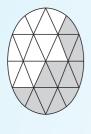


#### 50mm Round

Please Note: Glass jewels are hand-made

therefore slight variation in colour and small

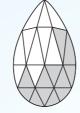
RJ 50R1 Clear RJ 50R2 Amber RJ 50R6 Amethyst RJ 50R8 Aquamarine RJ 50R5 Blue RJ 50R7 Green RJ 50R10 Red



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#### 40mm x 30mm Oval RJ 4001 Clear

RJ 4002 Amber RJ 4006 Amethyst RJ 4008 Aquamarine RJ 4005 Blue RJ 4007 Green RJ 40010 Red



40mm x 24mm Teardrop RJ 40T1 Clear RJ40T2 Amber **RJ 40T6** Amethyst **RJ 40T8** Aquamarine

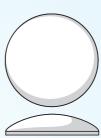
Blue

Green

**RJ 40T5** 

**RJ 40T7** 

RJ 40T10 Red



#### 35mm Round Plain

RJ 35P1 Clear RJ 35P2 Amber RJ 35P6 Amethyst **RJ 35P8** Aquamarine RJ 35P5 Blue RJ 35P7 Green RJ 35P10 Red

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Roundels

Roundels are a common feature in Victorian and Edwardian glass designs and until now, it has not been possible to include these elements into Decorative Overlay glass panels. With our new manufacturing technique, we can now offer the beauty of these 60mm diameter Roundels with the practicality of smooth backs making them ideal for bonding with UV adhesives.







**®**-



# **FUSED GLASS TILES**

Four unique ranges selected from across Europe and America, make up our collection of Fusion Tiles. By blending traditional techniques with contemporary designs, our range is the essence of stylish glass decoration.



**REGALEAD** | DECORATIVE OVERLAY SYSTEMS



### **Fusion Tile Finder**

**FUSION** Square Tiles

|  |  | re mes   |
|--|--|--|
| CODE<br>RFUS01   | DESCRIPTION<br>60x60mm   | PAGE A122  |
| RFUS03   | 60x60mm  | Dark/Mid/Sky BlueA122<br>Red/Orange/AmberA122  |
| RFUS04   | 60x60mm  | Dark/Mid/Sea Green   |
| RFUS05   | 60x60mm  | Dark/Mid/Sky Blue  |
| RFUS07   | 60x60mm  | Red/Orange/Amber   |
| RFUS08   | 60x60mm  | Dark/Mid/Sea GreenA122   |
| RFUS09   | 60x60mm  | Dark/Mid/Sky Blue  |
| RFUS11   | 60x60mm  | Red/Orange/AmberA124   |
| RFUS12   | 60x60mm  | Dark/Mid/Sea GreenA124   |
| RFUS13   | 60x60mm  | Dark/Sky BlueA123  |
| RFUS14   | 60x60mm  | Red/AmberA123  |
| RFUS16   | 60x60mm  | Dark/Sea GreenA123   |
| RFUS29   | 60x60mm  | Dark/Mid/Sky Blue  |
| RFUS31   | 60x60mm<br>60x60mm   | Red/Orange/AmberA124   |
| RFUS32<br>RFUS37   | 60x60mm  | Dark/Mid/Sea GreenA124<br>Dark Blue on ClearA123   |
| RFUS37   | 60x60mm  | Mid Blue on Clear  |
| RFUS42   | 60x60mm  | Red on ClearA123   |
| RFUS43   | 60x60mm  | Orange on ClearA123  |
| RFUS44   | 60x60mm  | Dark Green on ClearA123  |
| RFUS45   | 60x60mm  | Mid Green on ClearA123   |
| RFUS46   | 60x60mm  | Black on ClearA123   |
| RFUS47   | 60x60mm  | Grey on ClearA123  |
| RFUS48   | 60x60mm  | White on ClearA123   |
| RFUS49   | 60x60mm  | Dark/Mid/Sky BlueA122  |
| RFUS50   | 60x60mm  | Dark/Mid/Sky Blue  |
| RFUS55   | 60x60mm  | Dark/Sky Blue on Clear   |
| RFUS56   | 60x60mm  | Red/Amber on Clear   |
| RFUS57<br>RFUS58   | 60x60mm<br>60x60mm   | Dark Green/Sea Green on ClearA124<br>Black on ClearA124  |
| RFUS58   | 60x60mm  | Grey on Clear  |
| RFUS60   | 40x40mm  | Dark/Sky Blue on Clear   |
| RFUS61   | 40x40mm  | Red/Amber on Clear   |
| RFUS62   | 40x40mm  | Dark/Sea Green on Clear  |
| RFUS64   | 40x40mm  | Black on ClearA124   |
| RFUS65   | 80x80mm  | Dark/Mid Sky Blue with ClearA125   |
| RFUS66   | 80x80mm  | Red/Orange/Amber with ClearA125  |
| RFUS67   | 80x80mm  | Dark/Mid Sea Green with ClearA125  |
| RFUS68   | 80x80mm  | Black/Grey/White with ClearA125  |
| RFUS69   | 40x40mm  | Dark Blue on ClearA123   |
| RFUS70   | 40x40mm  | Red/Orange/AmberA122   |
| RFUS71<br>RFUS72   | 40x40mm<br>40x40mm   | Red/Orange/AmberA122<br>Red on ClearA123   |
| RFUS72   | 40x40mm  | Dark/Mid/Sea Green   |
| RFUS74   | 40x40mm  | Dark/Mid/Sea Green   |
| RFUS75   | 40x40mm  | Dark Green on ClearA123  |
| RFUS76   | 40x40mm  | Black on ClearA123   |
| RFUS77   | 40x40mm  | Grey on ClearA123  |
| RFUS78   | 40x40mm  | White on ClearA123   |
| RFUS79   | 60x60mm  | Mackintosh RoseA126  |
| RFUS80   | 80x80mm  | DolphinA126  |
| RFUS81   | 80x80mm  | ChilliA126   |
| RFUS82<br>RFUS83   | 80x80mm<br>100x100mm   | Shell  |
| RFUS84   | 60x60mm  | Dark/Sky Blue on Clear   |
| RFUS85   | 60x60mm  | Red/Amber on Clear   |
| RFUS86   | 60x60mm  | Dark/Sea Green on Clear  |
| RFUS87   | 60x60mm  | Black/White on Clear   |
| RFUS88   | 60x60mm  | Clear TexturesA125   |
| RFUS89   | 60x60mm  | Clear TexturesA122   |
| RFUS90   | 60x60mm  | Clear TexturesA122   |
| RFUS91   | 60x60mm  | Clear Textures   |
| RFUS92   | 60x60mm  | Clear Textures   |
| RFUS93<br>RFUS94   | 60x60mm<br>60x60mm   | Clear Textures   |
|  |  |  |
|  |  |  |
| RFUS101<br>RFUS102   | 80x80mm<br>80x80mm   | Spirit of Fusion WhiteA127<br>Spirit of Fusion Blue  |
| RFUS101<br>RFUS102<br>RFUS104  | 80x80mm<br>80x80mm<br>80x80mm  | Spirit of Fusion BlueA127  |
| RFUS102  | 80x80mm  |  |
| RFUS102<br>RFUS104   | 80x80mm<br>80x80mm   | Spirit of Fusion Blue  |
| RFUS102<br>RFUS104<br>RFUS110<br>RFUS113<br>RFUS114  | 80x80mm<br>80x80mm<br>80x80mm<br>80x80mm<br>80x80mm  | Spirit of Fusion Blue  |
| RFUS102<br>RFUS104<br>RFUS110<br>RFUS113<br>RFUS114<br>RFUS115   | 80x80mm<br>80x80mm<br>80x80mm<br>80x80mm<br>80x80mm<br>80x80mm   | Spirit of Fusion Blue  |
| RFUS102<br>RFUS104<br>RFUS110<br>RFUS113<br>RFUS114<br>RFUS115<br>RFUS118  | 80x80mm<br>80x80mm<br>80x80mm<br>80x80mm<br>80x80mm<br>80x80mm<br>80x80mm<br>80x80mm   | Spirit of Fusion Blue  |
| RFUS102<br>RFUS104<br>RFUS110<br>RFUS113<br>RFUS114<br>RFUS115<br>RFUS118<br>RFUS120   | 80x80mm<br>80x80mm<br>80x80mm<br>80x80mm<br>80x80mm<br>80x80mm<br>80x80mm<br>80x80mm<br>60x60mm  | Spirit of Fusion Blue  |
| RFU5102<br>RFU5104<br>RFU5104<br>RFU5110<br>RFU5113<br>RFU5114<br>RFU5115<br>RFU5118<br>RFU5120<br>RFU5121   | 80x80mm<br>80x80mm<br>80x80mm<br>80x80mm<br>80x80mm<br>80x80mm<br>80x80mm<br>60x60mm<br>40x40mm  | Spirit of Fusion Blue       A127         Spirit of Fusion Black       A127         Spirit of Fusion Pink       A127         Spirit of Fusion White       A127         Spirit of Fusion Blue       A127         Spirit of Fusion Black       A127         Spirit of Fusion Black       A127         Spirit of Fusion Black       A127         Black/Grey/Clear       A122         Black/Grey/Clear       A122   |
| RFU5102<br>RFU5104<br>RFU5110<br>RFU5113<br>RFU5114<br>RFU5115<br>RFU5118<br>RFU5120<br>RFU5121<br>RFU5122   | 80x80mm<br>80x80mm<br>80x80mm<br>80x80mm<br>80x80mm<br>80x80mm<br>80x80mm<br>60x60mm<br>40x40mm<br>60x60mm   | Spirit of Fusion Blue       A127         Spirit of Fusion Black       A127         Spirit of Fusion Pink       A127         Spirit of Fusion White       A127         Spirit of Fusion Black       A127         Spirit of Fusion Black       A127         Spirit of Fusion Black       A127         Spirit of Fusion Pink       A127         Black/Grey/Clear       A122         Black/Grey/Clear       A122         Black/Grey/Clear       A124   |
| RFU5102<br>RFU5104<br>RFU5104<br>RFU5110<br>RFU5113<br>RFU5114<br>RFU5115<br>RFU5118<br>RFU5120<br>RFU5121   | 80x80mm<br>80x80mm<br>80x80mm<br>80x80mm<br>80x80mm<br>80x80mm<br>80x80mm<br>60x60mm<br>40x40mm  | Spirit of Fusion Blue  |
| RFU5102<br>RFU5104<br>RFU5110<br>RFU5113<br>RFU5114<br>RFU5115<br>RFU5118<br>RFU5120<br>RFU5121<br>RFU5122<br>RFU5123  | 80x80mm<br>80x80mm<br>80x80mm<br>80x80mm<br>80x80mm<br>80x80mm<br>80x80mm<br>60x60mm<br>60x60mm<br>60x60mm   | Spirit of Fusion Blue       A127         Spirit of Fusion Black       A127         Spirit of Fusion Pink       A127         Spirit of Fusion White       A127         Spirit of Fusion Black       A127         Spirit of Fusion Black       A127         Spirit of Fusion Black       A127         Spirit of Fusion Pink       A127         Black/Grey/Clear       A122         Black/Grey/Clear       A122         Black/Grey/Clear       A124   |
| RFU5102<br>RFU5104<br>RFU5110<br>RFU5113<br>RFU5114<br>RFU5115<br>RFU5118<br>RFU5120<br>RFU5121<br>RFU5122<br>RFU5123<br>RFU5124   | 80x80mm<br>80x80mm<br>80x80mm<br>80x80mm<br>80x80mm<br>80x80mm<br>60x60mm<br>40x40mm<br>60x60mm<br>60x60mm   | Spirit of Fusion Blue  |
| RFU5102<br>RFU5104<br>RFU5110<br>RFU5113<br>RFU5114<br>RFU5115<br>RFU5120<br>RFU5121<br>RFU5122<br>RFU5123<br>RFU5124<br>RFU5200<br>RFU5201<br>RFU5202                       | 80x80mm<br>80x80mm<br>80x80mm<br>80x80mm<br>80x80mm<br>80x80mm<br>60x60mm<br>60x60mm<br>60x60mm<br>60x60mm<br>40x40mm                                  | Spirit of Fusion Blue       A127         Spirit of Fusion Black       A127         Spirit of Fusion White       A127         Spirit of Fusion White       A127         Spirit of Fusion Black       A127         Black/Grey/Clear       A122         Black/Grey/Clear       A122         Black/Grey/Clear       A122         Black/Grey/Clear       A124         Pink on Clear       A123         Purple on Clear       A123 |
| RFU5102<br>RFU5104<br>RFU5110<br>RFU5113<br>RFU5114<br>RFU5115<br>RFU5120<br>RFU5121<br>RFU5122<br>RFU5123<br>RFU5124<br>RFU5200<br>RFU5201<br>RFU5202<br>RFU5203            | 80x80mm<br>80x80mm<br>80x80mm<br>80x80mm<br>80x80mm<br>80x80mm<br>80x80mm<br>60x60mm<br>60x60mm<br>60x60mm<br>40x40mm<br>60x60mm<br>40x40mm<br>40x40mm | Spirit of Fusion Blue       A127         Spirit of Fusion Black       A127         Spirit of Fusion Pink       A127         Spirit of Fusion Blue       A127         Spirit of Fusion Blue       A127         Spirit of Fusion Blue       A127         Spirit of Fusion Black       A127         Spirit of Fusion Black       A127         Black/Grey/Clear       A122         Pink on Clear       A123         Purple on Clear       A123         Purple on Clear       A123      |
| RFU5102<br>RFU5104<br>RFU5110<br>RFU5113<br>RFU5115<br>RFU5115<br>RFU5120<br>RFU5121<br>RFU5122<br>RFU5122<br>RFU5123<br>RFU5200<br>RFU5201<br>RFU5202<br>RFU5203<br>RFU5204 | 80x80mm<br>80x80mm<br>80x80mm<br>80x80mm<br>80x80mm<br>80x80mm<br>60x60mm<br>40x40mm<br>60x60mm<br>40x40mm<br>40x40mm<br>40x40mm<br>40x40mm            | Spirit of Fusion Blue       A127         Spirit of Fusion Black       A127         Spirit of Fusion Pink       A127         Spirit of Fusion White       A127         Spirit of Fusion Blue       A127         Spirit of Fusion Black       A127         Spirit of Fusion Black       A127         Spirit of Fusion Black       A127         Black/Grey/Clear       A122         Pink on Clear       A123         Purple on Clear       A123         Purple on Clear       A123         Dark Purple/Mid Purple/Pink       A122   |
| RFU5102<br>RFU5104<br>RFU5110<br>RFU5113<br>RFU5114<br>RFU5115<br>RFU5120<br>RFU5121<br>RFU5122<br>RFU5123<br>RFU5124<br>RFU5200<br>RFU5201<br>RFU5202<br>RFU5203            | 80x80mm<br>80x80mm<br>80x80mm<br>80x80mm<br>80x80mm<br>80x80mm<br>80x80mm<br>60x60mm<br>60x60mm<br>60x60mm<br>40x40mm<br>60x60mm<br>40x40mm<br>40x40mm | Spirit of Fusion Blue       A127         Spirit of Fusion Black       A127         Spirit of Fusion Pink       A127         Spirit of Fusion Blue       A127         Spirit of Fusion Blue       A127         Spirit of Fusion Blue       A127         Spirit of Fusion Black       A127         Spirit of Fusion Black       A127         Black/Grey/Clear       A122         Pink on Clear       A123         Purple on Clear       A123         Purple on Clear       A123      |

|              | DESCRIPTION            |  |
|--------------|------------------------|--|
| 5207         | 60x60mm                | Dark Purple/Mid Purple/Pink                            |
| 5208         | 60x60mm                | Dark Purple/Pink on Clear                              |
| 5210<br>5211 | 60x60mm<br>40x40mm     | Dark Purple/Pink on Clear<br>Dark Purple/Pink on Clear |
| 5499         | 40x40mm                | Sky Blue on Clear                                      |
| FMS41        | 40x40mm                | Mid Blue on Clear                                      |
| FMS42        | 40x40mm                | Red on Clear   |
| FMS43        | 40x40mm                | Mid Green on Clear                                     |
| FMS44        | 40x40mm                | Black on Clear   |
|              |                        |  |
| <b>JSIO</b>  | N Diam                 | ond Hiles  |
| D01          | 76x127mm               | Dark/Mid/Sky Blue                                      |
| D03          | 76x127mm               | Red/Orange/Amber                                       |
| D04          | 76x127mm               | Dark/Mid/Sea Green                                     |
| D05          | 76x127mm               | Dark/Mid/Sky Blue                                      |
| D07          | 76x127mm               | Red/Orange/Amber                                       |
| D08          | 76x127mm               | Dark/Mid/Sea Green                                     |
| D13<br>D15   | 101x178mm<br>101x178mm | Dark/Mid/Sky Blue<br>Red/ Orange/Amber                 |
| D16          | 101x178mm              | Dark/Mid/Sea Green                                     |
| D17          | 76x127mm               | Dark Blue/Sky Blue on Clear                            |
| D18          | 76x127mm               | Orange/Amber on Clear                                  |
| D19          | 76x127mm               | Dark Green/Sea Green on Clear                          |
| D20          | 76x127mm               | Black on Clear   |
| D21          | 76x127mm               | Grey on Clear  |
| D22          | 76x127mm               | Clear Textures   |
| D23          | 76x127mm               | Clear Textures   |
| D24          | 76x127mm               | Clear Textures   |
| D25          | 76x127mm               | Black/Grey/Clear                                       |
| D26          | 76x127mm               | Black/Grey/Clear                                       |
| D27          | 76x127mm               | Dark/Mid/Sky Blue                                      |
| D28          | 76x127mm               | Dark/Mid/Sea Green                                     |
| D29          | 76x127mm               | Red/Orange/Amber                                       |
| D31          | 76x127mm               | Black/Grey/Clear                                       |
| D200<br>D201 | 76x127mm<br>76x127mm   | Dark/Mid Purple/Pink                                   |
| D201         | 76x127mm               | Dark/Mid Purple/Pink<br>Dark/Mid Purple/Pink           |
| FMD1         | 76x127mm               | Mid Blue on Clear                                      |
| FMD2         | 76x127mm               | Red on Clear   |
| FMD3         | 76x127mm               | Mid Green on Clear                                     |
| FMD4         | 76x127mm               | Black on Clear   |
|              |                        |  |
| <b>JSIO</b>  | N Fan I                | Iles   |
| F09          | 85x60mm                | Dark/Mid Blue  |
| F10          | 85x60mm                | Red/Amber  |
| F12          | 85x60mm                | Dark/Mid Green   |
| F13<br>F15   | 85x60mm<br>85x60mm     | Mid Blue/Clear   |
| F15<br>F16   | 85x60mm                | Amber/Clear<br>Mid Green/Clear                         |
| F17          | 85x60mm                | Red/Clear  |
| F18          | 85x60mm                | Black/Clear  |
| F19          | 85x60mm                | Grey/Clear   |
| F20          | 85x60mm                | White/Clear  |
| F21          | 85x60mm                | Dark Green/Clear                                       |
| F200         | 85x60mm                | Purple/Clear   |
| FMF1         | 85x60mm                | Mid Blue/Clear   |
| FMF2         | 85x60mm                | Red/Clear  |
| FMF3         | 85x60mm                | Mid Green/Clear  |
| FMF4         | 85x60mm                | Black/Clear  |
| ISIN         | N Circle               | Tilos  |
|              |                        |  |

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RVETB95

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RVETB130

RVETB135

RVETB137

RVETB138

RVETB139

**RVETB141** 

RVETB182

RVETB183

RVETB184

RVETB185

RVETB188

RVETB191

RVETB200

RVETB202

RVETB203

RVETB204

.....A129

.....A128

RFULS11

60x60mm

Dark/Sea Green on Clear

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...A131

...A131

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#### .....A129 ...A129 Circle Hil **RFUC 100** 30mm Clear/Mid Blue .A126 **RFUC 101** 30mm Clear/Grey... .A126 **RFUC 102** 30mm Clear/Mid Green .A126 **RFUC 103** 30mm Clear/Black. .A126 **RFUC 104** 30mm Clear/Red. ..A126 **RFUC 105** Clear/Purple ..A126 30mm **RFUC 106** 40mm Clear/Mid Blue .A126 **RFUC 107** 40mm Clear/Grey. .A126 **RFUC 108** 40mm Clear/Mid Green .A126 **RFUC 109** 40mm Clear/Black. .A126 **RFUC 110** 40mm Clear/Red A126 **RFUC 111** Clear/Purple 40mm ..A126 **RFUC 112** 50mm Clear/Mid Blue .A126 **RFUC 113** 50mm Clear/Grey.. .A126 **RFUC 114** 50mm Clear/Mid Green .A126 **RFUC 115** 50mm Clear/Black. .A126 **RFUC 116** 50mm Clear/Red. ..A126 **RFUC 117** 50mm Clear/Purple ..A126 **RFUC 118** Clear/White. 30mm ..A126 **RFUC 119** 40mm Clear/White. ..A126 **RFUC 120** 50mm Clear/Whit

#### FUSION LIT

| FULSUI | 60X60mm |
|--------|---------|
| FULS02 | 60x60mm |
| FULS03 | 60x60mm |
| FULS04 | 60x60mm |
| FULS09 | 60x60mm |
| FULS10 | 60x60mm |

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| Clear/WhiteA126                         |  |
|---|--|
| Square Tiles                            |  |
| Dark/Mid/Sky Blue on ClearA130          |  |
| Red/Orange/Amber on ClearA130           |  |
| Dark/Mid/Sea Green on ClearA130         |  |
| Butterscotch/Almond/Black on Clear A130 |  |
| Dark/Sky Blue on ClearA131              |  |
| Red/Amber on ClearA131                  |  |

**>** 

| RFULS13  | 60x60mm   | Butterscotch on Clear  |
|--|---|--|
| RFULS19  | 60x60mm   | Dark/Sky Blue on Clear   |
| RFULS20  | 60x60mm   | Red/Amber on Clear   |
| RFULS21  | 60x60mm   | Dark/Sea Green on Clear  |
| RFULS22  | 60x60mm   | Black/White on Clear   |
| RFULS23  | 60x60mm   | Butterscotch/Almond on Clear   |
| RFULS29  | 60x60mm   | Clear Cord on Clear  |
|  | 00,000,000  |  |
| <b>FUSIO</b>   | N LITE  | Diamond Tiles  |
| RFULD01  | 72x140mm  | Dark/Mid/Sky Blue on Clear   |
| RFULD01  | 72x140mm  | Dark/Mid/Sky Blue on Clear   |
| RFULD02  |   |  |
|  | 72x140mm  | Red/Orange/Amber on Clear  |
| RFULD04  | 72x140mm  | Red/Orange/Amber on Clear  |
| RFULD05  | 72x140mm  | Dark/Mid/Sea Green on Clear  |
| RFULD06  | 72x140mm  | Dark/Mid/Sea Green on Clear  |
| RFULD07  | 72x140mm  | Butterscotch/Almond/Black on Cle   |
| RFULD08  | 72x140mm  | Butterscotch/Almond/Black  |
| RFULD16  | 72x140mm  | Dark/Sky Blue on Clear   |
| RFULD17  | 72x140mm  | Red/Amber on Clear   |
| RFULD18  | 72x140mm  | Black on Clear   |
| RFULD19  | 72x140mm  | Dark/Sea Green on Clear  |
| RFULD21  | 72x140mm  | Butterscotch on Clear  |
| RFULD27  | 72x140mm  | Dark/Sky Blue on Clear   |
| RFULD28  | 72x140mm  | Red/Amber on Clear   |
| RFULD29  | 72x140mm  | Dark/Sea Green on Clear  |
| RFULD30  | 72x140mm  | Black/White on Clear   |
| RFULD34  | 72x140mm  | Butterscotch/Almond on Clear   |
| RFULD41  | 72x140mm  | Dark/Mid/Sky Blue on Clear   |
| RFULD42  | 72x140mm  | Red/Orange/Amber on Clear  |
| NI OLDAL   |   | rieu/orange/Amber on otear   |
| DELII D/2  | $72 \times 1 / 0 mm$  | Dark/Mid/Soa Groop on Clear  |
| RFULD43  | 72x140mm  | Dark/Mid/Sea Green on Clear  |
| RFULD44  | 72x140mm  | Butterscotch/Almond/Black on Cle   |
|  |   |  |
| RFULD44<br>RFULD47   | 72x140mm<br>72x140mm  | Butterscotch/Almond/Black on Cle<br>Clear Cord on Clear  |
| RFULD44<br>RFULD47   | 72x140mm<br>72x140mm<br><b>N Vetro</b>  | Butterscotch/Almond/Black on Cle<br>Clear Cord on Clear  |
| RFULD44<br>RFULD47<br>FUSIO<br>RVETA07Z01  | 72x140mm<br>72x140mm<br><b>N Vetro</b><br>40mm  | Butterscotch/Almond/Black on Cle<br>Clear Cord on Clear<br>Tiles<br>Jolly Grand Pale Blue  |
| RFULD44<br>RFULD47<br>FUSIO<br>RVETA07Z01<br>RVETA07Z02  | 72x140mm<br>72x140mm<br><b>N Vetro</b><br>40mm<br>40mm  | Butterscotch/Almond/Black on Cle<br>Clear Cord on Clear<br>Tiles<br>Jolly Grand Pale Blue<br>Jolly Grand Lime Green  |
| RFULD44<br>RFULD47<br>FUSIOI<br>RVETA07201<br>RVETA07202<br>RVETA07203   | 72x140mm<br>72x140mm<br><b>N Vetro</b><br>40mm<br>40mm<br>40mm  | Butterscotch/Almond/Black on Cle<br>Clear Cord on Clear<br>Tiles<br>Jolly Grand Pale Blue<br>Jolly Grand Lime Green<br>Jolly Grand Dark Blue   |
| RFULD44<br>RFULD47<br>FUSIOI<br>RVETA07201<br>RVETA07202<br>RVETA07203<br>RVETA07204   | 72x140mm<br>72x140mm<br>N Vetro<br>40mm<br>40mm<br>40mm<br>40mm   | Butterscotch/Almond/Black on Cle<br>Clear Cord on Clear<br>Tiles<br>Jolly Grand Pale Blue<br>Jolly Grand Lime Green<br>Jolly Grand Dark Blue<br>Jolly Grand Red  |
| RFULD44<br>RFULD47<br>FUSIO<br>RVETA07201<br>RVETA07202<br>RVETA07203<br>RVETA07204<br>RVETA07205  | 72x140mm<br>72x140mm<br>N Vetro<br>40mm<br>40mm<br>40mm<br>40mm<br>40mm   | Butterscotch/Almond/Black on Cle<br>Clear Cord on Clear<br>Tiles<br>Jolly Grand Pale Blue<br>Jolly Grand Lime Green<br>Jolly Grand Dark Blue<br>Jolly Grand Red<br>Jolly Grand Yellow                                |
| RFULD44<br>RFULD47<br>FUSIO<br>RVETA07201<br>RVETA07202<br>RVETA07203<br>RVETA07205<br>RVETA07205  | 72x140mm<br>72x140mm<br><b>N Vetro</b><br>40mm<br>40mm<br>40mm<br>40mm<br>40mm  | Butterscotch/Almond/Black on Cle<br>Clear Cord on Clear<br><b>Tiles</b><br>Jolly Grand Pale Blue<br>Jolly Grand Lime Green<br>Jolly Grand Dark Blue<br>Jolly Grand Red<br>Jolly Grand Yellow<br>Jolly Grand Yellow   |
| RFULD44<br>RFULD47<br>FUSIO<br>RVETA07201<br>RVETA07203<br>RVETA07203<br>RVETA07205<br>RVETA07206<br>RVETA07206  | 72x140mm<br>72x140mm<br><b>N Vetro</b><br>40mm<br>40mm<br>40mm<br>40mm<br>40mm<br>40mm  | Butterscotch/Almond/Black on Cle<br>Clear Cord on Clear<br><b>Tiles</b><br>Jolly Grand Pale Blue<br>Jolly Grand Dark Blue<br>Jolly Grand Dark Blue<br>Jolly Grand Red<br>Jolly Grand Yellow<br>Jolly Grand Turquoise |
| RFULD44<br>RFULD47<br>FUSIOI<br>RVETA07201<br>RVETA07202<br>RVETA07203<br>RVETA07205<br>RVETA07206<br>RVETA07207<br>RVETA07208   | 72x140mm<br>72x140mm<br>40mm<br>40mm<br>40mm<br>40mm<br>40mm<br>40mm<br>40mm  | Butterscotch/Almond/Black on Cle<br>Clear Cord on Clear  |
| RFULD44<br>RFULD47<br>IUS100<br>RVETA07202<br>RVETA07202<br>RVETA07203<br>RVETA07205<br>RVETA07206<br>RVETA07207<br>RVETA07208<br>RVETA07208   | 72x140mm<br>72x140mm<br>40mm<br>40mm<br>40mm<br>40mm<br>40mm<br>40mm<br>40mm  | Butterscotch/Almond/Black on Cle<br>Clear Cord on Clear  |
| RFULD44           RFULD47           FUS101           RVETA07201           RVETA07202           RVETA07203           RVETA07204           RVETA07205           RVETA07207           RVETA07208           RVETA07209           RVETA07209           RVETA07209           RVETA07209           RVETA07209           RVETA07209           RVETA07209           RVETA07209           RVETA07209   | 72x140mm<br>72x140mm<br>40mm<br>40mm<br>40mm<br>40mm<br>40mm<br>40mm<br>40mm  | Butterscotch/Almond/Black on Cle<br>Clear Cord on Clear  |
| RFULD44           RFULD47           FUSIO1           RVETA07201           RVETA07203           RVETA07204           RVETA07205           RVETA07206           RVETA07207           RVETA07208           RVETA07209           RVETA07208           RVETA07209           RVETA07209           RVETA07209           RVETA07210           RVETA07211   | 72x140mm<br>72x140mm<br>40mm<br>40mm<br>40mm<br>40mm<br>40mm<br>40mm<br>40mm  | Butterscotch/Almond/Black on Cle<br>Clear Cord on Clear  |
| RFULD44<br>RFULD47<br>RVETA07201<br>RVETA07202<br>RVETA07203<br>RVETA07205<br>RVETA07206<br>RVETA07207<br>RVETA07207<br>RVETA07209<br>RVETA07210<br>RVETA07211   | 72x140mm<br>72x140mm<br>40mm<br>40mm<br>40mm<br>40mm<br>40mm<br>40mm<br>25mm<br>25mm<br>25mm                                      | Butterscotch/Almond/Black on Cle<br>Clear Cord on Clear  |
| RFULD44           RFULD47           FUSIO1           RVETA07201           RVETA07203           RVETA07204           RVETA07205           RVETA07206           RVETA07207           RVETA07208           RVETA07209           RVETA07208           RVETA07209           RVETA07209           RVETA07209           RVETA07210           RVETA07211   | 72x140mm<br>72x140mm<br>40mm<br>40mm<br>40mm<br>40mm<br>40mm<br>40mm<br>25mm<br>25mm<br>25mm                                      | Butterscotch/Almond/Black on Cle<br>Clear Cord on Clear  |
| RFULD44<br>RFULD47<br>RVETA07201<br>RVETA07202<br>RVETA07203<br>RVETA07205<br>RVETA07206<br>RVETA07207<br>RVETA07207<br>RVETA07209<br>RVETA07210<br>RVETA07211   | 72x140mm<br>72x140mm<br><b>N Vetro</b><br>40mm<br>40mm<br>40mm<br>40mm<br>40mm<br>25mm<br>25mm<br>25mm<br>25mm<br>25mm            | Butterscotch/Almond/Black on Cle<br>Clear Cord on Clear  |
| RFULD44<br>RFULD47<br>IUS100<br>RVETA07201<br>RVETA07202<br>RVETA07203<br>RVETA07204<br>RVETA07206<br>RVETA07207<br>RVETA07208<br>RVETA07209<br>RVETA07210<br>RVETA07211<br>RVETA07213   | 72x140mm<br>72x140mm<br>40mm<br>40mm<br>40mm<br>40mm<br>40mm<br>40mm<br>40mm  | Butterscotch/Almond/Black on Cle<br>Clear Cord on Clear  |
| RFULD44<br>RFULD47<br>IUS100<br>RVETA07202<br>RVETA07202<br>RVETA07203<br>RVETA07204<br>RVETA07205<br>RVETA07207<br>RVETA07207<br>RVETA07209<br>RVETA07210<br>RVETA07213<br>RVETA07213<br>RVETA07213   | 72x140mm<br>72x140mm<br>40mm<br>40mm<br>40mm<br>40mm<br>40mm<br>40mm<br>25mm<br>25mm<br>25mm<br>25mm<br>25mm<br>25mm<br>25mm<br>2 | Butterscotch/Almond/Black on Cle<br>Clear Cord on Clear  |
| RFULD44           RFULD47           PUSIOI           RVETA07201           RVETA07202           RVETA07203           RVETA07204           RVETA07205           RVETA07205           RVETA07206           RVETA07207           RVETA07208           RVETA07209           RVETA07209           RVETA07209           RVETA07210           RVETA07211           RVETA07212           RVETA07214           RVETA07214           RVETA07213           RVETA07214           RVETA07213 | 72x140mm<br>72x140mm<br>40mm<br>40mm<br>40mm<br>40mm<br>40mm<br>40mm<br>25mm<br>25mm<br>25mm<br>25mm<br>25mm<br>25mm<br>25mm<br>2 | Butterscotch/Almond/Black on Cle<br>Clear Cord on Clear  |
| RFULD44           RFULD47           PUSIOI           RVETA07202           RVETA07203           RVETA07204           RVETA07205           RVETA07206           RVETA07208           RVETA07208           RVETA07208           RVETA07208           RVETA07209           RVETA07208           RVETA07208           RVETA07208           RVETA07210           RVETA07211           RVETA07212           RVETA07213           RVETA07214           RVETA07215           RVETA07216 | 72x140mm<br>72x140mm<br>40mm<br>40mm<br>40mm<br>40mm<br>40mm<br>40mm<br>25mm<br>25mm<br>25mm<br>25mm<br>25mm<br>25mm<br>25mm<br>2 | Butterscotch/Almond/Black on Cle<br>Clear Cord on Clear  |
| RFULD44<br>RFULD47<br>RVETA07202<br>RVETA07202<br>RVETA07203<br>RVETA07204<br>RVETA07205<br>RVETA07206<br>RVETA07206<br>RVETA07209<br>RVETA07208<br>RVETA07210<br>RVETA07211<br>RVETA07215<br>RVETA07214<br>RVETA07215<br>RVETA07216<br>RVETA07216<br>RVETA07216   | 72x140mm<br>72x140mm<br>40mm<br>40mm<br>40mm<br>40mm<br>40mm<br>40mm<br>25mm<br>25mm<br>25mm<br>25mm<br>25mm<br>25mm<br>25mm<br>2 | Butterscotch/Almond/Black on Cle<br>Clear Cord on Clear  |
| RFULD44<br>RFULD47<br>PUS100<br>RVETA07202<br>RVETA07202<br>RVETA07204<br>RVETA07204<br>RVETA07206<br>RVETA07206<br>RVETA07209<br>RVETA07209<br>RVETA07210<br>RVETA07211<br>RVETA07212<br>RVETA07213<br>RVETA07214<br>RVETA07215<br>RVETA07216<br>RVETA07215<br>RVETA07216<br>RVETA50  | 72x140mm<br>72x140mm<br>40mm<br>40mm<br>40mm<br>40mm<br>40mm<br>40mm<br>40mm  | Butterscotch/Almond/Black on Cle<br>Clear Cord on Clear  |
| RFULD44<br>RFULD47<br>RVETA07201<br>RVETA07202<br>RVETA07202<br>RVETA07203<br>RVETA07204<br>RVETA07205<br>RVETA07207<br>RVETA07207<br>RVETA07207<br>RVETA07210<br>RVETA07213<br>RVETA07213<br>RVETA07213<br>RVETA07214<br>RVETA07215<br>RVETA07216<br>RVETA50<br>RVETA50<br>RVETA50<br>RVETA50<br>RVETA50<br>RVETA50   | 72x140mm<br>72x140mm<br>40mm<br>40mm<br>40mm<br>40mm<br>40mm<br>40mm<br>40mm  | Butterscotch/Almond/Black on Cle<br>Clear Cord on Clear  |
| RFULD44<br>RFULD47<br>RVETA07201<br>RVETA07202<br>RVETA07203<br>RVETA07204<br>RVETA07205<br>RVETA07205<br>RVETA07206<br>RVETA07207<br>RVETA07207<br>RVETA07210<br>RVETA07212<br>RVETA07213<br>RVETA07214<br>RVETA07215<br>RVETA07216<br>RVETA50<br>RVETA50<br>RVETA87<br>RVETA87<br>RVETA87<br>RVETA87<br>RVETA87  | 72x140mm<br>72x140mm<br>40mm<br>40mm<br>40mm<br>40mm<br>40mm<br>40mm<br>25mm<br>25mm<br>25mm<br>25mm<br>25mm<br>25mm<br>25mm<br>2 | Butterscotch/Almond/Black on Cle<br>Clear Cord on Clear  |
| RFULD44<br>RFULD47<br>RVETA07201<br>RVETA07202<br>RVETA07203<br>RVETA07204<br>RVETA07205<br>RVETA07206<br>RVETA07207<br>RVETA07207<br>RVETA07207<br>RVETA07210<br>RVETA07211<br>RVETA072112<br>RVETA07213<br>RVETA07214<br>RVETA07214<br>RVETA07215<br>RVETA07216<br>RVETA85<br>RVETA87<br>RVETA87<br>RVETA87<br>RVETA87<br>RVETA87<br>RVETA82<br>RVETA82<br>RVETB42<br>RVETB42  | 72x140mm<br>72x140mm<br>40mm<br>40mm<br>40mm<br>40mm<br>40mm<br>25mm<br>25mm<br>25mm<br>25mm<br>25mm<br>25mm<br>25mm<br>2         | Butterscotch/Almond/Black on Cle<br>Clear Cord on Clear  |
| RFULD44<br>RFULD47<br>RVETA07201<br>RVETA07202<br>RVETA07203<br>RVETA07204<br>RVETA07205<br>RVETA07205<br>RVETA07206<br>RVETA07207<br>RVETA07207<br>RVETA07210<br>RVETA07212<br>RVETA07213<br>RVETA07214<br>RVETA07215<br>RVETA07216<br>RVETA50<br>RVETA50<br>RVETA87<br>RVETA87<br>RVETA87<br>RVETA87<br>RVETA87  | 72x140mm<br>72x140mm<br>40mm<br>40mm<br>40mm<br>40mm<br>40mm<br>40mm<br>25mm<br>25mm<br>25mm<br>25mm<br>25mm<br>25mm<br>25mm<br>2 | Butterscotch/Almond/Black on Cle<br>Clear Cord on Clear  |

#### 60x60mm **FUSION** Forma

40x40mm

40x40mm

40x40mm

60x60mm

90x90mm

90x90mm

90x90mm

80x80mm

60x60mm

60x60mm

60x60mm

60x60mm

60x60mm

60x60mm

60x60mm

60x60mm

60x60mm

Brillante Quadro

Oro 1 .....

Orizzonte 4

Girolino 2

Girolino 3

Girolino 4

Video 5

Infinito 4

Infinito 5

Infinito 6

Infinito 7

Whiteverde

Whitenero ...

Trap White.

Trap Black

Trap Purple

Trap Gold..

Oro 2

| RTI6007 | 60mm    | Red/Gold        | A134 |
|---------|---------|-----------------|------|
| RTI6008 | 60mm    | Red/Gold        | A134 |
| RTI6005 | 60mm    | Blue            | A134 |
| RTE6151 | 60x60mm | Black/Gold      | A134 |
| RTE6157 | 60x60mm | Silver/Gold     | A134 |
| RTE6150 | 60x60mm | Black/Gold/Red  | A134 |
| RTF6052 | 60x60mm | Gold/Clear      | A134 |
| RTI6002 | 60x60mm | Black/Blue/Gold | A134 |
| RTE6156 | 60x60mm | Black/Gold      | A134 |
| RTF6050 | 60x60mm | Amber/Silver    | A134 |
| RTF6051 | 60x60mm | Amber/Silver    | A134 |
|         |         |                 |      |

#### **REGALEAD** | DECORATIVE OVERLAY SYSTEMS

### Introduction

RegaLead's range of fused tiles was first introduced in 2002, offering customers a simple, cost-effective method of creating contemporary decorative designs without the need for expensive fusing equipment. By drawing inspiration from many beautiful and original styles, our collection has grown and developed, showcasing some of the best fused glass tiles available. Several of our selected ranges incorporate unusual elements to stunning effect, such as gold leaf and Murano glass, making our collection as unique as it is striking.



Fused glass has been around since the middle ages, but has really only entered the market for use in decorative glass panels in doors, windows and cabinets in the last 10 years. The long and technical manufacturing process involved in making large pieces of fused art glass made the products expensive and never really available to the mass market. With our range of fused tiles however, we can now offer a luxury product, manufactured using the same traditional techniques, for a fraction of the cost normally associated with fused glass.

Fused glass is manufactured by slowly heating two or more pieces of glass in a kiln until they start to melt, and then gradually cooling the molten glass in a controlled way so that the pieces anneal and are fused together. To successfully fuse glass, it is essential that glasses which expand at the same rate when heated are used, otherwise long term, the glass can break apart. For this reason we only use fully tested Spectrum<sup>™</sup> Glass from the USA in our Fusion and Fusion Lite ranges and Murano glass in the Vetro ranges.

We offer 4 distinct ranges of fused tiles to give our customers the widest range of styles and possible applications...







Made from specialist Spectrum<sup>™</sup> Glass, our Fusion range features over 80 designs in complementing colour motifs. Our recent additions to the selection include a new purple range and a collection of clear tiles made from textured glass. These create a stunning 3-dimensional effect and further accentuate the complementing designs. With 6mm thick edges and a polished back surface, our Fusion range of fused glass tiles are perfect for windows and doors, as well as feature pieces on shower screens or mirrors.



3mm Spectrum<sup>™</sup> fusing compatible coloured glass

3mm Spectrum<sup>™</sup> fusing compatible clear glass



As an accompanying range to Fusion tiles, the Fusion Lite collection is similarly manufactured using high-quality Spectrum<sup>™</sup> Glass. The range of over 50 Fusion Lite tiles features either diamonds or squares in several transparent colour designs. As a complement to this, a new selection of opaque neutral colours has now been added to the range. With 2-3mm edges and polished backs, these tiles are perfect for many different applications.

**Overlay Lead:** the thinner edges give the tiles a sharper shape definition than the standard Fusion tiles so they are ideal for applying adhesive lead around. Designers can now incorporate Fusion Lite into overlay panel designs in the same way as glass bevels.



This range brings a touch of luxury Italian style and provides an alternative array of shapes for fused glass tiles. By drawing on the centuries-old techniques of the glass craftsmen of Venice, Vetro tiles are manufactured in Italy using stunning Murano glass. This beautiful range features a collection of transparent tiles and a complementing selection of tiles which contain pieces of Millefiori. This decorative glass technique is unique to the island of Murano and means 'thousand flowers'.





**UV Bonding:** as with standard Fusion, the Fusion Lite pieces have smooth polished backs so are suitable for UV bonding.



**Traditional Lead Cames:** the thinner edges also allow the product to be used in traditional lead or zinc cames with a standard 3mm channel. Designers can now effectively combine traditional techniques and contemporary fused glass pieces to create modern leaded light designs

#### Aluminium Grille Systems:

as the products are dimensionally accurate to within 1mm and have 2-3mm edges, they are ideal for inserting into the increasingly popular decorative grille systems that are available in the market. The angles on the diamonds are 55° and 125° to suit the FBS Profilati grille system.





The newest addition in the fused glass tiles collection, Forma Vidrio is an exquisite range manufactured in Spain. Incorporating beautiful pieces of Gold and Silver Leaf, amongst other elegant motifs, this range comprises of 60mm square and circles in complementary pairs to enhance ease of









A121



### **Fusion Tiles**



**RFUS 01** 60mm



**RFUS 03** 60mm



**RFUS 04** 60mm

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RFUS 123 60mm





**RFUS 49** 40mm



RFUS 207 60mm



RFUS 89 60mm



**RFUS 70** 40mm



RFUS 73 40mm

**RFUS 206** 40mm



**RFUS 05** 60mm



**RFUS 08** 60mm



**RFUS 120** 60mm



**RFUS 50** 40mm



RFUS 204 40mm



**RFUS 07** 60mm



RFUS 205 60mm



**RFUS 90** 60mm





RFUS 121 40mm



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**RFUS 74** 40mm







RFUS 45 60mm



RFUS 46 60mm



RFUS 201 60mm



RFUS 203 60mm



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RFUS 38 60mm

**RFUS 42** 60mm

RFUS 47 60mm

**RFUS 69** 40mm

**RFUS 200** 40mm

RFUS 77 40mm











RFUS 48 60mm

**RFUS 72** 40mm

**RFUS 202** 40mm

RFUS 78 40mm



**RFUS 75** 40mm



**RFUS 76** 40mm



RFUS 44 60mm



RFUS 13 60mm



**RFUS 14** 60mm



RFUS 16 60mm



**RFUS 92** 60mm



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### **Fusion Tiles**



RFUS 29 60mm



RFUS 31 60mm

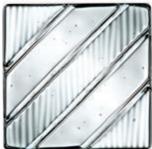
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RFUS 32 60mm



RFUS 122 60mm



RFUS 93 60mm





**RFUS 09** 60mm



RFUS 11 60mm



**RFUS 12** 60mm



RFUS 124 60mm



**RFUS 91** 60mm





**RFUS 55** 60mm



**RFUS 56** 60mm



**RFUS 59** 60mm



**RFUS 60** 40mm



RFUS 64 40mm







RFUS 210 60mm



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**RFUS 58** 60mm



**RFUS 62** 40mm

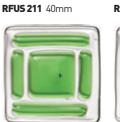


RFUFMS 44 40mm

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RFUFMS 41 40mm



RFUFMS 43 40mm





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**RFUS 66** 80mm



RFUS 67 80mm



RFUS 68 80mm

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RFUS 65 80mm



RFUS 94 80mm



RFUS 84 60mm



RFUS 208 60mm



RFUS 87 60mm



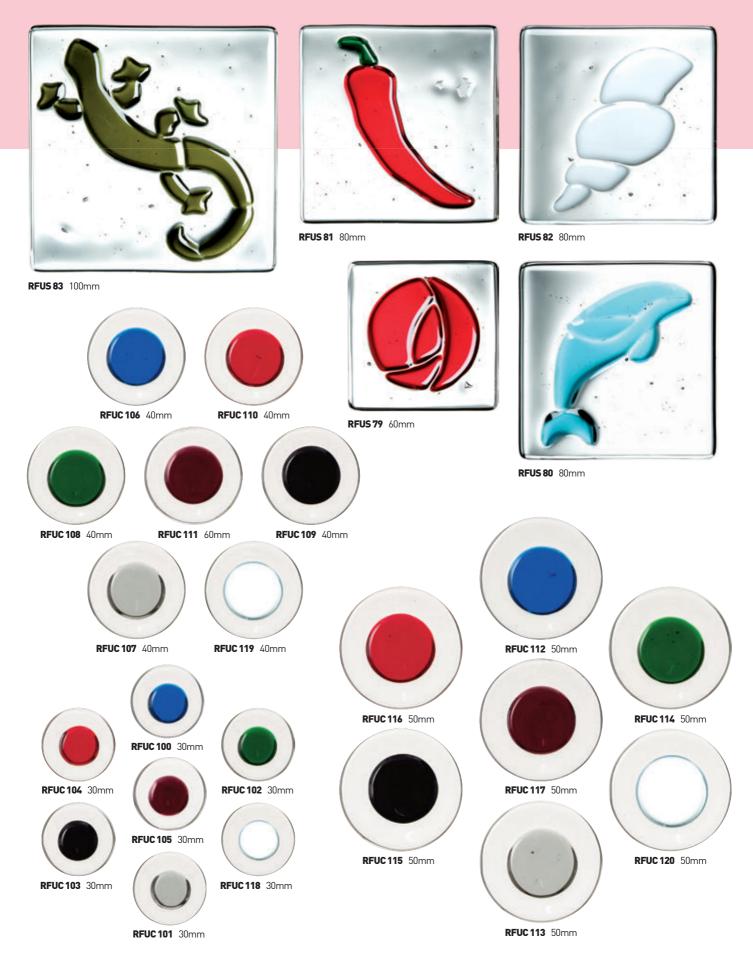
RFUS 86 60mm



RFUS 88 60mm



### **Fusion Tiles**



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RFUS 113 80mm White



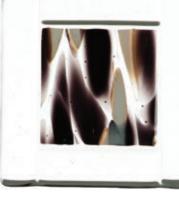
RFUS 118 80mm Pink

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Spirit of Fusion These latest additions to the Fusion range incorporate stunning Spectrum Spirit^{\rm TM} glass and come in 4 attractive colourways - Pink, White, Black and Blue with either clear borders or a complementary colour band.





RFUS 115 80mm Black



RFUS 114 80mm Blue



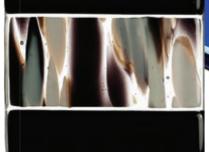
RFUS 101 80mm White

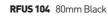


RFUS 102 80mm Blue



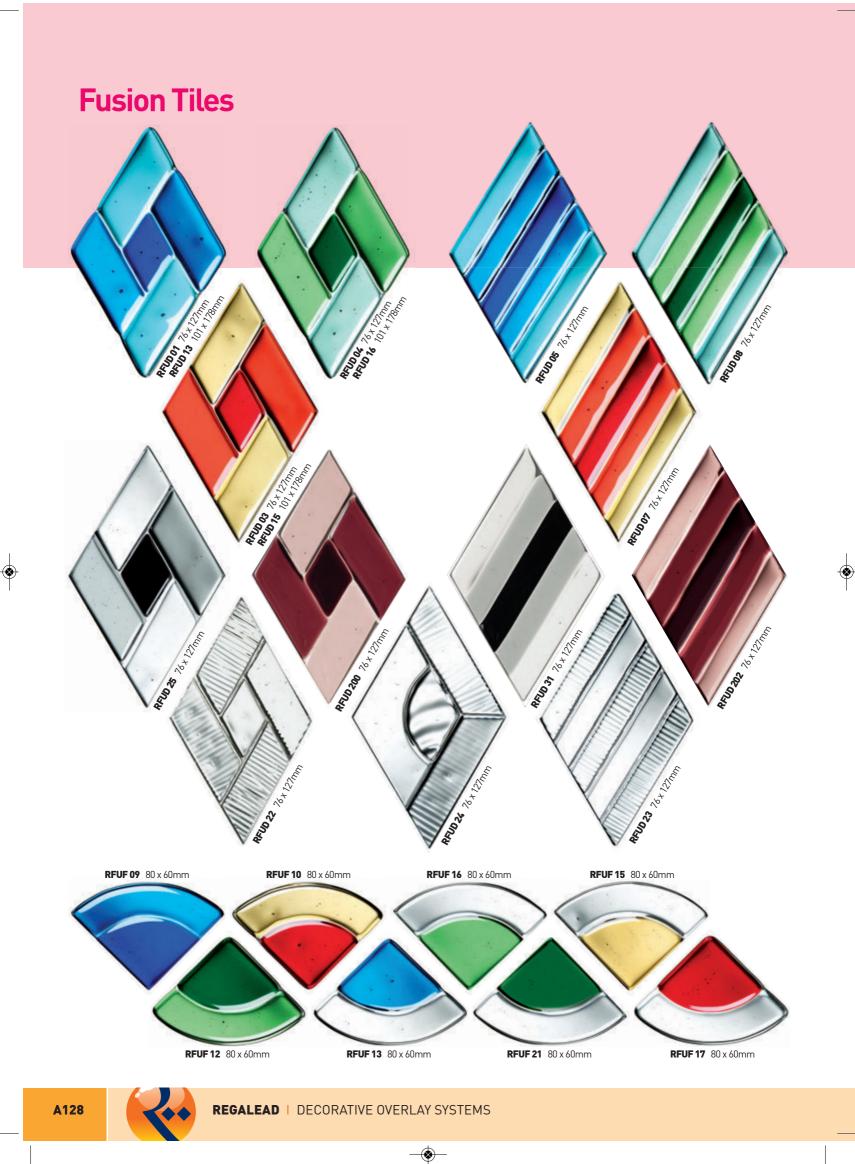
RFUS 110 80mm Pink

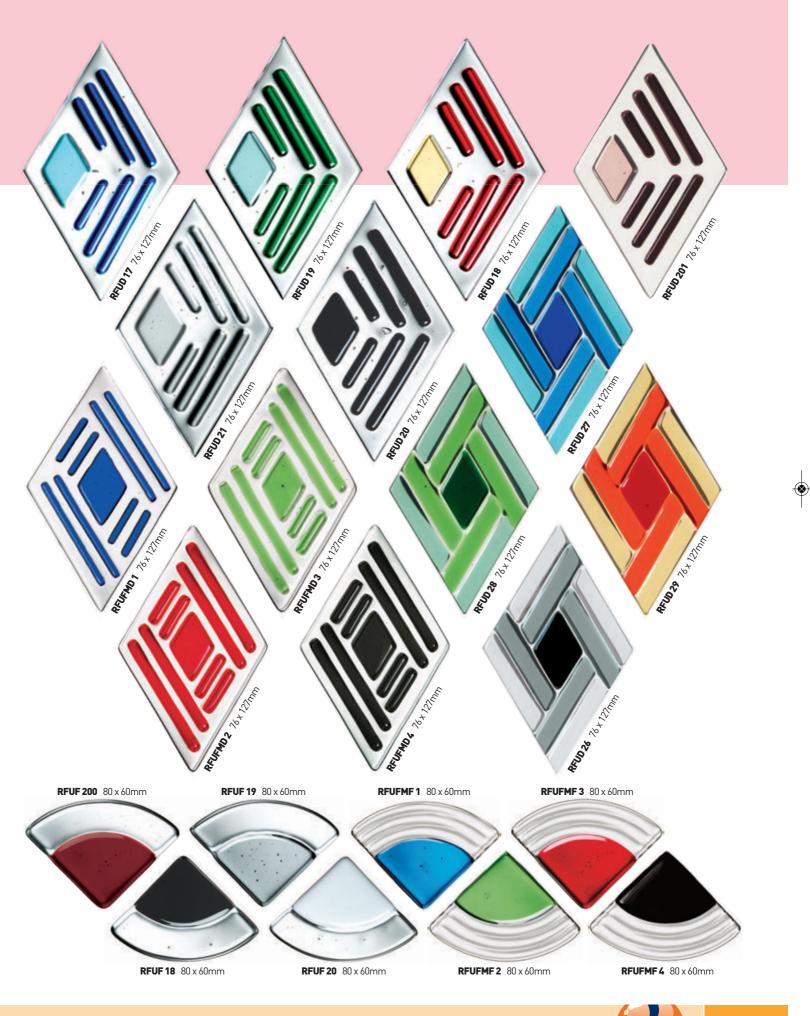












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**RFULS 09** 60mm



RFULS 11 60mm



RFULS 10 60mm



**RFULS 13** 60mm



RFULS 19 60mm



**RFULS 21** 60mm



RFULS 20 60mm



**RFULS 23** 60mm





**RFULS 29** 60mm



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### **Fusion Vetro**

Our Vetro tiles are manufactured in Italy using age old-techniques from Murano Glass and add a truly luxurious touch to any project.



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**A7Z01** 40mm A7Z09 25mm A7Z03 40mm A7Z11 25mm A7Z05 40mm A7Z13 25mm **A7Z07** 40mm A7Z15 25mm













**B79** 80mm Video 4

A50 80mm Video 1

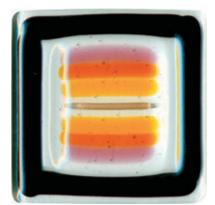


A7Z14 25mm

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A89 80mm Valentino



B78 80mm Video 3



B141 80mm Aurora



**B42** 40mm Damino Bianco Clear



B129 40mm Oro



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**B95** 40mm Brilliante Quadro

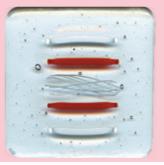


**B130** 40mm Oro 2





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#### B182 60mm Infinito 4



B200 60mm Trap White

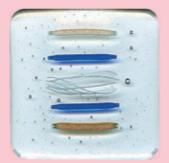


B188 60mm Whiteverde

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A85 60mm Orizzonte 2



B183 60mm Infinito 5



B202 60mm Trap Black



B191 60mm Whitenero



B49 60mm Orizzonte 3



B184 60mm Infinito 6

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B203 60mm Trap Purple



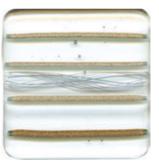




B135 60mm Orizzonte 4



B185 60mm Infinito 7



B204 60mm Trap Gold



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B46 60mm Pop Art Rosso

## We can supply the full range of Vetro tiles by special order

Visit www.regalead.co.uk/vetro to see the complete range



B137 90mm Girolino 2

B138 90mm Girolino 3



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B139 90mm Girolino 4



### **Fusion Forma**

Fusion Forma is our latest range of fused glass tiles and are designed and manufactured in Spain using some interesting techniques including the use of Gold and Silver leaf. This exquisite range of 60mm squares and circles come in complementary pairs to allow for ease of design.



RTE 6150 60mm



RTE 6156 60mm

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RTF 6050 60mm





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RTE 6151 60mm



RTE 6157 60mm



RTF 6051 60mm



RTI 6002 60mm



RTI 6005 60mm



RTI 6008 60mm

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RTI 6007 60mm





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# **INOX ELEMENTS**

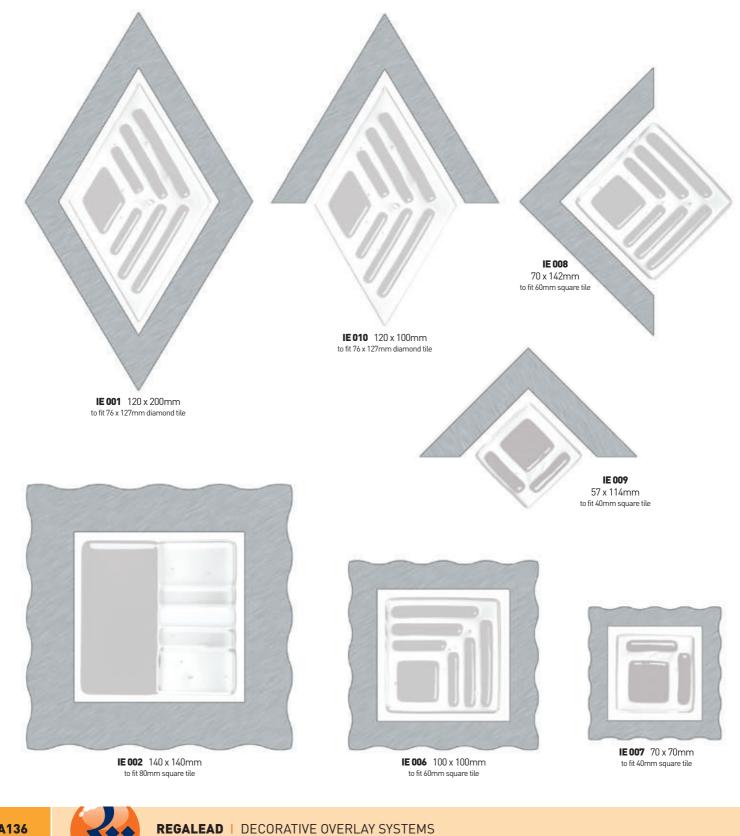
A stunning new addition to the Overlay range, Inox Elements bring a touch of European style to decorative glass. These original features perfectly complement our collection of Fusion Tiles.



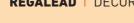
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### **Inox Elements**

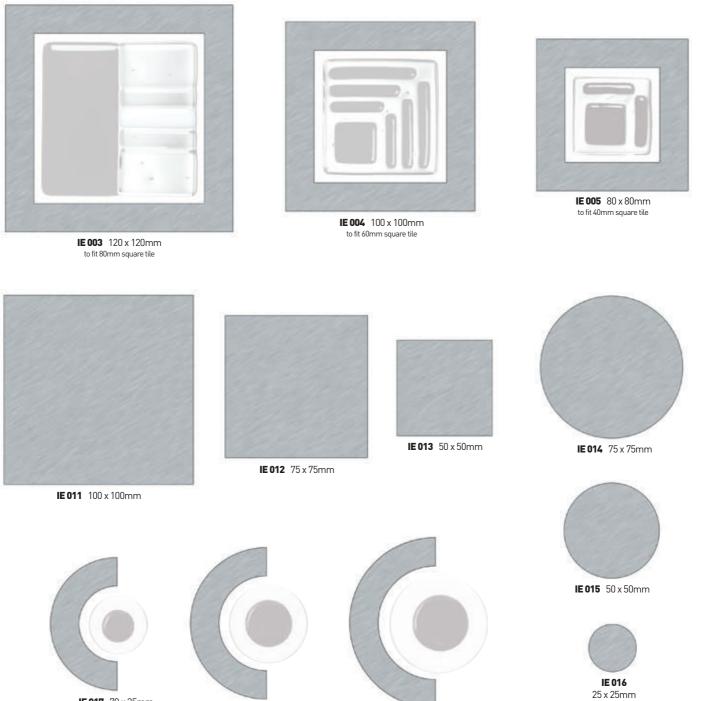
Our new collection of brushed stainless steel Inox Elements are the perfect alternative feature. With three distinct ranges, these 0.8mm thick elements are suitable for both interior and exterior applications. While creatively accentuating our Fusion Tiles, they can also provide a unique focal point in their own right. Select from our beautiful stainless steel, centre cut-out and half centre cut-out ranges.



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IE 017 70 x 35mm to fit 30mm circle tile

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to fit 40mm circle tile



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to fit 50mm circle tile



### **Technical and Application**

Our range of Inox elements are fabricated from the highest quality Stainless Steel, offering great resistance to all weathering in even the most extreme of conditions. We use only 304 grade Stainless which has extensive corrosion resistance when exposed to a range of environments and should withstand even the most harsh cleaning liquids. It is usually reserved as a marine grade stainless that can withstand temperatures up to 425°C.

Inox Elements should be bonded exclusively with RegaBond Inox UV adhesive which has been specially formulated to work with our high-grade stainless steel elements to give a superior and long lasting bond to withstand exterior applications.

Like all Regalead products, Inox Elements have been tested in our QUV testing facilities for resistance to weathering, cycling between humidity and UV for more than 500 hours our products show little or now effect.



All our Inox Elements are precision laser cut to within .01mm with a perfectly flat back and smooth finished edges to give an exact fit every time. Each individual element has a protective film coating that prevents the grained finish becoming scratched, damaged or coming into contact with adhesive during application. The surface of the element has a beautifully grained finish that accentuates the encapsulated Fusion Tile or RegaBevel.



**Inox Adhesive** 

Our Inox adhesive is designed as a low viscosity, wet wipe adhesive for bonding the small stainless steel elements to a glass surface. The adhesive is designed to leave a liquid excess after initial curing which can be easily removed and cleaned off without damaging the finely textured surface of the Inox Elements. Please note that Inox adhesive is designed for bonding light weight stainless steel elements and is NOT suitable for bonding heavy metal objects or where a load bearing adhesive is required.





## **BEVEL BONDING**

Considered the most successful and advanced method of bonding bevels to glass surfaces, the UV-Tek system uses either UV or Visible light to produce an ultra-fast cure. Developed by UV-Tek, in conjunction with RegaLead, this system ensures the highest quality bevel bond by curing from underneath and gives a fast, accurate and safe bond every time.



## **Intro to Bevel Bonding**

For over 10 years, RegaLead and UV-Tek have worked in partnership to supply the best adhesives and equipment for the bonding of glass bevels. With over 1000 curing units sold worldwide and in excess of 6 million bevel pieces successfully bonded in the last 10 years, UV-Tek is the market leader in its field.



While there are hundreds of UV adhesives available in the market today, UV-Tek is unique as it was developed with just one application in mind – bonding bevels. During the development stage, the UV-Tek team worked closely with RegaLead in order to understand our customer requirements and the problems they had encountered. This collaboration lead to the launch of the UV-Tek system – the first to combine adhesives and equipment, perfectly designed to work with each other.

The UV-Tek system is based around an ultra-fast cure UV adhesive with a unique formula and is supported by a CE-approved lightbox curing unit with bespoke templates and accessories. However, what makes it so special is down to two factors: controlled timings and curing from below.

Other systems which rely on above-cure, hand-help lamps have many problems over time with thoroughness and consistency of the cure. This is because curing from above with a hand-held lamp causes an uneven distribution of the UV rays as a result of light refraction through the bevel (see Diagram 1). Ultimately this leads to stresses in the bond line and causes weakness over time. Furthermore, hand-held lamps provide little control over how far the UV light source is from the bond line. As UV light is shortwave – and is very powerful across a short distance – these variations in the distance between the lamp and the adhesive can have major effects on the performance of the adhesive. However, with the UV-Tek system, consistency of cure is guaranteed as the below-cure ensures there is no interference from refraction (see Diagram 2). Additionally, with the belowcure, the distance to the adhesive is always the same and, as all our luminaries are fitted with electronic timers, the exact amount of UV exposure is guaranteed.

The UV-Tek system is perfect for bonding Fusion Tiles. As the tiles are made from various glass colours, they will transmit UV light at dramatically different rates, or not at all in the case of opaque colours. Therefore, the only way to ensure a good bond is with the UV-Tek system that works from underneath.

The system has been weather and time tested both in the UK and Australia where UV-Tek cure bonded bevel assemblies withstood more than 1000 hours with zero failures when tested to ASTM G53-94 standards.

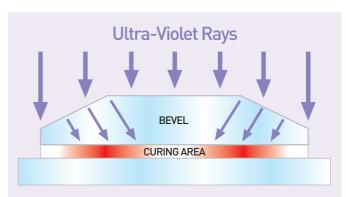
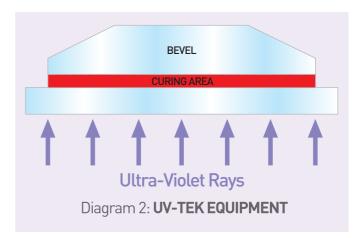


Diagram 1: HAND-HELD LAMP





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## **Adhesive Range**

In addition to our flagship UV-Tek range of adhesives, we supply two further, more economical ranges – RegaBond and GlassMaster. With a variety of different properties and application purposes, our three ranges of adhesive cover every possible requirement.



#### **UV-Tek**

Developed in conjunction with UV-Tek, this range features, amongst others, the original UV-Tek product, UV116, and UV-Tek's revolutionary rapid cure adhesive, FC700. The majority of the adhesives in this range rely on a UV cure, but visible light bonding is possible with VIS410, demonstrating the flexibility of the UV-Tek system.



#### **RegaBond**

Our economical, own-branded range of adhesives caters to a wide selection of applications and requirements. Featuring different viscosity adhesives, as well as a visible light option, RegaBond adhesives are the lower cost method of creating a strong and durable bond.



#### GlassMaster

The latest addition to the bevel bonding range is our GlassMaster selection of adhesives. These include five different adhesives of varying viscosity levels with options for visible and UV curing. Unlike the other two ranges, GlassMaster adhesives are available in up to 5 litre bottles and with the option of own-label packaging (minimum volumes apply).

#### **Speciality Adhesives**

In addition to our extensive range of Bevel Bonding adhesives, we offer two highly specialist adhesives for the bonding of small fused glass tiles and our Inox Elements products.

#### Inox

Our Inox adhesive is designed as a low viscosity, wet wipe adhesive for bonding the small stainless steel elements to a glass surface. The adhesive is designed to leave a liquid excess after initial curing which can be easily removed and cleaned off without damaging the finely textured surface of the Inox Elements.



REGABOND fusion

Please note that Inox adhesive is designed for bonding light weight stainless steel elements and is NOT suitable for bonding heavy metal

objects or where a load bearing adhesive is required. Inox Elements need to be bonded from underneath using UV-Tek equipment.

#### **Fusion**

Our specially formulated adhesive for bonding Fusion tiles has added flexibility to allow for the slightly irregular glass surface on the back of the tiles. It is recommended that at least 1mm thickness of adhesive is left on the bond line after application to avoid the possibility of Fusion tiles cracking with movement in the glass substrate. Please note Fusion tiles should

always be bonded with Fusion adhesive and from below with UV Tek

luminaires as the opacity of the fused glass surface will restrict uv exposure when curing from above



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## **Adhesive Selector**

With our colour-coded chart, it's quick and easy to compare across our selection of adhesives:

|                |   |   |   |   | RicaBono<br>Morestante  |  |  |
|----------------|---|---|---|---|---|--|--|
|                | UV-Tek<br>UV116                                 | UV-Tek<br>FC700   | UV-Tek<br>VIS410                                | UV-Tek<br>UV108                                 | RegaBond<br>MV  | RegaBond<br>LV   | RegaBond<br>Visible  |
| Light          | UV  | UV  | Visible   | UV  | UV and Visible  | UV and Visible   | Visible  |
| Viscosity      | Medium  | Low   | Very Low  | Medium  | Medium  | Low  | Low  |
| Curing         | <b>30 seconds</b><br>2 x 15 second<br>exposures | 10 – 14 seconds<br>depending on<br>luminaire<br>2 x 5-7 second<br>exposures | <b>30 seconds</b><br>2 x 15 second<br>exposures | <b>30 seconds</b><br>2 x 15 second<br>exposures | UV:<br>30 seconds<br>2 x 15 second<br>exposures<br>Visible:<br>90 seconds<br>2 x 45 second<br>exposures | UV:<br>30 seconds<br>2 x 15 second<br>exposures)<br>Visible:<br>90 seconds<br>2 x 45 second<br>exposures | Laminated Glass:<br>15-30 seconds<br>depending on<br>thickness<br>1 x 15-30 second<br>exposures<br>Toughened/Float<br>Glass:<br>30 seconds<br>2 x 15 second<br>exposures |
| Cleaning       | Excess<br>cut and<br>peeled off                 | Excess<br>wiped off   | Excess<br>wiped off                             | Excess<br>cut and<br>peeled off                 | UV:<br>Excess<br>cut and<br>peeled off<br>Visible:<br>Excess<br>wiped off                               | Excess<br>wiped off  | Excess<br>wiped off  |
| Bottle<br>Size | 200g  | 200g  | 200g  | 200g  | 200g  | 200g   | 200g   |

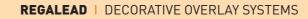
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| Fusion Tile<br>Adhesive                         | Inox<br>Adhesive                                | Glassmaster<br>116 Pro                                   | Safe-to-Bond<br>Pro                             | Glassmaster<br>MV                                       | Glassmaster<br>LV                                       |
|---|---|--|---|---|---|
| UV  | UV  | UV   | Visible   | UV  | UV  |
| Medium  | Low   | Medium   | Low   | Medium  | Low   |
| <b>30 seconds</b><br>2 x 15 second<br>exposures | <b>30 seconds</b><br>2 x 15 second<br>exposures | <b>30 seconds</b><br>1 x 10 + 1 x 20<br>second exposures | <b>40 seconds</b><br>2 x 20 second<br>exposures | <b>28 seconds</b><br>1 x 8 + 1 x 20<br>second exposures | <b>28 seconds</b><br>1 x 8 + 1 x 20<br>second exposures |
| Excess<br>cut and<br>peeled off                 | Excess<br>wiped off                             | Excess<br>cut and<br>peeled off                          | Excess<br>wiped off                             | Excess<br>cut and<br>peeled off                         | Excess<br>wiped off                                     |
| 200g  | 200g  | 200g<br>1 litre<br>5 litres                              | 200g<br>1 litre<br>5 litres                     | 200g<br>1 litre<br>5 litres                             | 200g<br>1 litre<br>5 litres                             |





## **UV-Tek Luminaries and Equipment**

Our selection of UV-Tek luminaries are all fitted with fully digital controls and timers, ensuring an even and consistent cure every time. UV-Tek is exclusively available through RegaLead and its distributors and is firmly established as the leading bevel bonding system on the market today.



#### **FSU Elite**

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#### Free Standing Unit

A variable timed exposure unit designed for curing adhesives using UV light. It features separate background lighting for film work and a remote switch for use with the slider rail. Ideal for large bevels.

Curing area approx: 410 x 1220mm | Dimensions: 1830 x 600 x 110mm Working height: 900mm | Product Code: RFSUELITE



#### **Extension Cradle for FSU Elite**

Easy to fit, detachable Glass Support Extension Cradle allows safe handling of large sheets of glass up to 2m wide and 1.2m deep (4mm glass) for bevel bonding. Two additional rails hold the glass in place. The Support Rail measures 1.9m wide x 1m deep. Can only be used on latest FSU Elite units (with digital timer and remote). Product Code: RUVCRADLE



#### Bench Top Unit

A variable timed exposure unit designed for curing adhesives using UV light. It features separate background lighting for film work. **Curing area approx:** 410 x 455mm **Dimensions:** 780 x 600 x 110mm **Product Code: RBTUELITE** 



#### DTU 150

Desk Top Unit A variable timed exposure unit designed for curing adhesives using UV light. Ideal for fanlights and cabinet work. Curing area approx: 455 x 215mm Dimensions: 680 x 380 x 60mm Product Code: RDTU150

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#### **PCU Adaptor**

Transforms 110V power supply to 240V UK supply. Required for customers in USA, Canada, Japan and some central American countries. **Product Code: RUVPCU** 



## **RegaBond Luminaries and Equipment**

Although we recommend UV-Tek equipment for curing from below, we also offer a range of hand-held lamps for customers who are looking for a low-cost option to bevel bonding.



#### Large 30W Lamp

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2 x 15 watt tubes. Top handles for easy movement, detachable legs for easy positioning and simple on/off switch. Curing area approx: 400 x 90mm | Dimensions: 510 x 120 x 120mm Product Code: REXPLAMP30W



#### Small 12W Lamp

2 x 6 watt tubes. Top handles for easy movement, detachable legs for easy positioning and simple on/off switch. Curing area approx: 160 x 75mm | Dimensions: 210 x 100 x 70mm Product Code: REXPLAMP



#### UVL 56 Hand Lamp

Our original hand-held lamp. Robust construction with 6 watt light output and ergonomic handle design. Made is USA. Product Code: RUVL56

#### **Replacement Parts for Luminaires**

| UVSTART  | Starter motor for UV-Tek lamps      |
|----------|-------------------------------------|
| TUBE100  | 1050mm UV tube for FSU Elite        |
| TUBE50   | 600mm UV tube for BTU and DTU       |
| TUBE15   | 15 watt tube for large 30 watt lamp |
| TUBE6    | 6 watt tube for small 12 watt lamp  |
| TUBE6HL  | 6 watt tube for UVL56 handlamp      |
| UVREMOTE | Replacement remote for FSU and BTU  |

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## **Bevel Adhesive Testing**

Our bevel adhesives are all designed for outdoor applications and need to withstand the huge variations in temperature and climatic conditions that our worldwide customer base will encounter. When used in conjunction with insulated glass, further stresses are put on the adhesives as the glass surface flexes with the changing air pressure and heat. All our products are put through the same rigorous test procedures and we can confidently offer a 10 year warranty.



**Snap Test on Float Glass** 

A 38mm square Bevel is bonded on to a 4mm float glass strip, and then flexed over a 15mm pivot until the glass breaks. The adhesive only passes if the bevel remains intact with no sign of delamination at all being in evidence.



**Flex Test on Toughened Glass** 

A 51mm bevel is bonded centrally on to a toughened glass pane. The glass is then flexed over a 15mm pivot until the glass touches the table on both sides of the pivot. The adhesive only passes if the bevel remains intact and there is no sign of de-lamination at all being in evidence.



Humidity Test

A bevel design is bonded on to a pane of float glass and placed in a humidity chamber set at 38 degrees Celsius, 95% Relative Humidity for a period of 2 weeks. The bonded bevel is inspected for water vapour penetration.



#### **Heat Resistance**

The bevelled glass from the Flex Test on toughened glass is placed on to a wooden frame with the bevel facing downwards. A heat gun is placed less than 10mm from the glass and turned on to full heat. The adhesive will only pass this test if the bevel remains intact for more than 5 minutes.



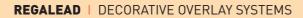
**Deluge Test** 

A bevel design is bonded on to a pane of float glass and placed in a deluge chamber with the water set at 65 degrees Celsius. A full cycle takes 2 hours, and the adhesive will only pass this test if there is no sign of delamination after a minimum of 3 continuous cycles.



Clarity of Bevels

A bevel design is bonded to a pane of float glass and the unit left in sunlight for 2 hours to photo-bleach. The adhesive will only pass this test if the bevel is optically clear to the naked eye.





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## **TOOLS & ACCESSORIES**

decorative overlay project. Included in the range are application tools for lead, film and bevel work, cleaning and finishing products and soldering tools.



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## **Cleaning & Finishing**



RegaSheen Original Water based chemical, used to create an aged effect on natural lead profiles. 250ml: RCAF01 5 litres: RCAF02



RegaSheen Plus Similar to RegaSheen original, but produces a darker effect. 250ml: RCAF03A 5 litres: RCAF04A



Patination Oil Apply to fresh, natural lead to provide a protective film which prevents uneven oxidation. 250ml: RCAF05



Bevel UV Adhesive Remover Iso-proponal based cleaner for removing excess bevel UV adhesive after curing. 1 Litre: RCAF06 5 Litres: RCAF16



**Lead Adhesive Cleaner** 

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Solvent cleaner to remove excess pressure sensitive adhesive from glass after lead application. 250ml: RCAF07



**UV-Tek Glass Cleaner** 

Aerosol foaming glass cleaner which is smear-free and compatible with UV curing adhesives. 12 per carton 600ml: RCAF08



#### Wire Wool

Fine grade to remove contamination from glass panels with minimum risk of causing surface damage. 1lb: RCAF12



#### **Boss Wipes**

High-quality, lint-free paper towels supplied in a box dispenser. Towel size: 255 x 395mm 400 sheets: **RCAF17** 



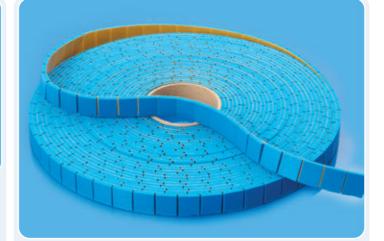
RegaClean No.1 Specially formulated using Isoproponal for preparation of glass before applying overlay products. Trigger Spray Bottle (500ml): RCAF14

Plastic Container (5 litres): RCAF15



#### **Polish and Protect**

Wax-based, low abrasive polish and restorer that will bring lead to a brilliant shine and remove surface dirt and small amounts of lead oxide. The 'waxy' residue will give short term protection from tarnishing. 250ml: RCAF21



**Blue Transport Pads** High-density foam, single-sided adhesive, blue transport pads for glass. Size: 19 x 23mm. **1000 per roll: RGLASSPAD** 



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## **Application Tools and Materials**



Lead Roller The perfect tool to ensure lead profiles have maximum adhesion to glass. 65mm: RATM01 | 50mm: RATM02



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**Film Rollers** 

150mm hard rubber roller and 75mm soft rubber roller for film application. 150mm: RATM05 | 75mm: RATM06



#### **DIY Boning Peg**

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Finishing tool for lead profiles, to seal the edge and crimp at crossovers. RATM03



**Teflon Boning Peg** Our professional grade boning tool can be re-sharpened and is a must for the professional Overlay artist. RATM19



#### **Film Applicators**

Turbo Pro for small film pieces. Hard edge for larger areas. A Turbo Pro: RATM08B Hard Edge: RATM07



**Safety Blades** 

General purpose, single-edged safety blades for trimming lead, film and removal of adhesives. 100 per box: RATM10

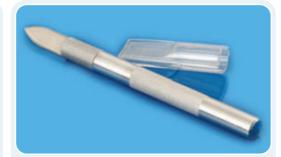


**Safety Blade Holder** Neat holder to ensure safer use of single-edged blades. RATM11



**Combination Tool** 

A fantastic roller and film applicator in one. The 6" wide hard applicator is ideal for laying both Stained Glass Art Film and CadBlast vinyl. RATM22



#### **UV-Tek Superknife**

Double-edge knife, perfect for removing excess adhesive between bevels. Features changeable blades. Knife: RUVSKNIFE | Blades (10 pack): RUVSKBL10



#### **Film Application Solution**

Iso-proponal/water based solution to enable fault-free application of films. 1 litre: RATM09



#### **Heavy Duty Craft Knife** and Blades High quality scalpel knife for accurate cutting of films. Knife: RATM12 Blades (5 pack): RATM13



**Trim Tool and Blades** Removes excess paint, stickers and adhesive from windows. Trim Tool: RATM16 Trim Tool Blades (5 pack): RATM15



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**REGALEAD** | DECORATIVE OVERLAY SYSTEMS

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## **Soldering Equipment and Accessories**



Weller Soldering Iron 100 watt, temperature-controlled, professional, multi-purpose soldering iron for fast soldering of all types of decorative glass leadwork. RSOL01



Soldering Iron Stand For resting the soldering iron, includes built-in sponge tray. RSOL02



Soldering Tips 7mm wide for general use. 4mm wide for more detailed work. 7mm: RSOL03 4mm: RSOL04



Sal Ammoniac Tinning Block For cleaning and tinning soldering iron tips. RSOL05



Powerflow Flux Paste flux for use with solder. 350g: RS0L06

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Bakers No.3 Flux Liquid flux, easy clean, for use with solder. 250ml: RSOL07



#### Solder

**PPE** 

60% tin/40% lead solder. The higher tin content allows the solder to flow easier and gives a cleaner looking joint. 1kg/18 Sticks: RSOL08



#### **Fume Trap**

The Fume Trap<sup>™</sup> provides a safe soldering environment by drawing fumes away for the person soldering and traps them in a disposable activated carbon filter. Fume Trap: RSOL09 Replacement Filter: RSOL10

## **Designer Glass Clips**



Window Glazing Clip For installation of glass in front of existing glazing. Up to 6mm glass thickness. Packed in 25s. RATM20



Cabinet Glazing Clip For flush fitting of glass into up to 12mm in recessed cabinet glazing. Packed in 50s.

RATM21



UV goggles UV protective goggles for use when working with UVTek and RegaBond bonding equipment. RUVSPECS



Latex Gloves 100 Box Powder free, high-quality, latex gloves to protect against chemicals, adhesives and solvents. Medium: RCAF10 | Large: RCAF11

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# **fusion**

## Fused Glass System

## Index

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## Introduction

Fusing, is the beautiful art of creating stylish glass pieces by firing them at high temperatures in a kiln. A whole host of effects can be created using this process, from glass 'slumping' to make bowls and dishes, to fully fused pieces to make, well, almost anything! This age-old process is such a versatile method of creating stunning work, as fused glass can be as intricate or as simple in design and still be equally eye-catching and unusual.



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#### **Our System**

Our cost-effective system is based around the simple concept of float-compatible glass. Featuring a huge selection of styles and colours, this range eliminates the need for expensive artistic glass, making it easy to create beautiful fused glass pieces. Our selection of kilns, in a range of different sizes, means we've every design studio requirement covered. To complement this system, we've got an extensive selection of equipment and accessories, to cater from design right through to the finished product.



#### **Fused Glass Products**

There are many features and benefits found with our cost-effective fusing system:

#### **Glass Range**

- Float-compatible glass eliminates the need for specialist artistic glass
- Huge range of colours and beautiful effects
- Added design flexibility as the glass can be sandblasted
- Selection of special glass effects possible

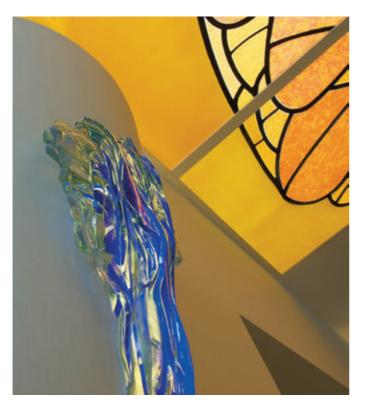
#### Kilns

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- Our own kiln designs
- Bentrup controller system
- Automatic vents
- 2 sizes as standard

#### **Glass Equipment**

- Advanced cutting equipment for intricate designs
- Large range of moulds for glass slumping
- Full range of equipment for every stage of the process





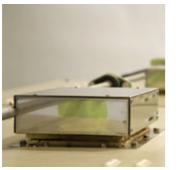


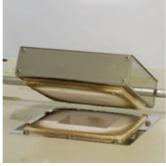


## Kilns



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#### Fusion by RegaLead Kilns

Our Fusion by RegaLead kilns are single layer, electric kilns capable of firing up to 900°C. Featuring the recognised industry standard TC405/30 Bentrup controller, our Fusion by RegaLead kilns are capable of storing up to 99 firing programmes, making them perfect for every fusing requirement.

Our kilns are insulated with multiple layers of high-density ceramic fibre and feature resistance wire, wound inside quartz tubes to ensure uniform radiation. Cooling and ventilation is easy with automatic chimneys and a pneumatic mechanism for lid opening.





| Technical Features              |                          |  |  |  |
|---------------------------------|--------------------------|--|--|--|
| Fusion by RegaLead 1208/30      |                          |  |  |  |
| External Dimensions (W x D x H) | 1800mm x 1100mm x 1100mm |  |  |  |
| Internal Dimension              | 1200mm x 800mm x 300mm   |  |  |  |
| Power                           | 9Kw                      |  |  |  |
| Weight                          | 250Kg                    |  |  |  |

| Fusion by RegaLead 2010/30      |                          |  |  |  |
|---------------------------------|--------------------------|--|--|--|
| External Dimensions (W x D x H) | 2700mm x 1300mm x 1100mm |  |  |  |
| Internal Dimension              | 2000mm x 1000mm x 300mm  |  |  |  |
| Power                           | 18.1Kw                   |  |  |  |
| Weight                          | 550Kg                    |  |  |  |









#### **3mm Ceramic Blanket**

- 1220mm wide
- Sold by the metre (max 20m roll length)
- Can be used to avoid glass sticking to the kiln base
- The blanket can easily be shaped to create structure in your glass object
- The blanket can be used for up to 20 firings
- FUSPAPERCER

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#### rusion Sheu Phiner - 25kg

- A new formulation dry shelf primer designed to attain maximum transparency in fusing and can be textured
- Suitable for 20 kiln firings without changing
- Coverage 2Kg/m<sup>2</sup>
- FUSPRIMER



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#### **Ceramic Fibre Board**

- 1200 x 1000 x 25mm
- Suitable as an under-layer for firing, or for making slumping forms or supports
- Can be cut with a sharp knife
- Made with a mixture of refractory fibres and low content of organics which allow use up to 1260°C

#### FUSBOARDCER



#### **Board Hardener**

- 5 Litres
- Hardening chemical for ceramic boards.
- Apply with brush or by spraying until board is fully impregnated and leave to air dry before burning off in 525°C firing cycle.

#### **FUSBOARDHARD**



#### Levelling Rod

1m glass rod used for levelling off shelf primer to a flat surface. **FUSTUBE** 



- 230 x 114 x 76mm
- Refractory grade bricks. Ideal for supporting fibreboard shelf as a substitute for kiln posts.
- FUSFIREBRICK



#### Overglaze - 1ltr

- Lead-free formulation which is applied with a spraygun. Prevents devitrification at high temperatures and leaves no trace after firing
- Suitable for temperatures from 790°C + **FUSOGLAZE1LTR**

## Fusion GL Fusion Glue Fusion GLue - 50g

High quality glue for securing glass pieces before fusing. Will burn off during fusing cycle. **FUSGLUE** 

## **Fusing Tools & Equipment**

#### Tin Side Detector

Simple to use yet robust tool for detecting the tin side on glass. A must for customers using Fusion float compatible glass. When the lamp is placed on the tin side of the glass, the

Huorescing lamp image glows visibly. When placed on the non-tin side, the lamp image appears normal. Made in USA.

FUSTSD

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#### Stressometer

Perfect tool for detecting stresses in fused glass. Used to test compatibility between the base glass and Fusion float compatible glass. **FUSSTREES** 



FUSTA5



FAP Glass Cutter 1015d Oil head cutter: 2-5mm. Small head FUSTA1



Oil head cutter 2-5mm. Wide head **FUSTA2** 



FAP Breaking Pliers 15cm



#### **Taurus 3 Ring Saw**

The Taurus 3 Ring Saw is an advanced shape cutting saw. We believe that you will find the 'all new' patented Taurus 3 Ring Saw the most important key to unlocking your imagination and speeding you on your way to creating new and wonderful shapes never before possible.

The ring saw is a completely unique machine and its operation is very different than any other machine. Unlike other band saws, there is no need to turn and direct the glass. With the Taurus Ring Saw, shapes can be made by moving the material forward, backward, left and right so rotation is not necessary.

#### FUSSAW

- Specification:
- 17<sup>3</sup>/<sub>4</sub>" x 16" work surface.
- 140mm throat depth.
  38mm throat height
- 38mm throat height. 1/5 horse power motor.
- 110 volt or 220 volt (w/ internal transformer) capacity. 1.3-1.7 amps



- Includes:
- 1 Standard Ring Blade (installed).
- Integrated spot light.
- Removable face shield.
- 1 Stabilizer Foot
- 1 Instructional DVD as well as a written instruction manual.





- FUSION | FUSED GLASS SYSTEM

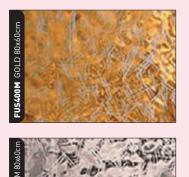
## **Glass Colours**

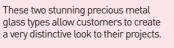
Our stunning new glass products have revolutionised the fusing glass process, making it easy to create beautiful work. Our huge range of float compatible glass, features a selection of unusual and eye-catching effects. The design flexibility is further enhanced as each of the 2mm thick pieces can be sandblasted to create additional unique effects. **Sheet size: 800mm x 600mm** (unless specified otherwise)

#### **Transparent Colours**



#### **Precious Metals**

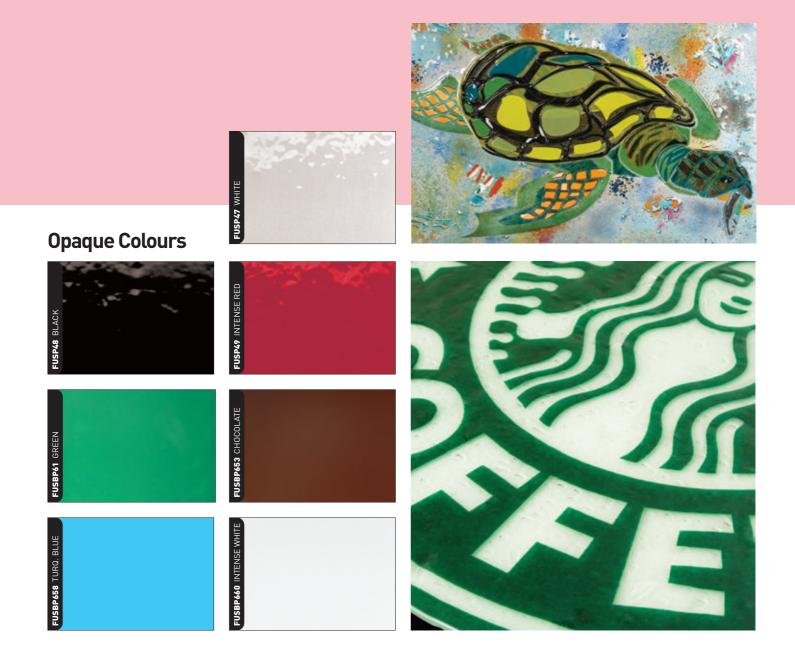






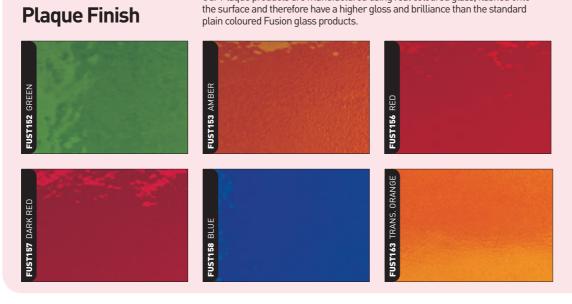






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Our Plaque products are manufactured using real coloured glass, flashed onto the surface and therefore have a higher gloss and brilliance than the standard plain coloured Fusion glass products.



FUSION | FUSED GLASS SYSTEM



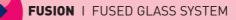
## **Glass Colours**

## **Translucent Veined**



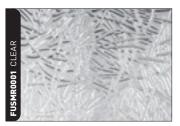
## **Transparent Veined**

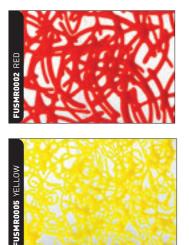




## **Special Effects**

### Tangle Effect 400g Packs

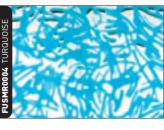




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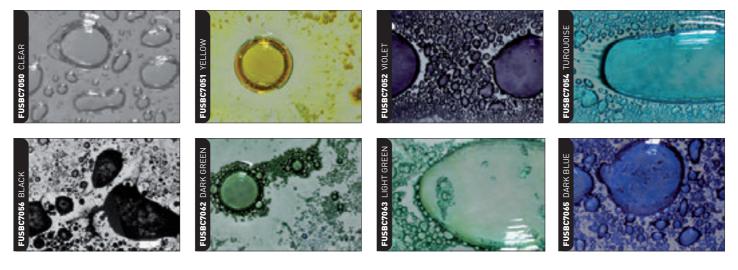




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### **Bubble Effect** 1 Kg Packs

This special effect powder is designed to be used between 2 layers of glass, to create striking bubble effects. The colours can be mixed to create new colours and can be used with Fusion float compatible glass (eg. Blue bubble effect against yellow transparent glass will create green bubbles).



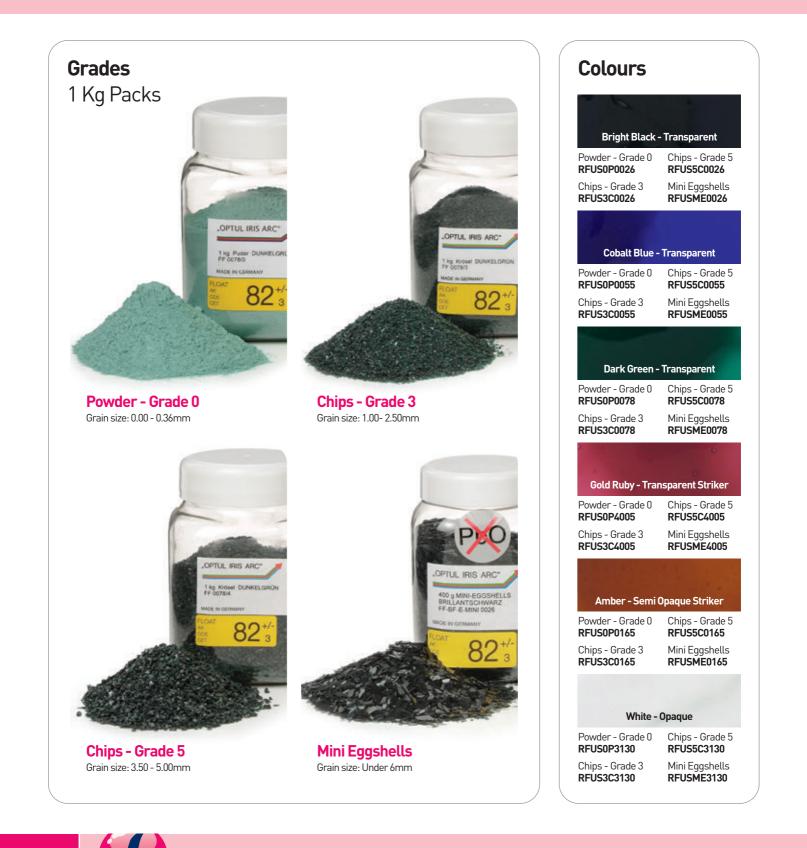




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Our range of powder, chips and eggshells are ideal for adding an extra dimension to fused glass or for adding a touch of colour to cast or slumped glass pieces. All the products are float glass compatible and produce a vivid colour after fusing. Please note that striker colours change once fired (colour shown is final colour). We offer a range of 4 grades in 6 colours:



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Simple in design, easy to use Glassline paints are a lining and shading product for fused glass. Glassline paints may be applied in between multiple layers of glass or on the surface for a complex dimensional look. To further explore your creative edge Glassline paints can be mixed with water to produce a sprayable version to achieve subtle shading variations.



Glassline is compatible with most types of glass, from float to 90 and 96 COE. Optimal firing temperature is 1500°F/815°C but can be fired at lower and higher temperatures. We offer a range of 11 vibrant standard colours including black and white, plus copper and gold metallic. **Supplied in 100ml bottles**.

## **Plain Colours**

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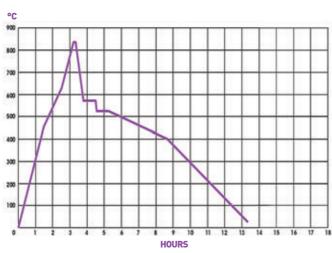




## **Fusing Cycles for Fusion Glass**

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These graphs provide a rough idea of the approximate timings of the different stages. Time is dependent on the size of kiln. The graphs measure kiln time (in hours) over temperature (°C).



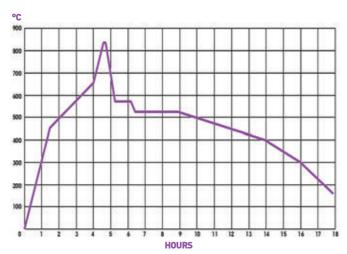
#### Programme One:

For small to medium pieces

• Maximum piece size 1m<sup>2</sup>

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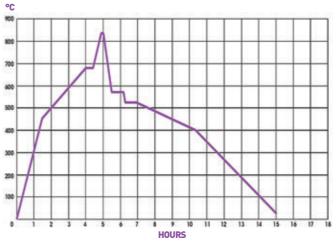
Maximum glass thickness 6mm



## **Programme Three:**

For thick pieces

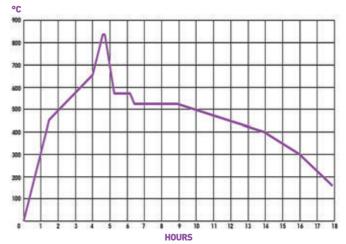
- All piece sizes
- Minimum thickness 8mm



#### **Programme Two:**

For medium pieces

- For pieces over 1m<sup>2</sup>
- Maximum glass thickness 6mm



## **Programme Four:**

For any pieces

• Any glass size

- For combinations of different sizes and thicknesses
- For multiple layers of glass

B14

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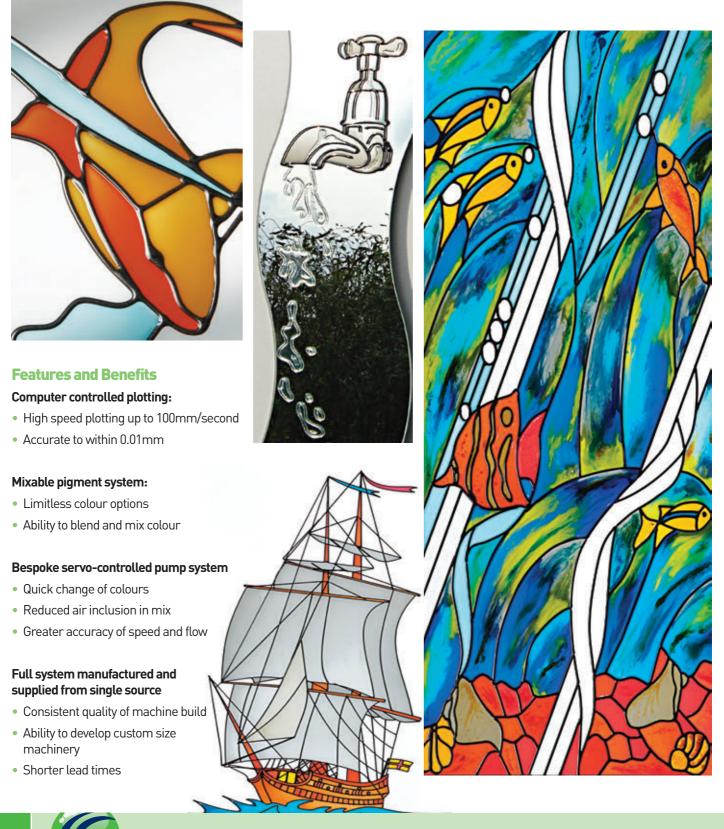
## Resin Dispensing System

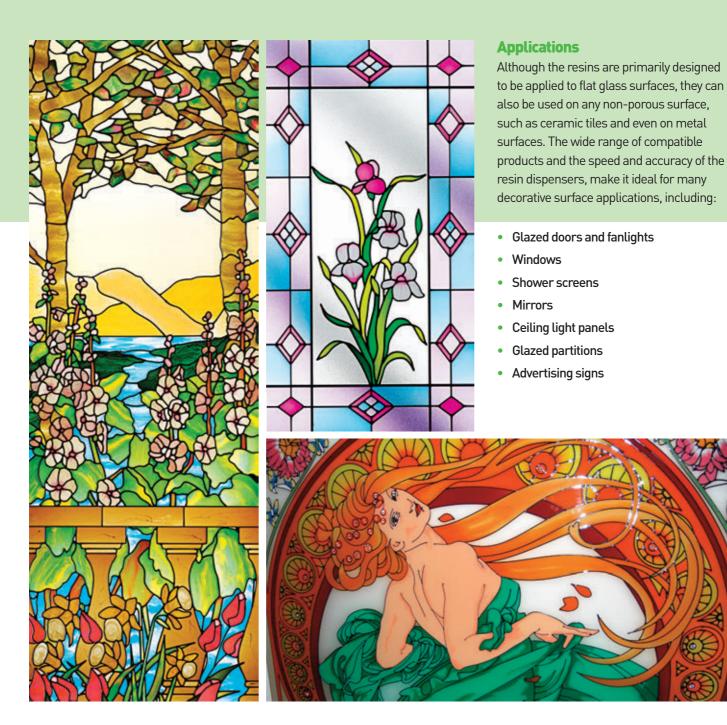
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| Application Machinery<br>Options | C10       |
| Application Machinery<br>Spares  | C11       |
| Resin System Products            | C12       |

## Introduction

The CadRam decorative resin system is based around a range of high-quality, colour-stable and pigmented lead-free resins that are machine dispensed to create incredibly detailed and cost effective works of decorative glass art. With a wide range of outline relief colours, the system also incorporates an infill colouring system that creates an infinite palette of colours offering real 'life' to any design.

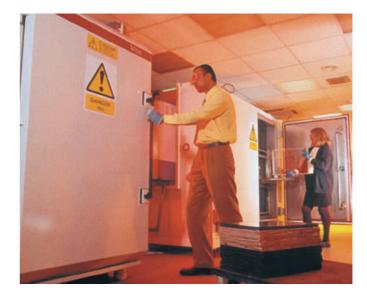




#### Performance

CadRam resins have been used in the glass industry worldwide for over 10 years in climates as varied as those in the Ukraine, India and New Zealand with no reported failures.

CadRam products have also been extensively tested in UVA 10 year performance guarantee and weathering cabinets. The results were excellent (data available on request) - allowing customers to give a 10 year performance guarantee.



CADRAM I RESIN DISPENSING SYSTEM

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## **Outline Technology**

#### **Outline Colour System**

The unique CadRam resin formula requires two components to be mixed at the time of dispensing to create a UV and weather-stable product that cures (touch dry) in under two hours. The standard range of colours are: black, grey, white, plus three metallic finishes - antique (a copper look), silver and gold. For 2015 we have 2 new colours with Bright Gold and Mother of Pearl. Bespoke colours can also be supplied, subject to volume.

#### **Crystal Clear Resin System**

To create this unique look on glass, the CadRam Crystal Clear resin system is dispensed in the same way as our standard outline products. The glass-like optical qualities of the Crystal Clear resin creates a 'cut glass' look which is equally suitable for traditional, Victorian-look glass and modern styles. Crystal can be combined with infill pigments to create an infinite range of coloured or transparent outlines.



Bright Gold

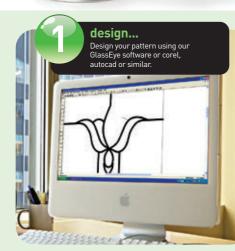
Mother of Pearl

Black

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neu





CadRam



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## Infill Technology



#### **Infill Resin System**

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By mixing and adding the range of 12 standard pigments to the 2-part clear base infill resin, it is possible to create infinite colours and shades. With our Satin infill base, it is possible to also create a translucent, satin finish for colour. This complete freedom of colour availability, makes CadRam a unique option for the decorative glass market. In addition to these standard pigments, 9 fluorescent colours are available that glow under UV light conditions making these colours ideal for signage or decorative glass design in clubs, restaurants and other commercial applications.





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#### CADRAM I RESIN DISPENSING SYSTEM





## ArtPlot v5.0 Intuitive Control Software

The latest version of ArtPlot has been developed with touch screen compatibility and a whole host of new features to create a machine control interface that is both intuitive for the user and designed to speed-up production time.



## HDDS Range Resin Dispensing System

#### **Key Features**

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- Fast accurate plotting up to 70mm/second
- Lightweight aluminium construction
- Increased levels of control through intelligent pumps
- Elimination of air bubbles via an innovative mixing system
- Quick-change pumps allowing rapid change of colour
- intuitive software allowing flexibility and speed of operation
- UK designed and manufactured

CADRAM I RESIN DISPENSING SYSTEM

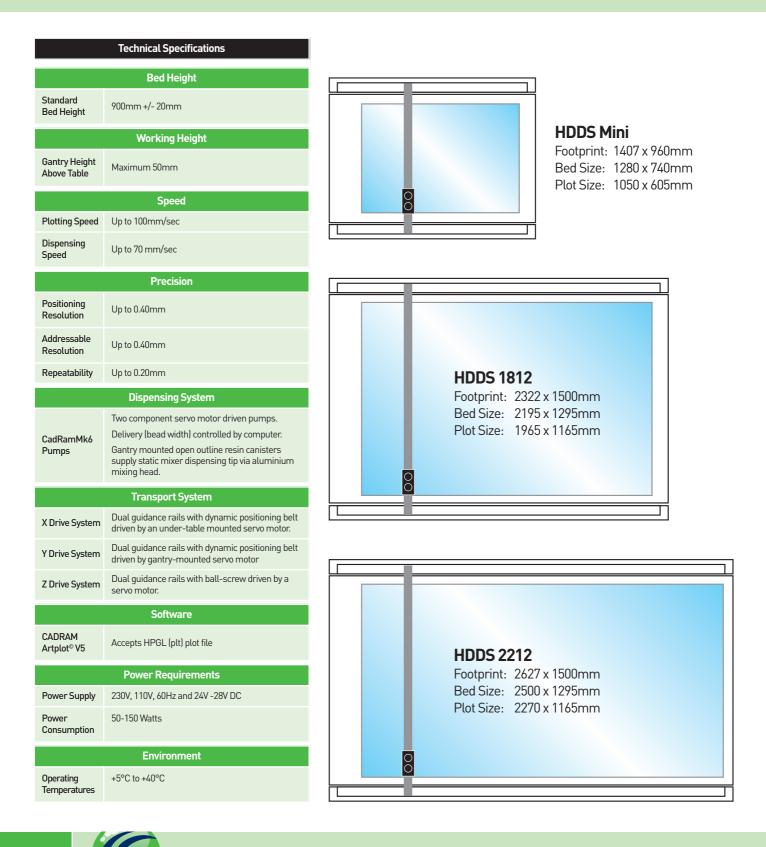
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## **Standard Machine Sizes**

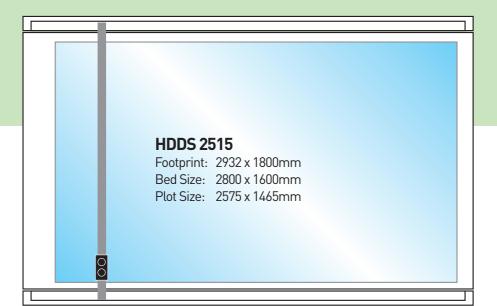
We offer the highly versatile HDDS equipment in a range of sizes to suit most requirements and, as we manufacture all machinery in our own factory, we can manufacture custom sized machinery up to 2.7 metres in length and 1.5 metres wide.

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CADRAM I RESIN DISPENSING SYSTEM





## **Application Machinery Options**







Pump Sets 100:1 Gearing Ratio

3mm Full 3mm pump assembly with quick change cable. Ideal for use with clear resins, pearl, bright gold and metallic outlines.

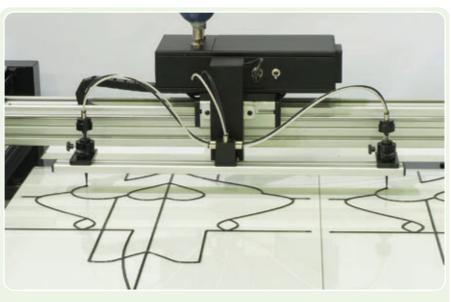
**5mm** Full 5mm pump assembly with quick change cable. Ideal for use with plain colours

and for wider line

widths.



**3mm Pump Set (CRI)** 30:1 Gearing Ratio Full 3mm pump assembly including fixing plate for use on CRI machinery.



#### **Double Head Applicator**

An ideal enhancement for any larger volume producer allowing 2 identical plots at the same time with an special pump and dispenser. Easy change system for switching between standard and double head plotting. Available for 2712, 2212 and 1812 machines only.



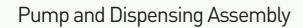
**Machinery Cladding** CadRam branded steel cladding for 3 sides of the machine. Ideal for discreet storage under the machine



**Computer Stand** Sturdy aluminium computer stand with screen holder and shelf for keyboard and mouse. CadRam branded.

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# **Application Machinery Spares**



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### **Resin System Products**

### **Outline Resins**



#### **Outline - Part A** 5 litres, 2.5 litres or 1 litre. Antique Copper, Black, Bright Gold, Clear, Gol

Antique Copper, Black, Bright Gold, Clear, Gold, Grey Pewter, Mother of Pearl, Silver, White.

### Infill Resins

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We offer a range of infill resins for colouring and adding texture to decorative glass designs. The products are a two-component system with a 50:50 mix ratio and can then be pigmented to create the desired colour.





**Infill - Part A** 5 litres, 1.25 litres or 500ml



CadRam

OUTLINE

Antique Coppe

Briaht Gold

Clear

Gold

lother of Pear

Silver

White

**Infill - Part B** 5 litres, 1.25 litres or 500ml

OUTLINE

CadRam

OUTLINE

Available in 5 litres, 2.5 litres or 1 litre.

Black, Bright Gold, Clear, Mother of Pearl, Grey Pewter, White.

Metallic B (for use with 'Part A' Copper, Silver, Gold).

**Outline - Part B** 



Stipple Effect - Part A 1.25 litres



Stipple A should be mixed with clear infill B to create a textured effect similar to Stippolyte glass- offering a level of obscurity and contrast to the infilled area. The effect created is the same whether applied to clear glass or satin glass. Stipple Infill can also be combined with our range of Pigments to create coloured texture.



Satin Infill - Part B 1.25 litres or 500ml

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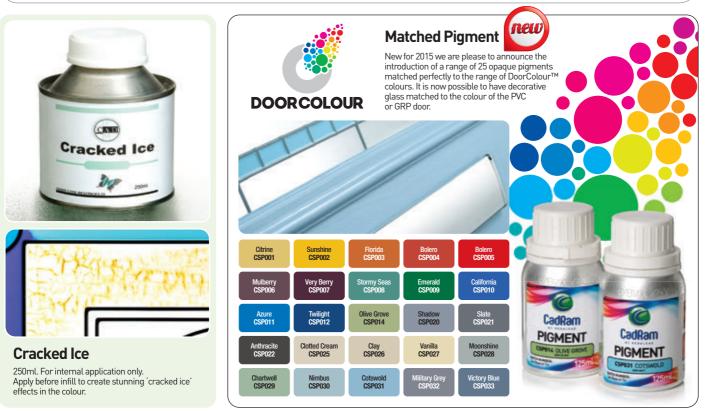
Satin Infill should be mixed with clear Infill A, to create a finish similar to satin etched glass. When combined with transparent pigments, the Satin Infill creates a translucent effect.



#### **Pigments**

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### Accessories & Consumables



**Open Mixing Pots** Calibrated (Pack of 50).



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Closed Mixing Pots Calibrated (Pack of 25).



**Pipettes** 3ml (Pack of 50). 1ml (Pack of 50).



**Flushing Fluid** 1 Litre. For removal of resin and cleaning of pumps.



Static Mixers Pack of 10.



Tips 1mm - Green, 1.5mm - Grey, 2mm - White. (Pack of 10).



CRI Static Mixers Pack of 10.



Metal Tips 1mm - Green, 1.5mm - Grey, 2mm - White. (Pack of 10). Leur lock not included.



Economy Application Bottle 60ml. An alternative to mixing pot and pipette. (Pack of 10).



Metal Tip Application Bottle 60ml bottle with cap. (Pack of 10). Tips not included.



**Tube** 5 metres.

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# Glass Spraying System

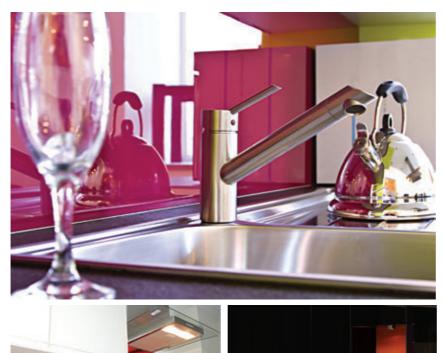
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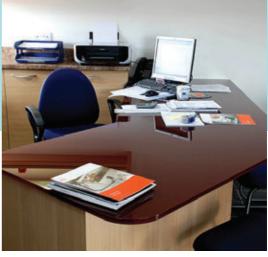
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| Colour Systems            | D5        |
| Marketing Support         | D6        |
| ColorSpray Equipment      | <b>D8</b> |
| Sata RPS System           | D12       |
| ColorSpray<br>Consumables | D13       |
| ColorSpray Materials      | D14       |
| Application Guidelines    | D18       |

## Introduction

ColorSpray is a hardwearing, cost-effective and durable coating for glass that can be used both internally and externally in many glass applications. ColorSpray is a 2-part, resin-based system with added colourant and special effects materials based on our proven specialist formulations.

With ColorSpray, it is possible using our bespoke colour-matching software, to create almost any imaginable colour for glass, quickly, easily and with minimal investment.







ColorSpray can be used in a wide range of glazing applications:

- Splashbacks
- Glass worktops
- Mirrors
- Spandrel panels
- Privacy glazing
- Wetrooms
- Shower walls
- Glass floor tiles
- And much more....



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#### **ColorSpray Products**

The ColorSpray system has many features and benefits not found with other glass colourant systems:

Sprayable system

- Easy to use and low investment cost
- Can be applied to curved or shaped glass
- Ideal for small or large volume applications
- Quick and easy to change colours

Just 19 opaque and 11 transparent colours with in-house mixing

- Reduced inventory costs
- No more waiting for colour matched paints

Computer formulated mixing

- Produce batches as small as ½ litre
- Accurate colour reproduction
- Any Pantone, RAL, Farrow and Ball, BS and NCS colour possible

#### Effect Bases

- Flash Base: produce stunning pearlescent effects
- Quartz Base: produce the look of granite
- Fleck Base: create a distinctive marbled look
- **Metallics:** create a stunning gold, silver or copper effect
- Glitter Base: add sparkle to your colour
- Ringing Effect: create the look of bubbles
- **Chrome Effect:** create the appearance of a mirror

#### ...all available with any colour backing!





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#### COLORSPRAY | GLASS SPRAYING SYSTEM

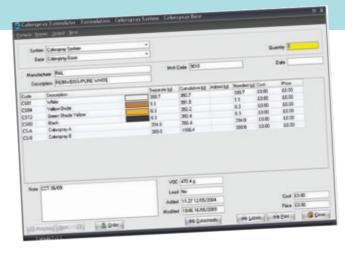


# **ColorSpray Formulation Software**

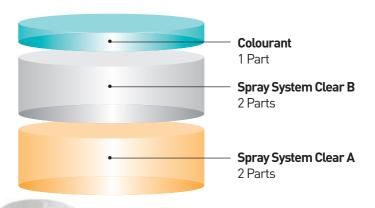
The ColorSpray Formulation software is a unique database of over 4000 formulae to create specific colours by weight using our system on 19 base colours.

Through searching either by the manufacturer, the manufacturer's code or a description, the software will provide an accurate weight-based formulation of your desired colour.





From there, all you need to do it weigh out the correct amounts of each of the colourants and add them to the specialist clear base paints. The total colourant volume mixing ratio is typically 20% of the overall mix, or:



#### **Key Features**

- Dynamic Database that grows daily
- Software can link directly to dispensing equipment
- Available in multiple languages (French, Spanish, Dutch, Italian, Russian, Portuguese)
- Includes ColorSpray and ColorSpray GRP formulations
- Costs and VOC calculations for all formulae
- Online Ordering system direct to RegaLead sales office
- Search by keyword and partial codes



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# **Colour Systems**

Our easy to use ColorSpray Formulation Software currently has mixing formulae for over 4,000 colour options including RAL, NCS, British Standards and many more.

#### **Colour Guides**

We supply every new customer with a RAL and Pantone swatch. Additionally, we stock NCS and BS swatches and can offer `own-branded' RAL swatches in minimum quantities of 100.



RAL K7 Guide



Branded RAL K7 Guide 210 colours



Pantone Guide Solid Coated - 1114 colours



**BS Guide** 475 colours



NCS Guide 1950 colours



#### **Colour Savvy**

Click on any surface, such as a painted wall, rug, brick, wood or fabric swatch, and in seconds the Colour Savvy will compare it against the database to identify the best match. The unit is preloaded with RAL, NCS and BS Colours giving over 2600 options to choose from.

We also have thousands of formulations for the major retail paint suppliers worldwide:









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#### **Colour Matching Service**

Even with 4,000 colours in the system, there will always be a special colour that a customer requests and we offer a free of charge, colour match service for these occasions.

Our Colour Laboratory hold swatches for most of the major paint suppliers or customers can send in a sample of the colour they require and the formulation will usually be generated within 72 hours and uploaded to the software. These updates are normally available to our whole network of currently 200+ sprayers worldwide and with 20 requests per week, the database is growing at a rate of 1000 per year.

**COLORSPRAY** | GLASS SPRAYING SYSTEM

# Marketing Support

More than just a paint supplier

#### **Retail Brochure**

Our ColorSpray retail brochure for glass applications offers some fantastic ideas for consumers, including our 24 most popular colours for back-painted glass, as well as examples of our stunning Flash and Quartz effects.

Own-branded brochures with full, front and back cover changes are available, either styled to complement your existing literature or with something new we've created.

#### 'Effects' Presentation Folder

Our glossy, retail focussed selector shows our range of specialist effects on real glass samples.

#### **OnLine Colour Tools**

With our RAL colouring tool you can get a real feel for what the colours will look like in a kitchen splashback. With 5 different kitchen sets and the ability to change to any one of the 210 colours in the RAL Classic palette this online tool really shows the stunning look that glass splashbacks create. Either link to our website **www.colorspraynetwork.co.uk/colourtools.html** or request the code for incorporation into your own site. And its FREE.

LIVING

than just colou

### the world's leading splashback design software



### Smart-Splashback product guide

Smart-Splashback will quickly and easily calculate both kitchen and bathroom splashbacks. The designer is Smart-Builder's most flexible yet, to ensure that splashback layouts can follow the outlines of cupboards, windows and rangehoods. Glass calculations take account of clearances between the splashback and surrounding obstacles, as well as the deductions necessary at corners where panels meet and adhesive thickness is a factor.

With so much flexibility available, the biggest challenge is to provide ease of use and Smart-Splashback delivers. Panels can be dragged into place, alterations made with intuitive right click menus and dimensions entered directly onto an elevation view of your design. Adding a cut-out for a power point or tap is as easy as dragging from a maintainable library of standard cut-outs onto the glass panel and then entering exact offsets as required. It couldn't be easier!



#### more information: scan the QR code or visit www.smart-splashback.com

e: info@smart-builder.com skype: smart-builder UK: +44 (0) 844 809 9337 NZ: +64 (0) 9 968 4222



#### Did you know?

- You can overlay the 3D drawing of your splashback design onto a photo of the customer's kitchen.
- Glass and processing is automatically priced based on your selected supplier.
- You can build a library of your most commonly used cut-outs to drag onto panels.
- You can make any change to your design at any time rather than being locked into a prescribed order of steps.
- The Smart-Builder range of software is the only suite of integrated products designed specifically for the frameless glass industry.



- Save costs
- Increase sales
- Improve efficiency
- o Gain control



### **ColorSpray Equipment**



#### **ColorSpray 30 Rack**

The ColorSpray branded agitator shelf system comprises 5 shelves to take up to  $30 \times 2.5$  litre cans and the bottom shelf can be altered to take  $6 \times 1$  litre cans if desired. The automatic timer is set to agitate the paints for 20 minutes every 8 hours. CE marked. **RCSRACKCOL** 



#### ColorSpray 24 Rack

The ColorSpray 24 agitator rack is manufactured by Italian specialists TecMec and comprises 4 shelves that can hold up to 24 x 2.5litre cans. The automatic timer is programmable to allow for a variety of agitation intervals. CE marked and UL certified. **RCSRACK** 



#### **Gyroscopic Can Shaker**

The ColorSpray gyroscopic shaker is ideal for customers who are storing cans for long lengths of time without agitating. It is also ideal for mixing larger volumes of paint and can accommodate either 1 Litre, 2.5 Litre or 4 Litre cans. **RCSSHAKER** 

#### Features

- Anti-deflection and anti-vibration function
- Transparent viewing window
- Position Correction locking
- Safe Lock (5 second delay)

#### **Technical Data**

- Max weight: 10kg
- Mixing Speed: 225rpm
- Power: Single phase 370W
- Certification: CE and UL

Certification: CE and O





Our range of Drester gun cleaners improve the efficiency and cleanliness of the spray operation and are both manufactured in Sweden by Drester, the market leader in the manufacture of specialist cleaning systems for the automotive aftermarket.

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DRESTER

Compact



#### Drester Quickrinse Solvent Cleaner

The QR Solvent cleaner is designed for use with disposable cup systems and only cleans the gun body.

#### Features

- Uses Compressed air only so can be placed safely inside the booth
- Cleans in 10 seconds and full colour change can be achieved in 30 seconds
- Wall mounted system
- Cleans with ColorSpray Flushing
   Fluid

new

 Also suitable for water-bourne paints
 RCSRQRC



#### Auto Colourant Dispenser

The ColorSpray Auto Dispenser is designed to accurately produce formulae direct from our Formulator software. With 24 x 4 litre dispenser cartridges, the auto dispenser accommodates the complete range of ColorSpray colourants and both A & B base materials. Does not include PC. **RCSCAD** 



#### **Drester Boxer Cleaner**

The New Boxer Compact has a small foot print of just 66 x 44 cm, making



this unit ideal for space constrained mixing rooms. Incorporating the innovative Autobox allowing Gravity Spray Guns to be installed for cleaning quickly and easily (Suction and Pressure Guns require an adaptor kit supplied separately). The unit operates using a high volume, low pressure wash and has been designed specifically for spray gun cleaning machines. The pump has a lifetime warranty. **RCSRBSGC** 

#### COLORSPRAY I GLASS SPRAYING SYSTEM



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### **ColorSpray Equipment**

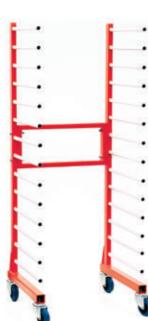


**Devilbiss Spray Gun Pro** Professional gravity-fed aluminium spray gun with 1.4mm nozzle and 560ml cup capacity. **RCSGUN** 

#### **Expander Rack**

- 11 bars per upright
- 780mm long bars
- Soft plastic coated bars
- Working space
- between bars: 125mmMax distance
- between bars: 1430mmMin distance
- between bars: 300mm
- 4 x 150mm dia swivel castors
- Max capacity: 200kg
- RCSEDR

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Effects Spray Gun Lower specification gun with 2mm nozzle, ideal for spraying ColorSpray effects. RCSGUNEF



#### **Digital Scales**

For accurate weighing of colourants. Accurate to 0.1g with 3Kg capacity. **RCSSCALES** 



#### **Gun Holder**

The spray gun holder allows expensive guns to be stored correctly while not in use. Powerful magnets hold the spray gun holder in place and is supplied with an integral paint filter holder. **RCSGUNHOLDER** 



#### **Peelable Spray Booth Coating**

Solvent based heat stabilized peelable coating to protect walls, apply by brush, roller or spray. Leaves a good solid white background. Should not be applied to painted or plastic surfaces.

5 Litres RCSPROPEEL5 | 25 Litres RCSPROPEEL25

#### Budget Rack

- 14 bars per upright
- Bars 500mm long
- Gap between bar pairs: 85mm
- Bars can be 290mm or 600mm apart, depending on preference
- Overall height 1665mm
- Supplied with standard slide on
- Poly-Prop sleeves and end bungs
- Swivel castors for easy movement
- Unique central '2-Way' separator **RCSBDR**

**Drying and Storage Racks** 

We offer a variety of UK manufactured drying and storage systems for ColorSpray and CadRam customers that allow easy movement of glass through the factory, whilst remaining level and horizontal. Custom-made drying racks can also be produced quickly and cost effectively.

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# Glass Painting Made Simple

### Introducing the GoldGlass M.R.C 2350-C Automatic Painting Machine

Automatic shape detection, perfect finishing quality, self-contained extraction and can be used with all paint types.

#### **Advanced Features**

- An integrated extraction system removes fumes into a condensor unit allowing the machine to be placed anywhere in the factory
- Low paint consumption of 150-180 grams per square metre
- Spraying speeds of 2.6 seconds per metre
- Shaped glass surface spraying
- PLC control via full grahic soft-touch 7-inch screen

• Dual paint containers for an efficient alteration between colours

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- Full colour spectrum, with option for integration of ceramic inks
- Complete control of paint quality, spray gun speed and pace range
- Automatic piece scanning spraying only on areas where the glass lies & avoids cut outs.
- Easy to operate self cleaning system

# GOLDGLASS

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Glass Machinery Solutions Ltd T: 01788 569470 E: info@glassmachines.co.uk www.glassmachines.co.uk

# **SATA RPS System**



SATA RPS (Rapid Preparation System) is the cup system for bodyshops emphasising perfect painting finishes and high efficiency. SATA RPS facilitates the painters' work, significantly enhances the bodyshops' productivity and critically reduces the use of cleaning agents and solvents.

#### **One Cup - Four Functions**

Mix Paint

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 Paint • Refill the Paint Store the Paint

#### With only Three Components!

SATA RPS consists of only 3 components which means less handling efforts and thus, less expenditure of time.

 A Cup • A Lid A Sieve

No additional components are necessary. There is no other cup system with the same functions but with three components only!

Sata cups can be fitted to most Sata spray guns with no special connectors. For Customers using spray guns from DeVillbis, a stainless steel adapter is supplied free of charge with your first order.

# With Sata RPS colour change can be achieved in under 30 seconds...



### Consumables



SuperCups Pack of 50. With ratio marks and lids. 600ml RCSCUP 1300ml RCSCUP1300



Economy Cups Pack of 50 x 600ml. With ratio marks. RCSCUPST



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Filters Pack of 50 fine mesh filters. RCSFILTER



Wood Mixing Sticks Pack of 100. RCSMIXSTWOOD



Metal Mixing Stick Single. RCSMIXST



RegaClean No.1 For glass preparation. 500ml RCAF14 1 Litre RCAF15

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UV Tek Glass Cleaner 600ml aerosol foaming glass cleaner. 12 per carton. RCAF08



Latex Gloves 100 Box Powder free, high-quality, latex gloves to protect against chemicals, adhesives and solvents. Medium: RCAF10 | Large: RCAF11



Flushing Fluid 25 litres, 5 litres or 1 litre. For cleaning of

hoppers and spray gun. 1 Litre **RCSUTFF** 

5 Litres RCSUTFF5L 25 Litres

RCSUTFF25L

#### **ColorSpray Application Adhesive Guidelines**

#### Description

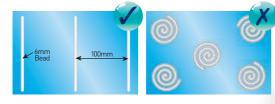
**COLORSPRAY LMF** is a clear, low modulus, neutral curing adhesive and sealant for use when bonding ColorSpray painted glass splashbacks and feature panels to a wide range of porous and non-porous substrates. The product is solvent free and contains a fungicide to improve mildew resistance when used in pointing applications.

#### **Substrate Preparation**

All ColorSpray surfaces should be fully cured and cleaned using RegaBond No.1 before application for optimum adhesive performance. Any plaster that the panel is to be adhered to, needs to be in good, sound condition with no loose or damaged areas. New plaster needs to be left at least 21 days to dry before the application of ColorSpray LMF adhesive.

#### Application

 The product should be applied to the ColorSpray surface with a 6mm bead at 100mm separation.



- The glass panel should then be pressed in place to give a 2mm separation and approximate 10-12mm wide bond area to maximise mechanical grab.
- The panels need to be dead load supported in all applications.
- Any pointing between panels or other adjacent areas must be tooled off within 15 minutes of application.







## **ColorSpray Materials**



**Clear Base - Part A** Available in 25 litre, 5 litre and 1 litre pack size. (25 litre requires a drum tap for dispensing)



**Clear Base - Part B** Available in 25 litre, 5 litre and 1 litre pack size. (25 litre requires a drum tap for dispensing)



#### **Opaque Colourant**

2.5 litres. 19 opaque base colours plus 4 aluminium effects to create 000s of RAL, BS, Pantone or NCS colours in conjunction with our unique ColorSpray Formulator software. Colour is mixed in 20:40:40 ratio with base materials.

CS02

CS03

CS04

CS05

CS06

CS07



| Black  | CS09 | Magenta     |
|--------|------|-------------|
| Red    | CS10 | Violet      |
| Yellow | CS11 | Scarlet     |
| Blue   | CS12 | Green Shade |
| Green  |      | Yellow      |
| Golden | CS13 | Bright Red  |
|        |      |             |



CS33 Extra Coarse Aluminium

CS34 Very Coarse Aluminium



Satin Base - Part B To create the look of satin glass or, when mixed with transparent, to produce a translucent colour.

Available in 25 litre, 5 litre and 1 litre pack size. (25 litre requires a drum tap for dispensing)





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#### **Transparent Colourant**

2.5 litres. 9 transparent base colours which can be mixed to create an almost infinite colour palette. Transparent when used with Clear Base and translucent when used with Satin Base. Colour is mixed in 20:40:40 ratio with base materials but can be used in lower volumes for lighter colour effects.

| CT03 | Red    | СТ08 | Yellow 3 |
|------|--------|------|----------|
| CT04 | Yellow | CT09 | Cerise   |
| CT05 | Blue   | CT10 | Violet   |
| CT06 | Green  | CT11 | Brown    |
| CT07 | Ruby   |      |          |

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All the ColorSpray resins are formulated and mixed at our specialist facility in Ebbsfleet, Kent and have been designed with the intention of being applied to glass.

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#### **Base Materials.**

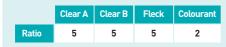
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All our base materials are formulated to achieve the optimum results when mixed in a 50:50 ratio. The base materials are a specially developed epoxy acrylic formulation that have exceptions adhesion to glass and contain no carcinogens.





1 litre. Special additive to be added to mixed paint to create a 'Fleck/Splatter' pattern. Please note that gun settings, distance from glass when spraying and temperature will affect the 'fleck' pattern. Needs to be backed off with contrasting colour.









# **ColorSpray Materials**

**Special Pre-Coat Effects.** All our Pre-Coat effects are designed to be mixed with ColorSpray Base A & B and to be applied as a first 'dust' coating and the glitter and reflective qualities of the specialist micas are brought out by applying the backing coat. To enhance the sheen and reflective qualities of the Flash and Glitter base, ColorSpray Structure Additive is required.

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#### **Glitter Base**

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1 litre. Pre-coat Glitter mica supplied in liquid format. The Glitter base gives extra sparkle to any colour and is most effective when used with black or a dark colour. The Glitter particles reflect light back from the glass surface and a structural additive is used to give the illusion of greater depth to the coating. The Rainbow Glitter base is made up from a blend of red, blue, green and silver particles. Available in Red, Green, Blue, Silver, Gold and Rainbow.



#### **Flash Base**

1 litre. Pre-coat fine mica supplied in liquid format. The Flash base creates varying colour intensity dependant on the light and angle of view. It works by refracting light into the pigment particles and creates a pearlescent sheen on the colour surface. Available in Blue, Red, Green and Gold.



#### **Quartz Base**

Quartz base gives the look of granite or marble and is particularly effective for use in worktop or kitchen splashbacks. The small particles of Quartz colour reflect light back in a tighter pattern than the Glitter base and would typically be backed with black or a dark colour.

#### Mixing Ratios for Pre-Coat Effects

|         | Base A  | Base B  | Effect  | Structure |
|---------|---------|---------|---------|-----------|
| Glitter | 5 Parts | 5 Parts | 2 Parts | 5 Parts   |
| Flash   | 5 Parts | 5 Parts | 1 Parts | 5 Parts   |
| Quartz  | 5 Parts | 5 Parts | 1 Parts | N/A       |



Structure Additive 1 litre. For use with Glitter and Flash Base.



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# DOORCOLOUR

# LOOKING TO PAINT GRP DOORS OR PVC PROFILES?

### NOW YOU CAN WITH COLORSPRAY GRP!

ColorSpray GRP

RE-MIXED PARTA

Our newly developed GRP base is ideal for painting PVC or GRP surfaces and is highly scratch resistant and UV stable.

GRP base can be mixed with our standard Opaque Colourant system so the thousands of colours for glass are now possible on doors or window profiles.

ColorSpray GRP is also available as pre-mixed colour and Part A in 28 carefully selected shades under the DoorColour brand. With DoorColour, colour accuracy and consistency is guaranteed by using our industrial mixing systems and we provide a whole range of marketing and promotional materials including colour chips, door samples, online colouring tools and colour selector leaflets.

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ColorSpray GRP

RE-MIXED PART

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### **Application Guidelines**

#### Standard Colours

#### Preparation

- Before spraying, the glass must be thoroughly cleaned as this will ensure a strong bond between the paint and glass. Clean the glass using UV-Tek Glass Cleaner which has been extensively tested with all ColorSpray products. Ensure that all cleaner residues have been removed.
- In some cases, 'backing-off' in grey/black/white will be necessary to increase opacity.
- The general rule to gauge whether 'backing off' is necessary, is to analyse the colours 'formula print-out'; if the colour formula has low levels of either black or white, it will be less opaque than a colour with high levels of either black or white and will require an additional backing coat. Generally, yellows, oranges, reds and metallics may require an additional backing.
- This may have a bearing on the overall colour appearance afterwards, so carefully choose whether to back with white or black depending on whether the colour is light or dark respectively; or alternatively use a grey for all backing.
- Ideally, it is recommended that the glass is warm before spraying as in cold temperatures, condensation will form on the glass affecting adhesion.

#### Spraying

Depending on colour, 3 - 4 coats are applied:

**1st Coat:** Spray a light dusting of paint, top to bottom, vertically across the glass at least 200mm from the glass surface. Do not try to obscure the glass in the 1st coating. Allow 5 - 10 minutes drying before applying the 2nd coat.

**2nd Coat:** Once the 1st coat is touch dry, apply a second coat, horizontally left to right, which should cover the remaining transparent areas. This coat should be more heavily applied; to achieve this simply slow your rate of spraying.

**3rd Coat:** For most colours, a 3rd coat may be needed. Once again, switch back to vertical top to bottom application.

**4th Coat:** Finally, for some colours, a 'backing coat' such as black can be applied for dark colours, or a white/grey for lighter colours. This ensures greater opacity on the finished panel.

Allow a drying time between coats, the length of which will vary according to the thickness of paint applied and the ambient temperature.

#### Drying

Touch dry: 15 - 30 mins. Handling time: 24 hrs

Do not touch the glass for 30 minutes after spraying or until it is touch dry. Do not stack glass and leave the paint to dry fully before transporting (48 hours minimum recommended.) Drying times depend greatly on ambient temperature and film thickness (number of coats applied). If another coat is applied too quickly, defects such as pin holes or fish eyes may appear. Full hardness is not reached until a week or more after application but the product can be handled with care earlier.

Gentle force drying of up to 60°C will reduce this time significantly. This is normally done in a heated spray booth and we can recommend suppliers for customers looking to invest in this specialist equipment.

#### **Effect Coatings**

It is recommended that 2 spray guns are used by customers using our range of effects. One gun should be used for the plain colours and a second gun can be used for all non-standard effects. This prevents the risk of cross contamination when changing between colours and effects.

#### Metallic Effects

The metallic finishes are supplied pre-mixed and when applying, it is important to first spray a fine coating before flooding, to avoid lines and shading in the final product.

#### Quartz, Glitter and Flash Base

These effects are applied in 2 distinct stages:

The first stage is the effect coat itself, this will appear semitransparent. As with metallic finishes, the effect coat must be sprayed evenly to avoid tramline and mottling. A broad set gun fan will help in this case. Two or three coats are applied and this will tend to cancel out variations. In the cases of Flash and Glitter, a structural additive is also added to give a greater appearance of depth to the finished product and therefore, enhancing the desired effect. The effect coat is allowed to touch dry (15-30 minutes) before continuing with the second stage.

The second stage is the application of a backing colour, usually black, to enhance the effect of the Glitters and Quartz, although other dark colours may also be used. Apply 2-3 coats to give full opacity.

#### Fleck Effects

CadRam Fleck finish uses an additive which promotes the break up of the paint from the gun to give a fine 'spatter-effect' much like flicking a brush. 2 or 3 spatter coats can be applied in 1 or more colours followed by the backing of a further colour.

Again, evenness of spray is very important, but this time, it is best achieved by spraying with a broad fan set-up from a distance of 300mm or more from the glass. Two to three quick and very light coats per colour are applied in this manner. Any desired combination of colours may be used, but alternate light and dark colours finishing with a light backing colour works well. Changing air pressure to the gun can vary droplet size. Note: Lower pressure = larger droplet.

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# Glass Sandblasting System

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# Introduction

CadBlast is the specialist division of RegaLead, supplying equipment and accessories for the decorative sandblasting of glass. With over 25 years experience in the decorative glass business, RegaLead understands the requirements of the industrial glass processor and the glass artist alike.



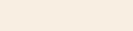
We've teamed up with some of the world's best suppliers of equipment and materials to put together a complete package and provide our customers with a one-stop-shop.

Our range of equipment has been developed to offer cost effective, yet robust machinery for the glass professional. To complement this, the CadBlast range also includes all the ancillaries required for decorative sandblasting.

When it comes to sandblasting...CadBlast is your complete solution.







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## **Digregorio Automatic Sandblast Machine**





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**Automatic Guns** 



**Touch Screen Panel Control** 

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Stable Guns Sliding System Separate from Stand

We are pleased to be an officially appointed distributor for Digregorio Sandy equipment. This high specification sandblasting equipment is manufactured in Italy and comes with several unique features:

- 20 Zone programmer \*
- 100 program memory via sim card\*
- Siemens touch screen control panel
- External gun sliding system
- Frame only sandblasting function

|                           | Model <b>160</b>   | Model <b>180</b>        | Model <b>200</b>   |
|---------------------------|--------------------|-------------------------|--------------------|
| Maximum Glass Height      | 1600mm             | 1800mm                  | 2000mm             |
| Automatic Guns            | 2                  | 2                       | 2                  |
| Manual Gun                | 1                  | 1                       | 1                  |
| Sandblasting Zone System  | 1 Zone - Opt       | ional 20 Zone (18 Zones | + 2 for Frame)     |
| Gun Speed Controller      | 8 Speeds           | 8 Speeds                | 8 Speeds           |
| Minimum Glass Size        | 300 x 300mm        | 300 x 300mm             | 300 x 300mm        |
| Glass Thickness           | 3 - 40mm           | 3 - 40mm                | 3 - 40mm           |
| Belt Speed                | 1.75m per min      | 1.75m per min           | 1.75m per min      |
| Air Consumption           | 1400lts per min    | 1400lts per min         | 1400lts per min    |
| Dimensions (L x W x H) mm | 5300 x 1400 x 2400 | 5300 x 1400 x 2600      | 5600 x 1600 x 2800 |
| Weight                    | 680Kg              | 750Kg                   | 850Kg              |







# **CadBlast Semi-Automatic Sandblasting Machines**

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CADBLAST | GLASS SANDBLASTING SYSTEM

### **Pressure Pot**



Free-standing Pressure Pot sandblast unit. Ideal for detailed and deep sandblasting. Can be fitted to CB automatic sandblasters. Pneumatic foot switch for easy control. 2.4mm nozzle for detail. Water separator. Extra fast vented valve for pressure release. Manufactured in Europe.



### **Spare Parts**



Replacement Filters The filters are designed to keep the dust particles coming from the machine to below 40 microns. Recommended annual

replacement. Sold as singles. CBFILTER



Replacement Automatic Guns

The automatic guns should be replaced after 1500 hours of use. Supplied with either 6mm or 8mm Tungsten Carbide nozzles. **CBGUNREP** 



**Tungsten Carbide Nozzles** 

Nozzles will need replacing after every 700 hours of machine use. CBN0ZZLE6 6mm for CB900 & CB1300 CBN0ZZLE8 8mm for CB1600



**Abrasive Material Hose** 

The gun hose will need replacing twice a year based on an average use of 2-3 hours per day. Sold in 5 metre lengths. **CBHOSE** 



Pressure Pot: Hose 2 metre length. Will need replacing every 12 months. CBPPHOSE



#### Pressure Pot: 2.4mm Tungsten Carbide Nozzle

High quality nozzle that will last approximately 100 hours dependant on abrasive used. **CBPPNOZZLE** 

### Abrasives and Accessories



#### **Pick Tool Kit**

A pack of 2 extremely useful tools for the sandblast artist. Supplied small scalpel knife and needle. Ideal for 'weeding out' sandblast resist. **CBKIT** 



#### **Combination Tool**

A fantastic roller and film applicator in one. The 110mm wide hard applicator is ideal for laying both Stained Glass Art Film and CadBlast vinyl. RATM22

#### Film Applicators

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A Turbo Pro - for small areas **RATM08** B Hard Edge - for larger areas **RATM07** 



Film Application Solution Iso-proponal, water-based solution to enable fault-free

application of films. 1 litre: RATM09 celite

**Excel Craft** 

Knife

Excellent quality, durable,

metal craft knife.

Knife: RATM12

Blades (5 pack): RATM13

Safety Blades General purpose, single edge safety blades for trimming vinyl. 100 blades per box. 100 per box: RATM10



Safety Blade Holder Neat holder to ensure safer use of single-edged blades. RATM11

#### CadBlast Aluminium Oxide Abrasive

For sandblasting, we recommend Aluminium Oxide as it is a sharp, long-lasting abrasive sandblasting cutting media that can be re-used many times for grit blasting. As an abrasive blasting media, it is harder than most common dry abrasive blast materials and can be recycled many times. Aluminium Oxide comes in a range of grit sizes - the higher the number the finer the grit.

**Colour:** Brown

**Specific Weight:** 3.98 gr/cm<sup>3</sup>

Hardness: 32 kN/mm<sup>2</sup>

Packing: Sacks of 25kg (40 sacks to pallet)

Grades: 80 for coarse sandblasting CBG80

100 for medium sandblasting **CBG100** 

120 for smooth sandblasting **CBG120** 

180 for extra-smooth sandblasting **CBG180** 

220 for ultra-smooth sandblasting **CBG220** 

CADBLAST | GLASS SANDBLASTING SYSTEM





## **Vinyl Plotters**

We offer high performance, vinyl-resist cutters, from Advanced Plotting Devices and also supply our own-branded, economical CadBlast plotter. They are suitable for cutting all our sandblast resist vinyls and Stained Glass Art Films and are compatible with a wide range of software packages.

#### **APD 3000 Vinyl Plotter**

With a range of 3 machines, we can cater for all budgets and requirements. We have worked with APD for many years and know the pedigree of the machine with hundreds of installations worldwide.

APD plotters are capable of cutting up to 2mm thick material and running at speeds of 1100mm/second, making it ideal for the high volumes producer or customers looking to cut extra thick, specialist films easily.

With the easily interchangeable knife and pen attachments, the APD plotters can also produce full size drawings generated by GlassEye Enterprise or other vector based files such as Corel Draw and Adobe Illustrator.

apd

Advanced Plotting Devices

|          | Maximum<br>Cutting Area | Maximum<br>Material Width | Leg Stand | Dimensions<br>W x D x H (mm) | Software<br>Language Driver      | Warranty                       |
|----------|-------------------------|---------------------------|-----------|------------------------------|----------------------------------|--------------------------------|
| APD 2400 | 600mm                   | 685mm                     | Optional  | 250 x 250 x 825              | Compatible                       | 0                              |
| APD 3000 | 750mm                   | 840mm                     | Standard  | 250 x 250 x 978              | with all graphics software using | 2 years<br>limited<br>warranty |
| APD 4000 | 1000mm                  | 1105mm                    | Standard  | 250 x 250 x 1257             | HP-GL format                     | warranty                       |



#### CadBlast CB 4800 Vinyl Plotter

Our own branded CadBlast cutter is ideal for customers looking for an economical solution to vinyl cutting and who wish to cut larger media. With a cutting width of up to 1220mm and steel rollers which prevent slipping on material lengths up to 3m, the CB 4800 is ideal for cutting large resists and its 40mm x 80mm high resolution backlit screen and easy to use controls, make it ideal for customers who are new to vinyl cutting.

Software

Compatible with all graphics

software using HP-GL format

Warranty

1 year

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## **Vinyls and Papers**

#### Sandblast Vinyl 90µm

Available in Pale Grey transparent. Ideal for surface blasting. Commonly used for acid etching. Film has good 'see through' properties to aid positioning.

| Product Code    | Description          |
|-----------------|----------------------|
| CBV 90-06150(2) | 61cm x 50m (2 rolls) |
| CBV 90-12250    | 122cm x 50m          |

#### Sandblast Vinyl 160µm

Available in Black. Ideal for intermediate blasting. Also suitable for use with ColorSpray.

| Product Code | Description |
|--------------|-------------|
| CBV160-06125 | 61cm x 25m  |
| CBV160-12225 | 122cm x 25m |

#### Sandblast Vinyl 300µm

Available in Grey. Suitable for deep sandblasting of glass. Rigid type.

**Plotter Blades** 

45° Knife Blade: RPLOT45KNIFE1

60° Knife Blade: RPLOT60KNIFE1

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| Product Code | Description |
|--------------|-------------|
| CBV300-06125 | 61cm x 25m  |

#### Sandblast Vinyl 280µm

Available in Blue. Suitable for deep sandblasting. Soft vinyl with added flexibility.

| Product Code | Description |
|--------------|-------------|
| CBV280-06125 | 61cm x 25m  |
| CBV280-12225 | 122cm x 25m |

#### **Drawing Paper**

80gsm bright white drawing paper for all pen plotting requirements.

| Product Code | Description |
|--------------|-------------|
| RPLOTPAPER   | 61cm x 35m  |

#### **Application Paper**

100micron application tape to aid in applying vinyl cut resists.

| Product Code | Description |
|--------------|-------------|
| RAPTPEWHT    | 61cm x 100m |

### **Plotter Spare Parts**



APD Plotter Pens Red: RPLOTRPEN1 Blue: RPLOTBLPEN1 Black: RPLOTBKPEN1



CadBlast Plotter Pen CBPLOTBLPEN



APD Blade Holder APDHOLDER



CadBlast Plotter & PenHolder CBHOLDER



APD Teflon Strip APDSTRIP30



CadBlast Teflon Strip CBSTRIP48



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CADBLAST | GLASS SANDBLASTING SYSTEM



### Software & Design CDs

We offer a wide range of design CD's with hundreds of ready-to-cut sandblast resists. For plotting designs, we offer 2 software solutions, GlassEye Enterprise and WinPCSign Pro.

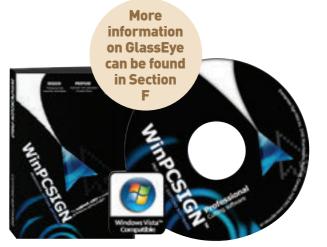


#### **GlassEye Enterprise**

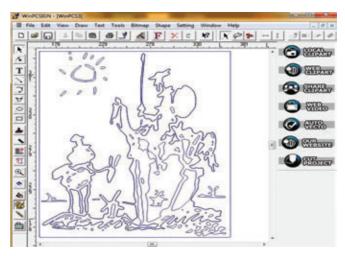
GlassEye is the most popular software for stained glass and overlay glass producers, with its huge libraries of stained glass colours, RegaBevel designs and hundreds of leaded glass designs already incorporated. With the Enterprise version, this easy-to-use design software is capable of creating Vector files and sending designs direct to a vinyl cutter, making it ideal for the leaded glass artists looking to work with sandblasting. As GlassEye cannot work with .eps files, it is only suitable to use with a selection of our design CD's.

#### WinPCSign Pro 2012

With its easy-to-use vectorisation functions and its multitude of vinyl-cutting functions designed for the sign industry, WinPCSign Pro is an invaluable tool for the sandblast artist. The software does contain limited design functionality, but most users would create artwork in other packages such as Abode Illustrator or CorelDraw. With its ability to import and plot .eps files, WinPCSign Pro can be used with all our design CD's.









# .eps/.cdr/.scv Compatible Formats





# CadRam Sandblast Colour System

Our CadRam division has developed two systems for colouring sandblasted glass with long-lasting, high-performance resin paints, which can be blended together to create an almost infinite colour palette.

#### **Deep Sandblast System**

This system is a very simple to use technique for creating detailed colour on glass using the CadRam infill technology. With a range of 11 pigments which can be mixed to create an infinite pallete of colours glass designers are no longer limited to a small range of colours making CadRam the system the product of choice for many. The product will set to a high gloss finish within 24 hours and comes with a 10 year external guarantee.



### It's so simple to use...

**Step 1** Blast area you wish to colour (minimum 1.5mm depth).

Step 2

Mix the resin colour. Equal parts A & B and then add pigment.

**Step 3** Apply colour into sandblasted area using pipette.

...and create stunning results!





#### **Deep Sandblast Colour Kit**

Infill: Parts A and B 500ml , Pigments: 10 colours 30ml, 50 x 1ml pipettes, 25 x Open and 25 x Closed mixing pots, Instructions. **RINRESSTART** 



**Infill - Part A** 1.25 litres or 500ml.

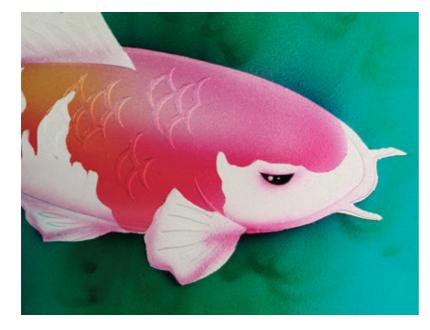


**Infill - Part B** 1.25 litres or 500ml.



#### **Airbrush System**

Our specially formulated, low-viscosity resins use the same pigment system as the Deep-blast colour system, but can be dispensed via an airbrush. The system works wonderfully on the surface of etched glass, allowing artists to paint on the surface whilst still retaining the opacity levels required with sandblasted glass. Unlike most other systems, the paint does not need to be baked onto the surface to provide a long lasting performance.



#### Airbrush

Professional grade, gravity-fed airbrush with 15ml capacity hopper and 30ml siphon plastic bottle attachment. Requires compressed air. CBAIRBRUSH



Compressor 1.6HP compressor with 1.5CFM (42L/Min) capacity. Ideal for use with ColorSpray Airbrush. Maximum pressure: 60psi. Motor:240V/50hz. Weight: 7.7kg. CBCOMP



Pigment 500ml or 125ml. Colours: Black, Blue, Brown, Cerise, Green, Red, Ruby, Violet, Yellow and White.



Airbrush Base Part A 1.25 litres or 500ml.



**Airbrush Base** Part B 1.25 litres or 500ml.



### Nanogate

The Nanogate coatings are based on chemical nano-technology and perform an anti-fingerprint effect on sandblasted glass. They assist with the removal of dirt and soiling, allowing glass maintenance with typical glass cleaners and organic solvents.

#### Why does sandblasted glass need protection?

The sandblasting process creates an uneven glass surface and when the glass is handled, tiny pieces of dirt and grease can get into the microscopic crevices formed. Once this occurs, it's very difficult to remove the dirt and the glass will be left with unsightly marks or covered in fingerprints. It's important to coat the glass in a protective layer as soon as it's sandblasted in order to prevent this.

#### How to protect sandblasted glass?

Nanogate coatings provide long-term protection against water marks, dirt and fingerprints, making surfaces easier to clean in the future. Specifically designed for interior use, Nanogate is a solvent-based, reactive polymer for use on both sandblasted and chemically treated glass surfaces. Simple to use, Nanogate requires no preparation and can be applied straight from the bottle without the need for specialist equipment

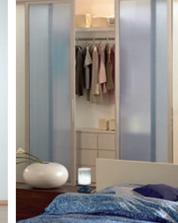
#### **Nanogate Products**

By drawing on long-standing experience within glass protection, the Nanogate coatings were developed with an understanding of the need for design flexibility for sandblasted glass.

Nanogate for Frosted Glass offers lasting protection to keep matt finished glass looking as beautiful and clean as the day it was made. However, if a colourless finish isn't enough, then the Nanogate Coloured Coatings increase the scope for creativity by combining protection for sandblasted glass with the option for colourful designs.











#### Nanogate Frosted Glass Starter Box 250ml E2C 113, 10 micro fibre sponges, 4 polishing hoods for power polisher, gloves and instructions. NANOFROSTBOX

Nanogate 500ml

Nanogate 5 Litre

E2C 113 Clear

Coating

approximately

400m<sup>2</sup> coverage.

NANOE2C1135L

E2C 113 Clear

Coating

approximately

40m<sup>2</sup> coverage.

NANOE2C113

**Power Polisher** 

240mm diameter,

220-240V Electric.

NAN0611POL

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#### Nano-DEC Coloured Glass Starter Box 4 colours x 60ml (red, blue, green and yellow), 125ml E2C 113 coating, 5 micro fibre sponges, gloves and instructions.

NANOCOLOURBOX

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### Nano-Dec 125ml Coloured Coating

approx. 10m² coverage. Green: NANODEC103 Bright Green: NANODEC109 Red: NANODEC105 Orange Red: NANODEC100 Blue: NANODEC101 Bright Blue: NANODEC107 Yellow: NANODEC102 Grey: NANODEC104 Gold: NANODEC??? White: NANODEC???





Polishing Hoods Pack of 10. NANOPOLHOOD



Microfibre Sponges Pack of 10. NANOSPONGE



Polishing Cloths 280 x 305mm, Pack of 75. NAN0014CLOTH

**CADBLAST** I GLASS SANDBLASTING SYSTEM

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**Instruction Books and DVDs** 

In conjunction with Professional Glass Consultants, industry renowned experts in the art of sandblasting, we offer a range of training materials to help those new to the sandblasting business and to help experienced blasters develop their skills and range of techniques.



Etched Glass

Techniques and Designs. 144 pages. **CBBOOKEGTD** 

Ins. IGTD Carving Techniques and Designs. 96 pages. CBBOOKGE2

**Glass Etching 2** 

### Sandblast Glass Etching DVDs

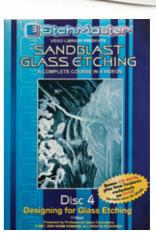
CBDVD1 Disk 1: Surface Etching Techniques. Running time: 87mins CBDVD2 Disk 2: Multi-level Carving Techniques. Running time: 87mins CBDVD3 Disk 3: Techniques for Shaded Etching. Running time: 98mins CBDVD4 Disk 4: Designing for Glass Etching.Running time: 60mins







**GLASS ETCHING** 



**Glass Etching** Surface Techniques and Designs. 96 pages. **CBBOOKGE** 

INNUMBER

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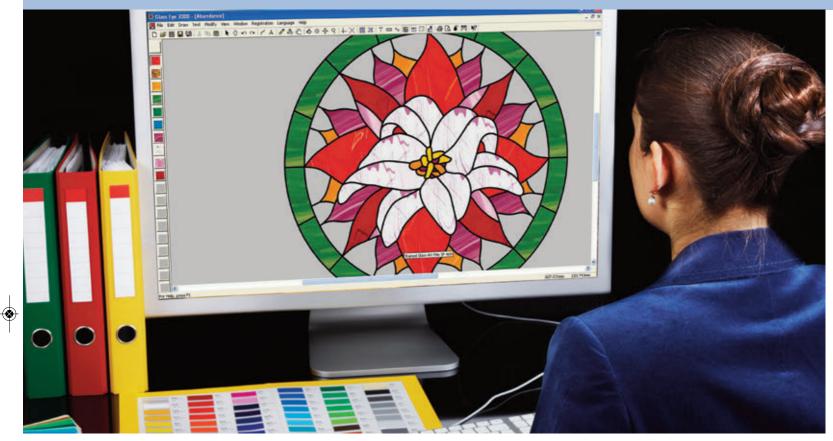
# Software Design Solutions

### Index

| Introduction                   | F2        |
|--------------------------------|-----------|
| GlassEye Software              | F3        |
| Design CDs for Overlay         | <b>F8</b> |
| WinPCSign Pro<br>Software      | F11       |
| Design CDs for<br>Sandblasting | F14       |

# Introduction

RegaLead can offer the complete solution for decorative glass designs. Our fully integrated system combines drawing software, with computerised plotting and cutting equipment, making it easy to create beautiful designs for stained glass, overlay and sandblasting.





We're pleased to provide a choice of two software packages, GlassEye and WinPCSign Pro, each with unique features suited to different decorative requirements. Both packages benefit from a range of advanced functions, designed to optimise production efficiency and improve design flexibility. Complementing design CDs are available for both GlassEye and WinPCSign Pro, which drastically expands the vast design libraries that are a feature of the software packages.

Translating a design on our software to a design on glass couldn't be easier. A feature of our advanced software package allows images to be exported directly to our plotting and cutting equipment. We have two ranges of plotting and cutting equipment, our APD plotters and our more economical CadBlast plotters, which come in a selection of sizes to suit specific decorative needs.

Creating beautiful decorative designs could not be easier with our simple and cost-effective design system!



# **Software Design Solutions**



Developed in conjunction with the specialist software house Dragonfly, GlassEye is the ultimate design, production and sales tool. Popular with both large and small studios worldwide, GlassEye software provides the key competitive advantage in the decorative glass market.

GlassEye is based on a CAD drawing system and benefits from a host of built-in features, including huge libraries of stained glass colours, RegaBevels and hundreds of leaded glass designs. We offer a variety of ways to expand these fantastic features, including free library updates with the release of new overlay products and a large selection of design CDs. While adapted to suit the requirements of the Overlay market, GlassEye can also be used as a design tool for sandblasting and traditional leaded panels.

### **GlassEye - Technical Support**

**Training and Assistance:** An extensive user's manual is provided with each edition of the software, which contains a step-by-step design tutorial and training video. On-site training and assistance is available for UK and Irish customers.

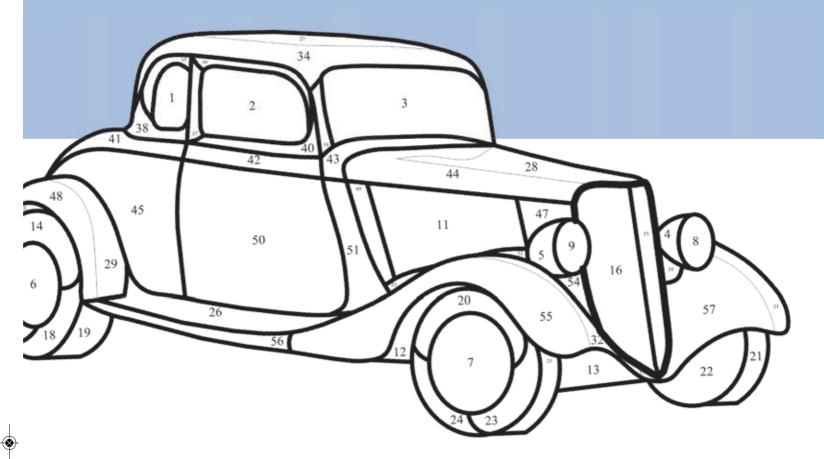
Additional Licenses and Upgrades: All GlassEye editions are licensed to run on an individual PC (or Mac). Professional and Professional Plus operate on license keys and Enterprise operates on a hardware key. Additional licenses and hardware keys can be purchased to run the software on an additional PC. Additional Enterprise keys are available from Dragonfly Software.

Upgrades between GlassEye editions are available, as is a free 30 day trial of GlassEye Professional.

There are three editions of GlassEye to choose from -Professional, Professional Plus and Enterprise:

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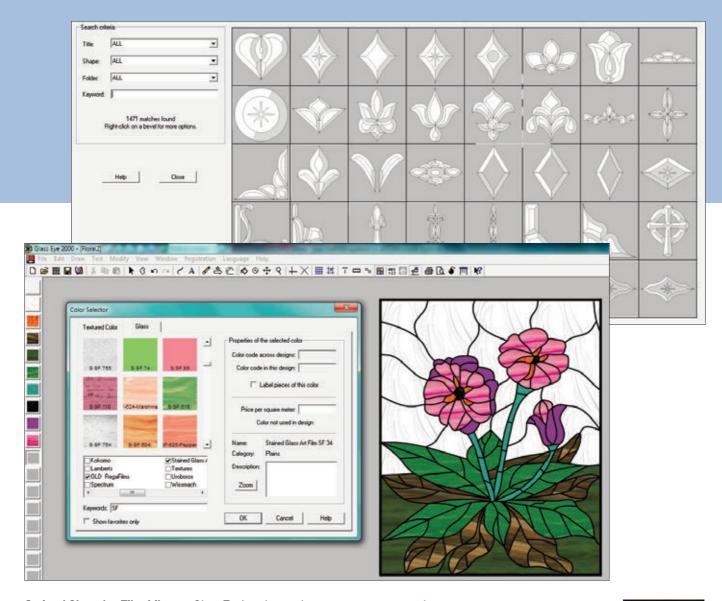
# **GlassEye Professional Edition**



### **Library Features**

**Design Library:** GlassEye comes with over 400 pre-drawn and coloured overlay designs from some of the world's leading stained glass designers, which are ready for use or easily editable using the simple drawing and design tools. All the RegaLead Fanlight and Door designs are supplied on a CD to expand the design library and are updated regularly free of charge. **Bevel and Fusion Library:** GlassEye features a library of over 700 bevels, which includes all the latest bevels, drawn to size and ready to use, and the Fusion and Fusion Lite ranges. The bevel library is updated free of charge whenever a new RegaBevel brochure is launched. ۲





**Stained Glass Art Film Library:** GlassEye's colour selector function allows designs to be created using solid colours or real representations of glass or film. Most of the ranges by the major US glass factories are included in the extensive library. The full colour range of RegaLead Stained Glass Art Film is supplied on CD to expand the pre-loaded colour library.

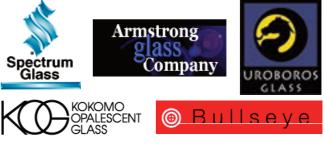
### **Additional Tools**

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**Importing Designs:** Images can be imported in a variety of ways to aid the creation of original designs, including from a digital camera, JPEG and BMP files, or scanned from a photograph or book.

**Drawing Designs:** Drawing tools and design aids make creating shapes and arcs easy, while rotating, reflecting, erasing, copying, repeating and re-sizing images is fast and simple.

Adding Text: Each piece of glass and film can be automatically labelled by colour or location when selected, and additional notes can be added anywhere on the design e.g. customer details or production notes.



**Costing and Usage:** As a function of GlassEye, the Properties File can calculate glass, film and lead usage, material costs, wastage and profit. This information can be printed as a notepad.

**Printing**: Designs can be easily set to print in a variety of ways including A4 or full size, in colour or line only and labelled or unlabelled. Prints can also be scaled.

**Exporting Designs:** Designs can be exported in many file formats as GlassEye supports JPEG, TIFF, BMP and DXF amongst others. Image resolution can be varied for exporting files.

**REGALEAD** I SOFTWARE DESIGN SOLUTIONS



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# **GlassEye Professional Plus and Enterprise Editions**

### **GlassEye - Professional Plus Edition**

Professional Plus has all the features of the Professional Edition with several additional functions:

**Auto Trace:** Professional Plus will automatically trace and convert any scanned or imported line drawings into a GlassEye drawing. Additionally, text will also be converted to lines allowing it to be coloured.

**Display Measurements:** Height, radius and angle size can be displayed during drawing, as well as keyboard entry of locations and sizes.

Tailor-made Shortcuts: Shortcut menu can be customised

**Import Facilities:** Vector files, such as DXF, DWG, EMF and WMF, can be imported for compatibility with AutoCAD and CorelDraw.

### **GlassEye - Enterprise Edition**

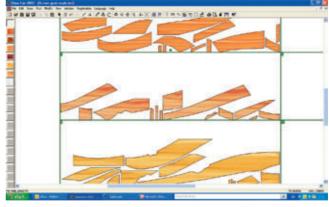
Enterprise Edition benefits from all the features of Professional and Professional Plus, in addition to several more advanced functions:

**Integrated System:** Enterprise has the facility to output designs to plotting and cutting devices, enabling Stained Glass Art Film, signwriting materials and sandblast resists to be cut on a plotter. This is achieved by adding HP-GL or DP/PL support to GlassEye files.

**Plotting:** Designs can be separated into individual pieces and grouped by colour for plotting. Pieces can be automatically grouped (nested) tightly, loosely or not at all. Grouped pieces can be re-arranged manually to optimise material usage and rotated to follow the grain or pattern direction of material.

**Exporting Files:** Designs can be exported in DXF, DWG, EMF and WMF formats.







|  | Professional<br>Edition | Professional Plus<br>Edition | Enterprise<br>Edition |
|--|-------------------------|------------------------------|-----------------------|
| Straight lines, curves, and arcs; elliptical and polygonal shapes  |                         |                              |                       |
| Resize, offset, rotate, scale, stretch, nudge, flip, and reflect   |                         |                              | - <b>-</b>            |
| Grids, crosshairs, and rulers  |                         |                              | - <b>-</b>            |
| Line colour and style; face width and heart thickness  |                         |                              | 10 B 10               |
| Materials usage calculator   |                         |                              |                       |
| Group and ungroup  |                         |                              | - <b>-</b>            |
| Pattern library of over 400 designs, browsable by title, artist, style, category, shape, and keywords  |                         |                              |                       |
| Textured colours (solid colours with glass textures applied)   |                         |                              | - <b>-</b> -          |
| Customizable shortcut menus and hot keys   |                         |                              |                       |
| Draw your design on top of an imported image   |                         |                              | - <b>-</b>            |
| Over 3200 realistic glass samples from Armstrong, Bullseye,<br>Casimir, Gecko, Kokomo, Lamberts, Spectrum, Uroboros,<br>Wissmach, and Youghiogheny | 1.0                     |                              |                       |
| Add your own glass samples   |                         |                              |                       |
| Assign names and prices to glass and textured colours  |                         |                              |                       |
| Text in unlimited fonts and colours  |                         |                              |                       |
| Export and print selected design elements  |                         |                              |                       |
| AutoTrace Background: automatic conversion of imported or scanned line drawings  |                         | - <b>-</b>                   |                       |
| AutoTrace Text: automatic conversion of text into outlines so that letters can be filled with colour, rotated, etc.                                |                         | - <b>-</b> -                 |                       |
| Display measurements such as height, width, radius,  |                         | _                            | _                     |

Our integrated system, comprising software and plotting equipment, makes design for overlay simple. To translate designs from GlassEye to glass, please see page E8-9 for all plotter requirements.

Display measurements such as height, width, radius, and angle during drawing operations Direct output for plotters, cutters and blasters Piece separation and nesting for plotter/cutter media

Export file types

Import file types

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**REGALEAD** | SOFTWARE DESIGN SOLUTIONS

BMP, EMF, GIF,

JPEG, PCX, PNG,

TIFF, TWAIN, WMF

BMP, DXF, EMF,

GIF, JPEG, PCX,

PNG, TIFF, WMF

BMP, DWG, DXF,

EMF, GIF, JPEG,

PCX, PNG, TIFF,

TWAIN, WMF

BMP, DXF, EMF,

GIF, JPEG, PCX,

PNG, TIFF, WMF



BMP, DWG, DXF,

EMF, GIF, JPEG,

PCX, PNG, TIFF,

TWAIN, WMF

BMP, DM/PL,

DWG, DXF, EMF,

GIF, HP-GL,

JPEG, PCX, PNG, TIFF, WMF

# **Design CDs:** Overlay and Stained Glass

We offer a large selection of CDs containing hundreds of stained glass and overlay designs for use with GlassEye software. These beautiful designs can be used as they are, or reformatted using the extensive colour and bevel libraries available on GlassEye. Designs are in .eye / .jpg / .tif formats.

#### **Paned Expressions**

Paned Expressions Studios have been established as one of the top design studios in the USA for many years and have a large collection of design CDs, containing hundreds of stained and overlay glass designs, for use with the GlassEye software.



#### Tradition

Over 100 patterns from Victorian, Art Nouveau, Art Deco, Arts and Crafts to Tiffany and Prairie designs.

#### Product Code: RPEXCDTRAD



Screen Gems Over 80 patterns for room dividers, privacy screens and fireplace screens. Product Code: RPEXCDGEM



**Our Favourite Patterns** Over 100 designs from Nature & Animals to Fantasy & Flowers. Product Code: RPEXCDFAV



Water, Water Everywhere Over 70 patterns for fish, shells, beaches, dolphins, waterfalls and river life.

Product Code: RPEXCDWAT



**Orient Expressions** Over 70 patterns for oriental inspired designs - birds, trees and flowers, mountains and people. Product Code: RPEXCDOR



In Full Bloom 1 Over 80 patterns. Everything blooming in entryways, firescreens, fanlamps, lanterns and panels. Product Code: RPEXCDBLM

Into Africa

Everything African. Wild animals,

Over 80 patterns. The first of its kind.

Hartman's Glass Ari

irror Image ILLOL IMAJE

tribal life, fantastic landscapes.

Product Code: RPEXCDAFR

Mirror Image

contemporary designs.

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Product Code: RPEXCDMIR

Over 90 mirror patterns of various

shapes and sizes from modern to



In Full Bloom 2 Over 70 beautifully detailed floral designs. Product Code: RPEXCDBLM2



Nature's Bounty 1 Over 100 patterns of animals. landscapes, seascapes, everything Mother Nature gives in abundance. Product Code: RPEXCDBTY



From Russia with Love More than 70 patterns designed in Russia for floral, abstract, classical, geometric and traditional patterns. Product Code: RPEXCDRUSSIA

## **REGALEAD** I SOFTWARE DESIGN SOLUTIONS

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### **British Legacy**

Compatible with GlassEye, these beautiful patterns in this collection are historically accurate representations of 19th and 20th century European stained glass windows.

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Thetheritic reproductions by Jan William

#### British Legacy 1 This unparalleled compilation features 76 designs originally created between 1840 and 1925. included are several unique period designs such as a dramatic Galleon design from 1902, a Deco

peacock with over 325 pieces and a fantastic Chinese dragon.

landscape, a highly detailed

Product Code: RDFLYCDBL1

**Cabinet Designs** 

CD & Book: **RBROCDCD** Book Only: **RBROCAB** 

Much requested collection of over 80 Indian design and Western themed patterns.



British Legacy 2 Includes a variety of sailing vessels, landscapes, birds and windmills accompanied by heraldic shields and elegant traditional Victorian, Edwardian, Art Nouveau, Art Deco and British Arts andCrafts motifs.

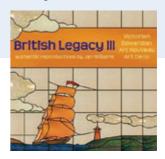
Product Code: RDFLYCDBL2

EGALRAD

REGALEAD

cabinets

abinets



British Legacy 3

76 designs taken from original windows in churches, businesses, and private homes. Included are knights in armour, classic shields of heraldry, a dozen magnificent Mackintosh rose patterns, some stunning flower trellises and traditional period designs from the Victorian and Edwardian eras.

Product Code: RDFLYCDBL3

### Additional Design CDs



#### **Japanese Style**

60 colourful Japanese designs of landscapes, samurai warriors, geishas, pagodas, bamboos, blossoms and other flowers.

Product Code: RVITCDJAP



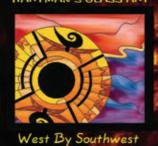
**Decorative Options** All the designs from our 40 page retail support brochure. Includes full costing programme is Excel and high quality, photographic images. **FREE** 



Pure Fantasy Over 50 patterns of Dragons, Wizards, Trolls, Fairies, Gnomes. A complete collection of fantastic creatures. Product Code: RPEXCDFAN

#### HARTMAN'S GLASS ART

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West by SouthWest Much requested collection of Indian design and Western themed patterns. Over 80 patterns included.

Product Code: RPEXCDWST



Oceans and Islands Over 60 patterns - all tropical beauties. Florals, Island Scenes, under the water and on the water Product Code: RPEXCDOCE



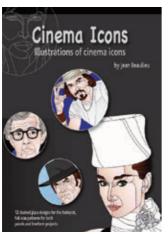


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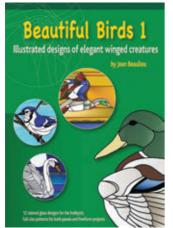
# **Designs by Jean Beaulieu**

Our newest collection is Designs by Jean Beaulieu, 10 CDs packed full of modern ideas for Overlay and Stained Glass designs. Fully compatible with GlassEye software, this collection offers a contemporary decorative twist for glass professionals.

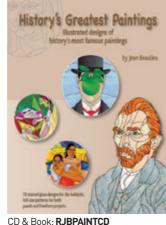


CD & Book: RJBICONCD Book: RJBICON

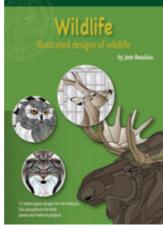
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CD & Book: RJBBIRDCD Book: RJBBIRD

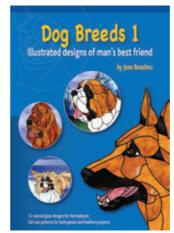


Book: RJBPAINT



CD & Book: RJBWILDLIFECD Book: RJBWILDLIFE

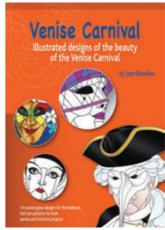
Jean Beaulieu lives in Trois-Rivieres, Quebec (Canada). Creator, artist, painter since 1984, he has been working with stained glass since 1993. His work has been in large city galleries worldwide. During many exhibitions of his paintings, it was often pointed out how much they reminded him of stained glass. Exploring this technique, he fell in love a second time stating: "I was fascinated by the effect of light passing through the colours." A very socially involved artist, he decided to link his trade for more than 13 years to a cause close to his heart - youth in the streets, and teaches them the implications of stained glass art. He wants to pass on his art and give hope to young people left to themselves. You can see his work, both personal and professional, online at www.jeanbeaulieu.com



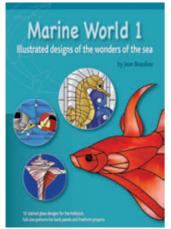
CD & Book: RJBDOGCD Book: RJBDOG



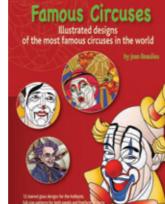
CD & Book: RJBHORSECD Book: RJBHORSE



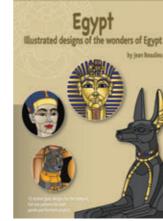
CD & Book: RJBCARNIVALCD Book: RJBCARNIVAL



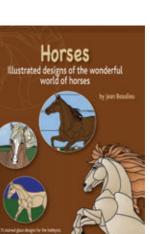
CD & Book: RJBMARINECD Book: RJBMARINE



CD & Book: RJBCIRCUSCD Book: RJBCIRCUS



CD & Book: RJBEGYPTCD Book: RJBEGYPT





# **WinPCSign**

WinPCSign Pro 2012 is our solution for customers needing a vector-based, graphics programme, to produce Sandblast resists. It is a hugely powerful yet competitively priced signwriting package that is packed with features that you would only expect to get on top-of-the-range sign-writing or graphics packages.





We can offer training on-site or at our offices for customers who run WinPCSign, however, the online tutorials and video presentations in conjunction with their customer support forum means that even the most inexperienced software users should be able to get the most out of the programme very quickly.

The latest 2012 Pro version comes with multi-lingual interface in English, French, Spanish, Portuguese, Dutch and Russian.



WinPCSign is packed with easy to use features that take you from design to cutting, quickly and efficiently.

**REGALEAD** I SOFTWARE DESIGN SOLUTIONS



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# WinPC Sign

For a full list of design features and to download a trial copy, please visit **www.regalead.co.uk/winpcsign** 



This latest feature is great for creating sandblast designs and takes away a huge amount of laborious drawing work that anyone who has tried to draw spirals will appreciate.



WinPCSign comes with all Windows fonts plus a range of unique fonts, so you are not restricted with lettering as with many other packages.



The drawing tools that come with the package rival even the most expensive packages.

# CadBlast Design



This latest feature is great for creating sandblast designs and all our CadBlast designs are supplied in .eps format, so can easily be imported into WinPCSign for amending or plotting.



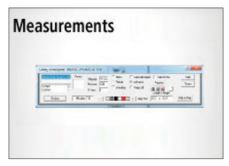
Pro2012 comes with a new feature that allows the pasting and vectorisation of foreign language Unicode in Arabic, Hindi, Russian and many more...



The package comes pre-loaded with a library of 1000's of business and clipart logos making commercial projects so simple.



With the ability to curve, distort and rotate text, WinPcSign's text transformation function is a fantastic design tool for any sandblaster.



Tools to measure angles, sizes, create polygons...it has everything you would need.

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This latest feature is great for creating sandblast designs and takes away a huge amount of laborious drawing work that anyone who has tried to draw spirals will appreciate.

### Cutting

The cutting tools are the best features of this software as it is designed for professional signwriters.

Compatible with 500 vinyl cutters



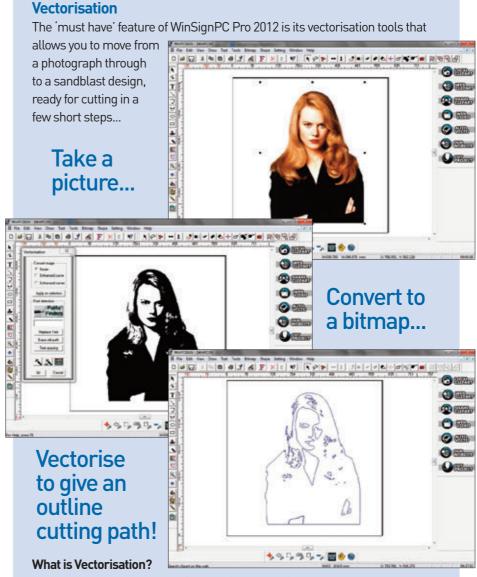
WinPCSign comes with drivers for both our APD and CadBlast plotters and for over 500 other vinyl cutters on the market today.



Cutter always start a new path with a good blade orientation to avoid twisting and material lost.



The software will send a plot file to minimise roll and unroll of the vinyl sheet to avoid slipping and distortion.



Vectorisation is the process of converting bitmap images into vector ones. Bitmap files are made of dots, called pixels, which represent the graphic image. When a bitmap image is scaled up, it loses quality as the pixels are simply enlarged in size rather than increased in number. This causes the image to become 'blurry' and have a 'jagged' edge known as pixelisation.

Vector images on the other hand are made of lines, called wireframe, which means when the image is enlarged, no quality is lost. Vector images can be scaled up or down with no pixelisation, ensuring smooth, sharp edges.

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# Design CDs: Sandblasting

.eps /.cdr /.scv Compatible Formats (not suitable for GlassEye)

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Notes



Notes



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