Regalead_®

Upsuls ATE

PRODUCT CATALOGUE

۲





CadRam



۲







۲





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.

۲

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

۲



CadRam in Northfle



Decorative Door Products in Hawick

Regalead

(Head Office) Columbus House | Altrincham Road | Sharston Manchester | M22 9AF | United Kingdom



Unit B2 | Springhead Enterprise Park Springhead Road | Northfleet | Kent | DA118HB United Kingdom



decorative door products LEAD

Unit B | Burnfoot Industrial Estate Hawick | TD9 8SL | Scotland

(¹ +44 (0)|6| 946 ||64



- +44 (0)161 946 1033
- 📚 sales@regalead.com
- facebook.com/regalead
- @RegaLead

۲

www.regalead.com



Product Index



Decorative Overlay Systems

۲

A2
8 A
A10
A11
A17
A44
A46
A53
A116
A117
A135
A139
A147



Fused Glass System

Introduction	B 2
Fusion by RegaLead Kilns	B 4
Kiln Supplies	B 6
Fusing Tools and Equipment	B7
Glass Range	B 8
Special Effects	B11
Powders, Chips and Eggshells	B12
Glassline Fusing Paint	B13
Fusing Cycles for Fusion Glass	B14



۲

Resin Dispensing System

Introduction	C2
ArtPlot v5.0 Software	C6
Resin Dispensing Machinery	C7
Application Machinery Options	C10
Application Machinery Spares	C11
Resin System Products	C12







Glass Spraying System

۲

Introduction	D2
Formulation Software	D4
Colour Systems	D5
Marketing Support	D6
ColorSpray Equipment	D8
Sata RPS System	D12
ColorSpray Consumables	D13
ColorSpray Materials	D14
Application Guidelines	D18



۲

Glass Sandblasting System

Introduction	E2
Digregorio Machine	E3
CadBlast Machines	E4
Pressure Pot and Spare Parts	E6
Abrasive	E7
Accessories	E7
Vinyl Plotters	E8
Vinyl, Paper and Spare Parts	E9
Design Software and CDs	E10
Colour System	E12
Airbrush System	E13
Glass Protection	E14
Instruction Books and DVDs	E16



۲

Software Design Solutions

Introduction	F2
GlassEye Software	F3
Design CDs for Overlay	F8
WinPCSign Pro Software	F11
Design CDs for Sandblasting	F14

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 2nd March 2009 der Value £25.00 + Vat	MINIMUM ORDER Carriage Paid		ORDER E CHARGE	STANDARD Delivery service
UK Mainland	CadRam Resins, ColorSpray	£95.00	£7	.50	2 - 3 Days
UK Maintanu	Films, Bevels Solder, Ancillaries	£50.00	Order Value below £25.00 £5.50	Order Value £25.00 - £49.99 £2.95	Next day by 5:00pm
Ireland Isle of Wight	CadRam Resins ColorSpray	£250.00	£1	5.00	2 - 3 Days
Isle of Man Jersey	Films, Bevels Solder, Ancillaries	£100.00	£15.00		2 - 3 Days
Export	All Products	£250.00 F.O.B. 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				

۲

*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).



Definitive 1 - A52_Overlay Section 08/10/2014 10:19 Page 7

ſ



Decorative Overlay Systems

Index

Introduction	A2
Marketing Support	A 8
Training and Technical	A10
Lead Profiles	A11
Stained Glass Art Film	A17
Digital Art Film	A44
Pre-Printed Film Designs	A46
RegaBevels	A53
Jewels and Roundels	A116
Fusion Tiles	A117
Inox Elements	A135
Bevel Bonding	A139
Tools and Accessories	A147

.











.





<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:

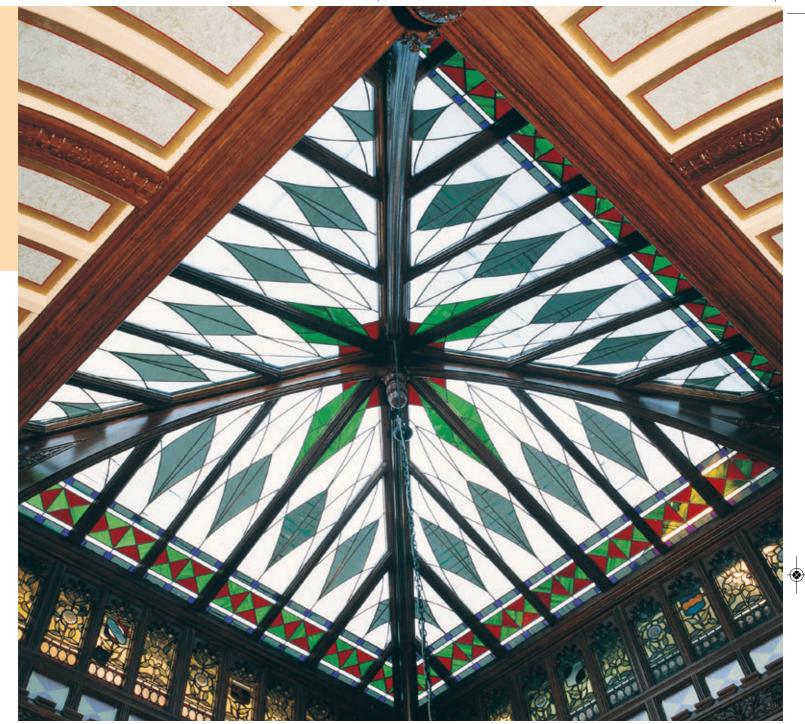
- Windows and doors
- Kitchen cabinets and furniture panels
- Mirrors
- Over-tub windows
- Room dividers
- Ceiling light panels
- Glazed roofs

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



۲





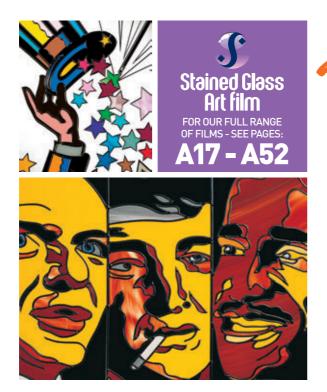




RegaLead profiles to create a traditional glass look with the simple elegance that lead can bring. With the appearance of authentic lead caming, but the added structural and design versatility of our entire Overlay system, our selfadhesive profiles are as popular as they are easy to use.

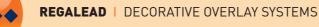
As the UK's leading manufacturer of self-adhesive lead, RegaLead has developed an extensive range of profiles to suit every requirement. Using our unique production technology, we've developed the use of electrophoretic and polyester powder coatings, allowing us to create a fantastic selection of 14 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.



ф

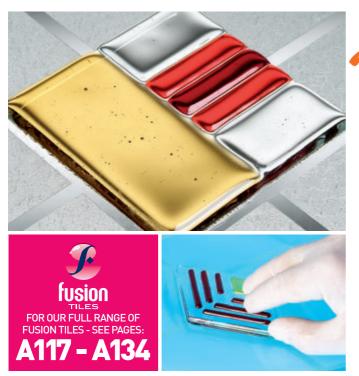
...is just that...a plain piece of glass!

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

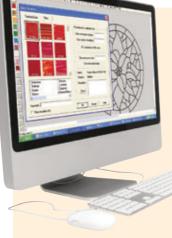
Lead swatch cards have a small sample of every lead colour and lists the widths and

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 £15.00
Translucent £3.50
100 & 200 Series £3.50
300 & 400 Series £3.50

£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

A8





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.

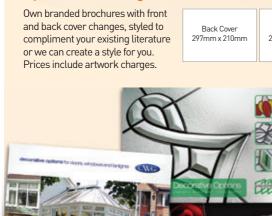
We also offer customised overprinting for our 'Decorative Options' brochure, with either full page or wrap covers.

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



A9

RegaLead **Branded Covers** 40p each

REGALEAD | DECORATIVE OVERLAY SYSTEMS

-🛞

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.



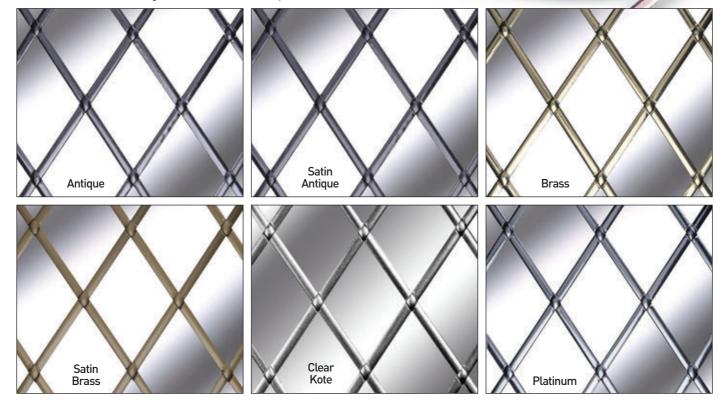
Natural

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

۲

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.

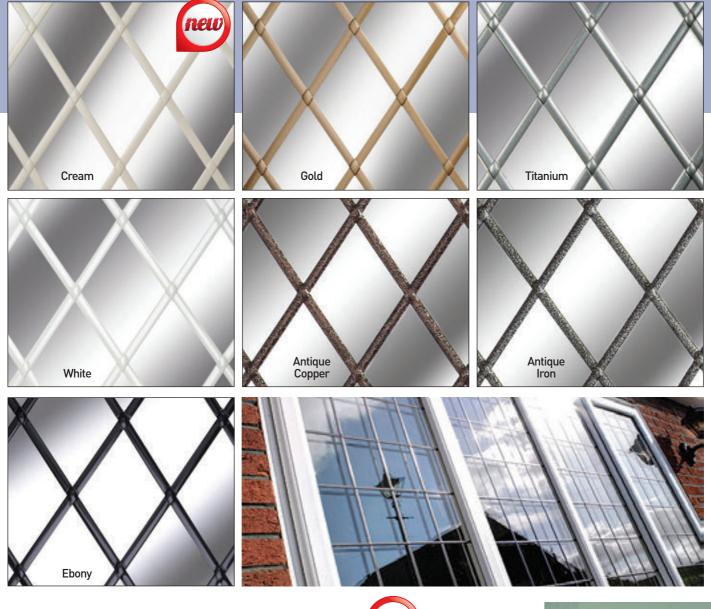


REGALEAD | DECORATIVE OVERLAY SYSTEMS

_

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)



۲

Custom Colours

۲

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

۲



A13

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.

۲

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

۲

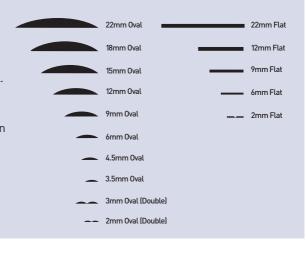
The perfect width for leading around glass bevels and borders.

3.5mm and 4.5mm

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

2mm and 3mm

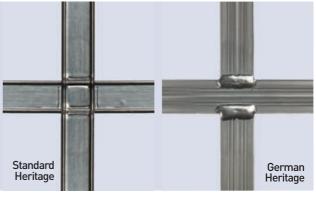
These leads are supplied 'kiss-cut' in easy to split double strands and are commonly used for fine detailed applications.



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









&

Lead Profile Availability



		2mm Oval 50m (25x2)	2mm Flat 30m (15x2)	3mm Oval 50m (25x2)	3.5mm Oval 25m	4.5mm Oval 50m [#]	6mm Oval 50m†	6mm Flat 50m	9mm Oval 50m†*	9mm Flat 50m	12mm Oval 45m*	12mm Flat 50m	15mm Oval 50m	18mm Oval 50m	22mm Flat 50m	22mm Oval 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 Titanium				•		Interior appli	ications only			•		•	•		
						•	Interior appli	cations only	•		•		•	•		
	Titanium			•	•	•	Interior appli	cations only	•		•		•	•		
	Titanium Cream				•	•	Interior appl	ications only	•		•		•			
	Titanium Cream Gold				•	•	Interior appl	cations only	•							
	Titanium Cream Gold 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.



REGALEAD | DECORATIVE OVERLAY SYSTEMS



A17

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.

۲

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.





۲



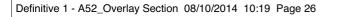


Due to limitations of the printing process, colours may vary from those shown and the true level of opacity cannot be accurately represented. Batch-to-batch variation may also occur. We recommend ordering swatches or samples for a more accurate representation.

REGALEAD | DECORATIVE OVERLAY SYSTEMS

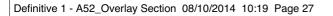


A19





REGALEAD | DECORATIVE OVERLAY SYSTEMS





REGALEAD | DECORATIVE OVERLAY SYSTEMS



A21















Light Grains

.

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**





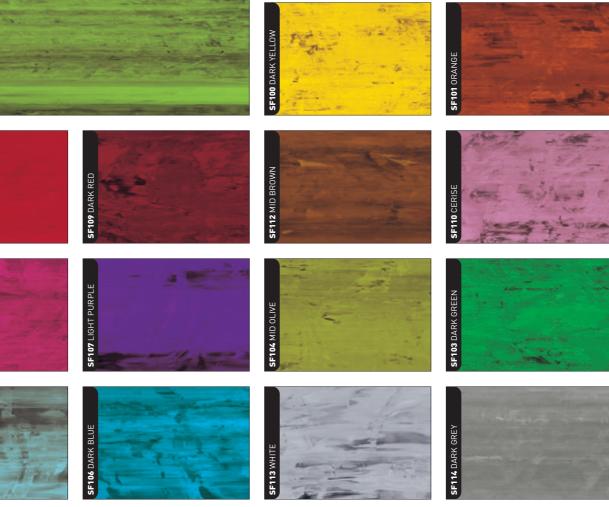




۲

Dark Grains

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





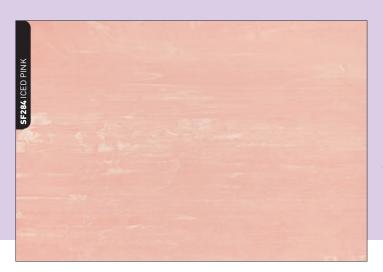
A22

SF108 LIGHT RED

SF111 DARK PINK

ā

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



_ی



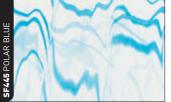
SFLAK

Opaque Ripples

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







۲





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.

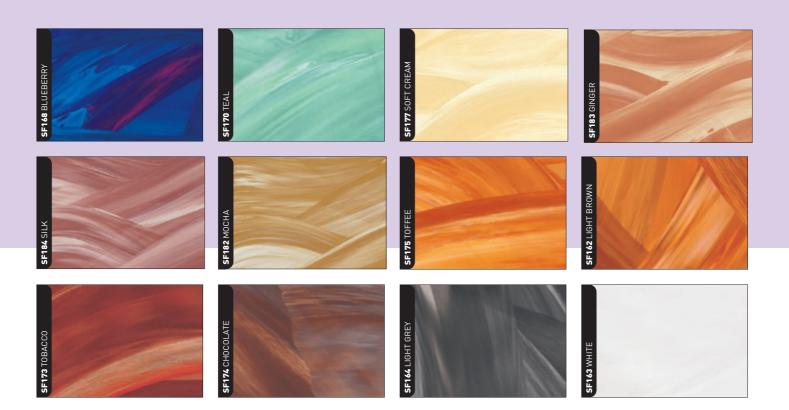




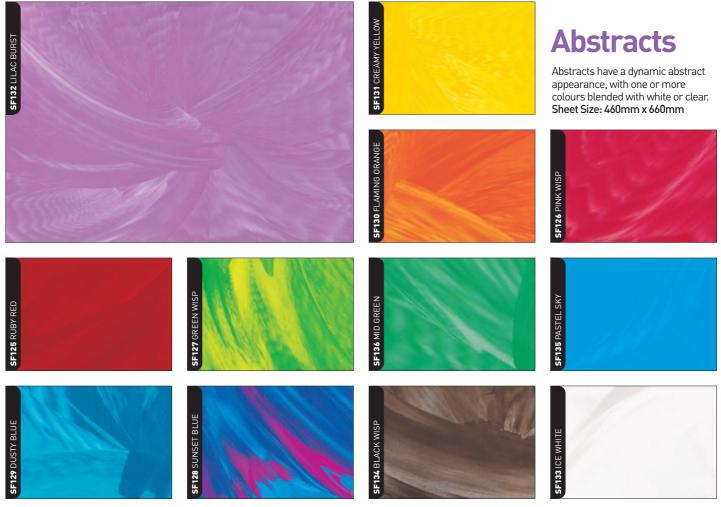
۲

REGALEAD | DECORATIVE OVERLAY SYSTEMS

I



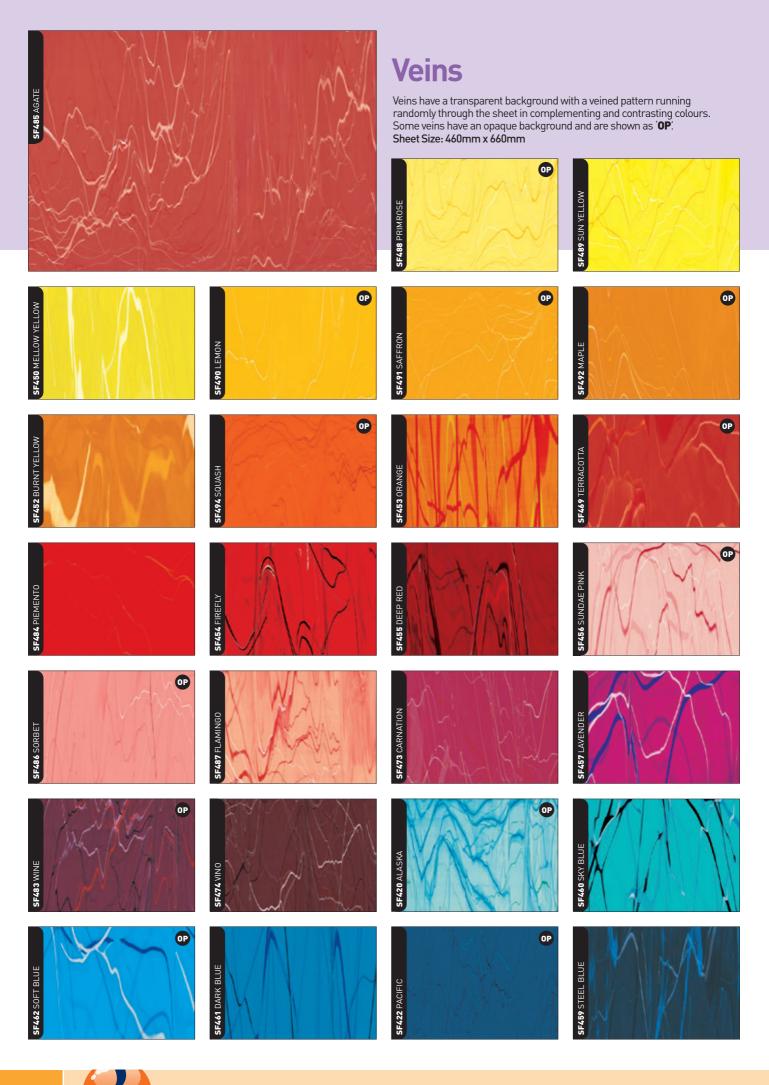
-



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.

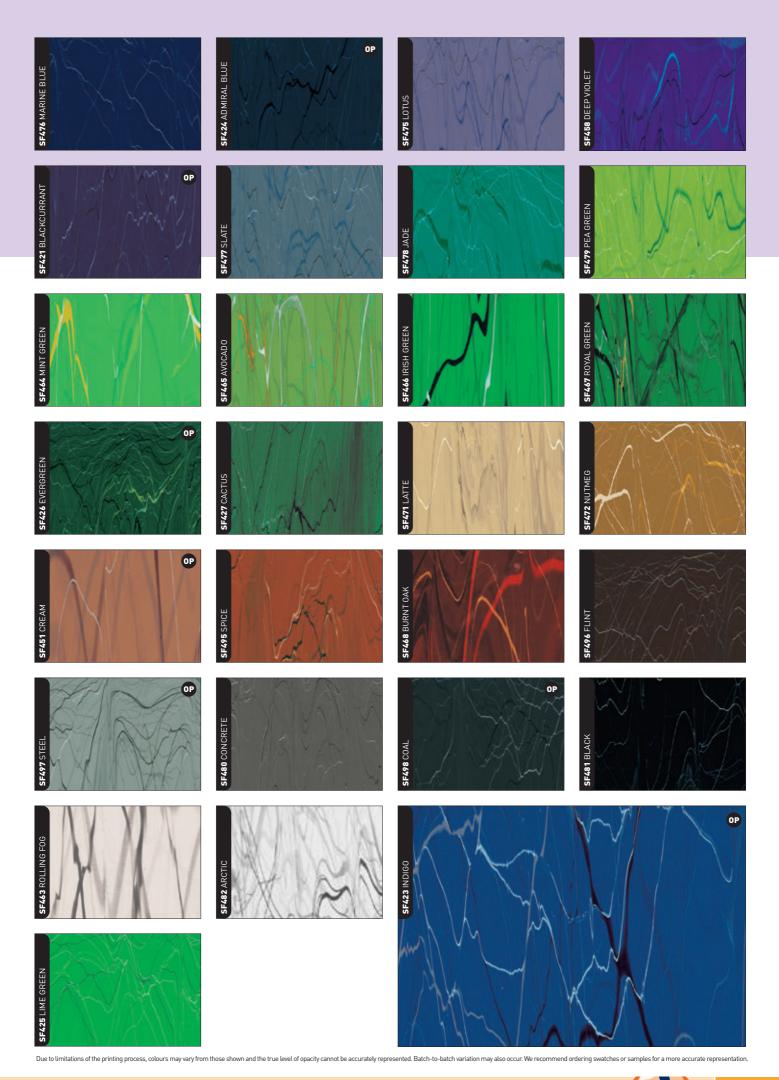


REGALEAD | DECORATIVE OVERLAY SYSTEMS



۲

.



۲

REGALEAD | DECORATIVE OVERLAY SYSTEMS

-



A27



۲

REGALEAD | DECORATIVE OVERLAY SYSTEMS



۲

REGALEAD | DECORATIVE OVERLAY SYSTEMS





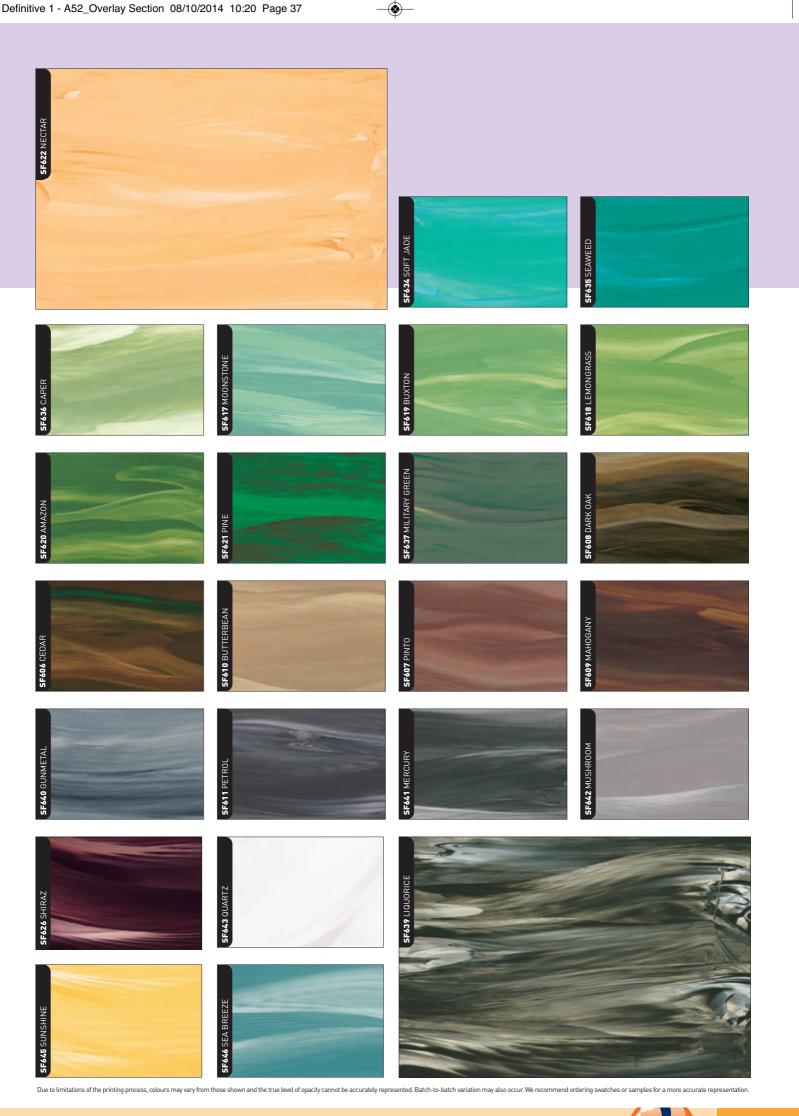
Streaky Opaques

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**



۲

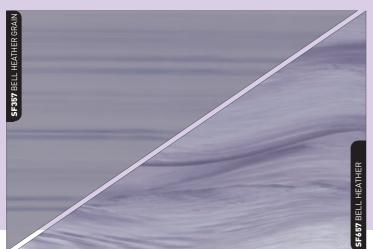
F



REGALEAD | DECORATIVE OVERLAY SYSTEMS

-





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

۲



A32

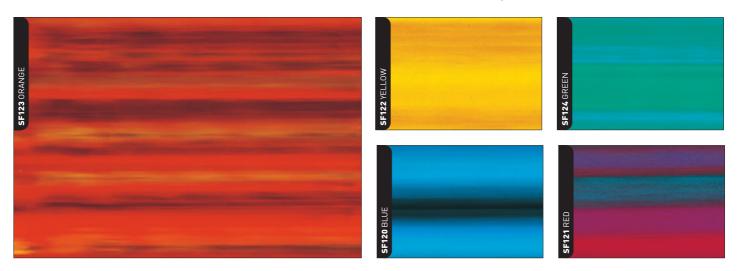
۲



.

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.

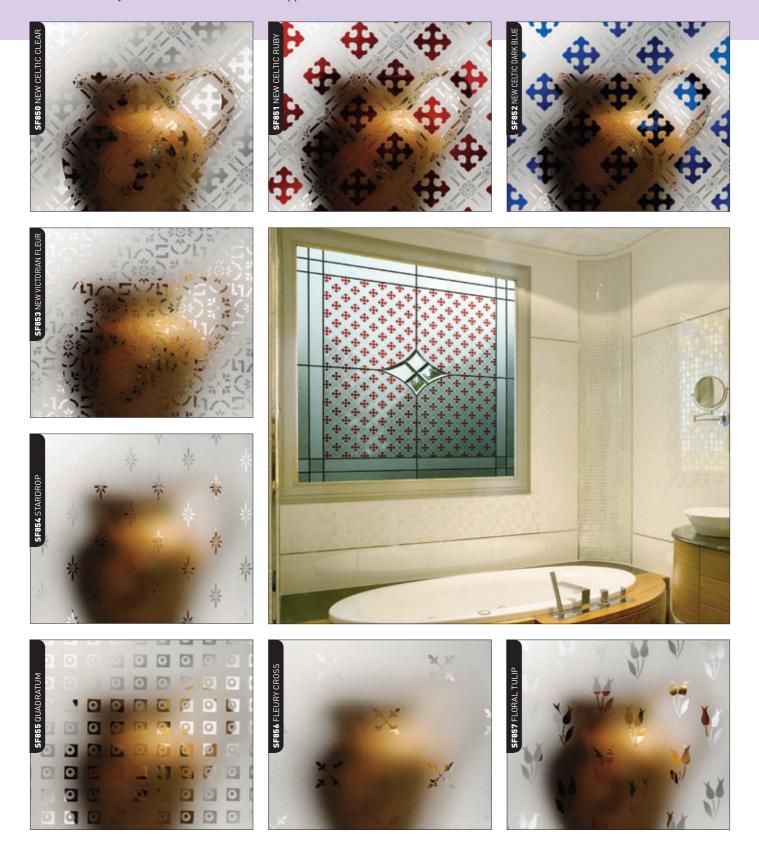


A33



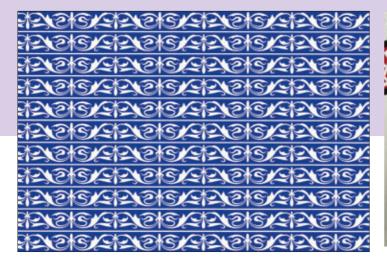
Our range of Etched Patterned backgrounds use the latest printing techniques to give a genuine looking, etched-effect which provides high levels of obscurity, whilst still allowing natural light through. This extended range of 8 stunning effects are based on Victorian and Edwardian etched glass styles 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

۲





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

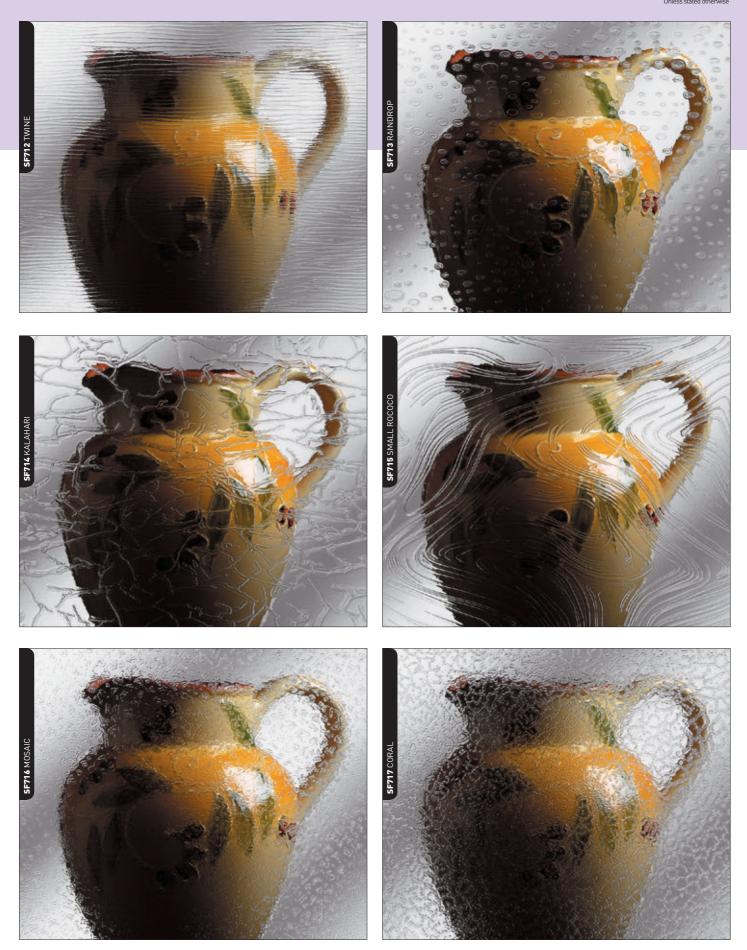




Embossed Background Effects

Sheet Size: 510mm x 660mm Unless stated otherwise

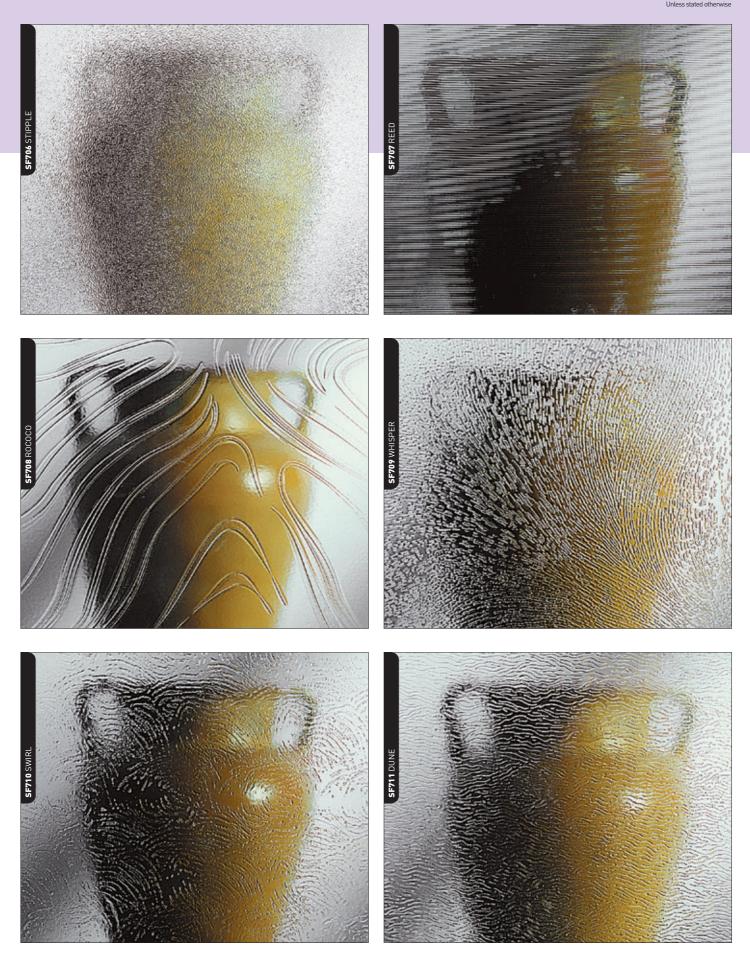
۲



۵)



Sheet Size: 510mm x 660mm Unless stated otherwise



۲

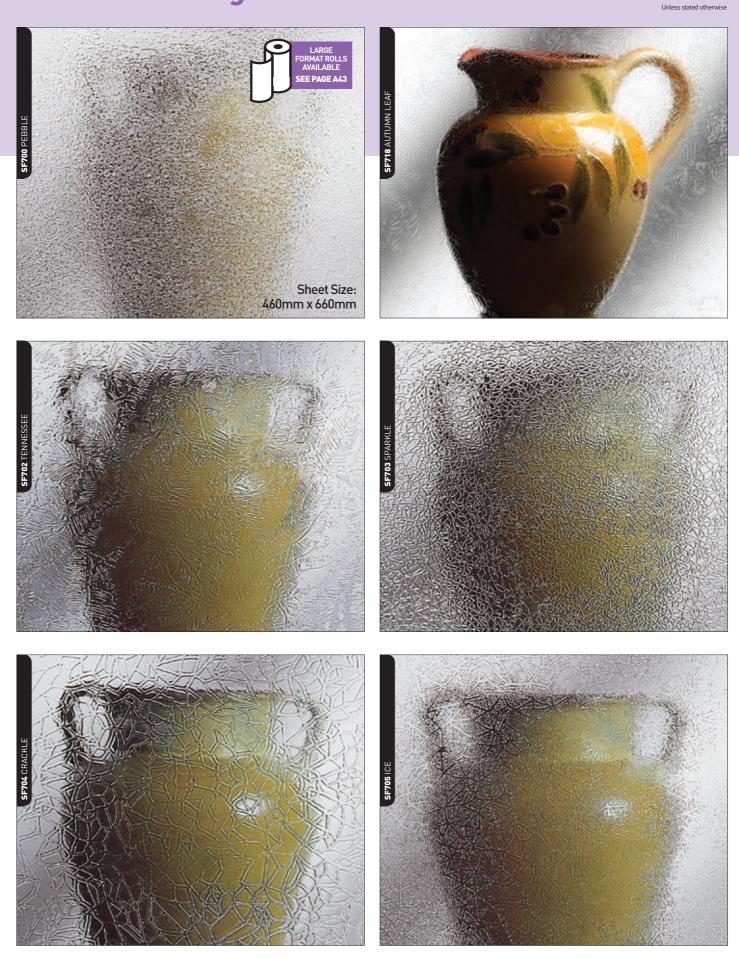
REGALEAD | DECORATIVE OVERLAY SYSTEMS

۲



Embossed Background Effects

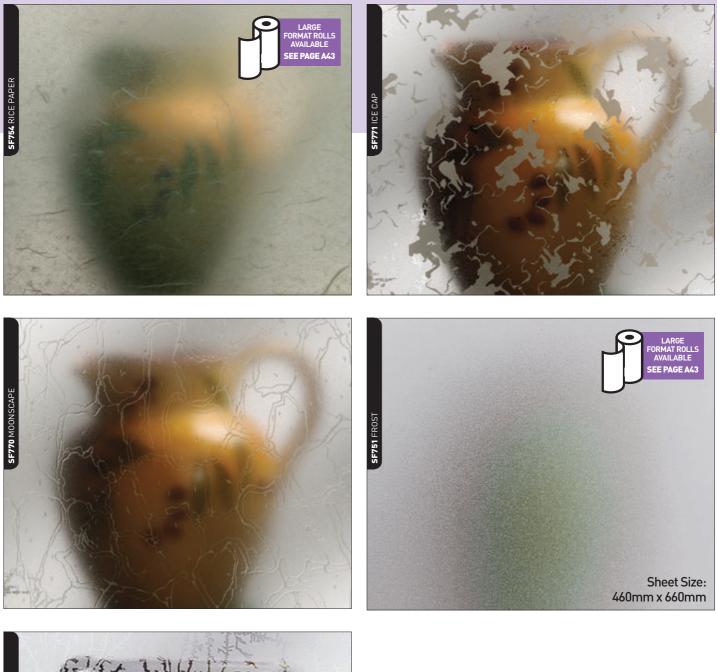
Sheet Size: 510mm x 660mm



()

Printed Background Effects

Sheet Size: 500mm x 680mm Unless stated otherwise



(&)



EMS



۲

Printed Background Effects

Sheet Size: 500mm x 680mm Unless stated otherwise

۲

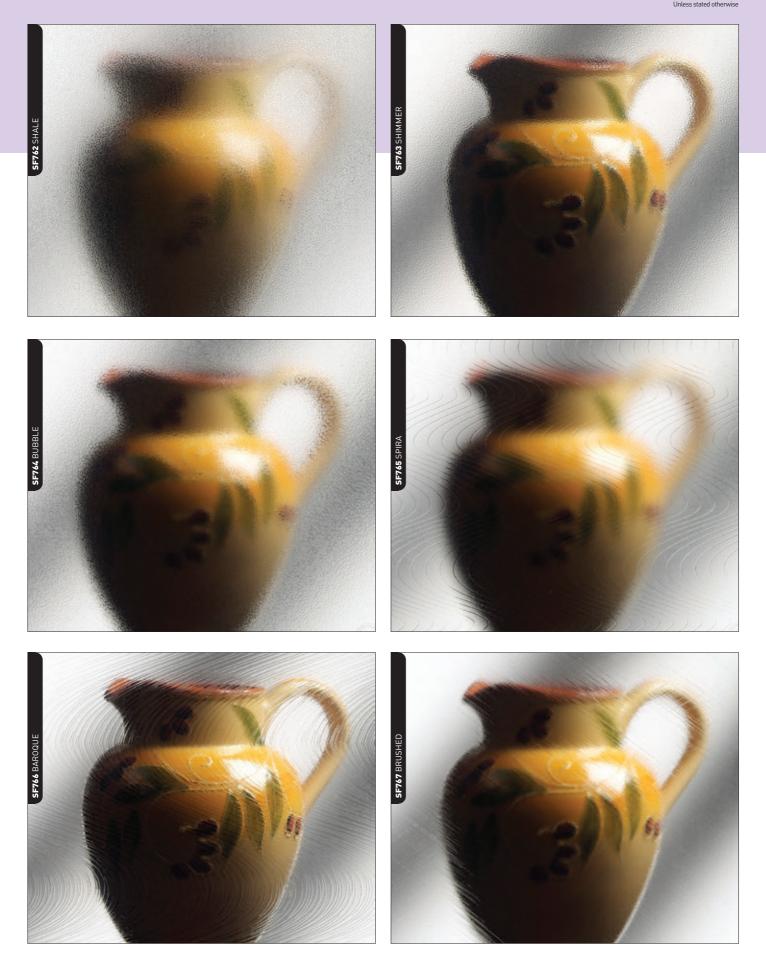


۲

()

()

Sheet Size: 500mm x 680mm Unless stated otherwise



REGALEAD | DECORATIVE OVERLAY SYSTEMS

®-



Printed Background Effects

Sheet Size: 500mm x 680mm

new

new

۲



۲





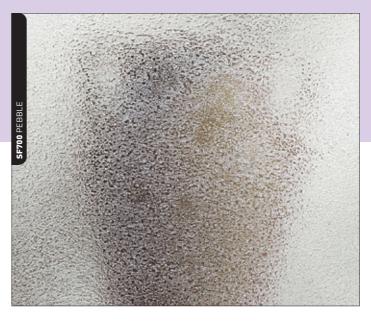
۲



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 SF 700M	Width	Max Length	Priced	Min Order
Pebble	686mm	100mtr	by metre	10mtr
SF 751M Frost	686mm	100mtr	by metre	10mtr
SF 752M Mississippi	686mm	1450mm	by sheet	1 sheet
SF 758M Double Mississippi	686mm	1450mm	by sheet	1 sheet
SF 754M 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*



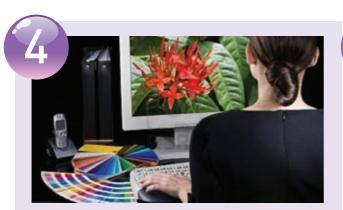
Send us the file along with the size and laminate specification required. We accept JPEG, TIFF and .EPS files **



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

A44

REGALEAD | DECORATIVE OVERLAY SYSTEMS



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/m²

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



REGALEAD | DECORATIVE OVERLAY SYSTEMS

×

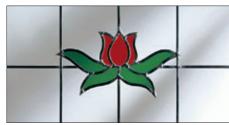


Adding a leaded coloured glass design to a fanlight is now easy to achieve with our range of pre-printed transfers. These traditional designs not only offer style, but also simplicity. Choose from an attractive array of floral or traditional motifs to imbue windows or fanlights with a subtle, yet striking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

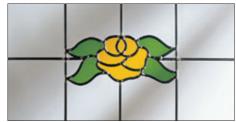
Each pre-printed fanlight design comes as an easy-to-use transfer, helpfully marked where our self-adhesive lead needs to be applied. They are carefully prepared using a high specification, colour-stable polyester film with built-in UV inhibitors and are equally effective when applied to clear or patterned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



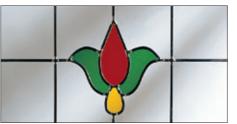
RTF 12 | MOTIF SIZE: 265 x 114mm



RTF 16 | MOTIF SIZE: 280 x 205mm



RTF 10 | MOTIF SIZE: 265 x 114mm



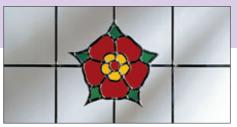
RTF 13 | MOTIF SIZE: 205 x 210mm



RTF 17 | MOTIF SIZE: 200 x 160mm



RTF 2 | MOTIF SIZE: 298 x 180mm



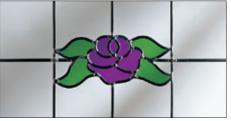
RTF 3 | MOTIF SIZE: 203 x 190mm



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

۲



REGALEAD | DECORATIVE OVERLAY SYSTEMS



RTF 19 | MOTIF SIZE: 176 x 176mm



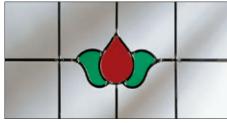
RTF 22 | MOTIF SIZE: 135 x 142mm



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

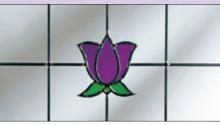


RTF 40 | MOTIF SIZE: 168 x 172mm



۲

RTF 20 | MOTIF SIZE: 135 x 135mm



RTF 23 | MOTIF SIZE: 135 x 142mm



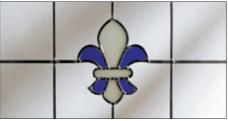
RTF 26 | MOTIF SIZE: 232 x 104mm



RTF 29 | MOTIF SIZE: 232 x 104mm



RTF 32 | MOTIF SIZE: 180 x180mm

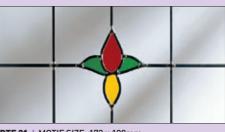


RTF 36 | MOTIF SIZE: 150 x 185mm

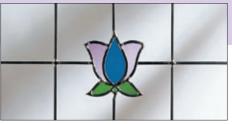


&-

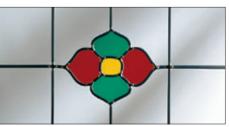
RTF 41 | MOTIF SIZE: 168 x 172mm



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



A47

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

۲



Cottage





REGALEAD | DECORATIVE OVERLAY SYSTEMS

۲



 \bigotimes

Price Codes

Product Code	Colour Description	Price Band
	PLAIN COLOURS	
SF1	MELLOW YELLOW	A
SF2	DARK YELLOW	A
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 SF11		<u> </u>
SF11 SF12	MOSS	——————————————————————————————————————
SF12	CRYSTAL BLUE	A
SF14	LIGHT BLUE	A
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	A
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	A
SF42		<u> </u>
SF43	MAUVE	
SF44	APPLE	A
SF45	SPEARMINT	<u> </u>
SF45		—— <u>A</u>
SF47	NETTLE	A
SF48	SEA SPRAY	—— <u>A</u>
SF49	COOL MINT	A
SF50	METRO	——————————————————————————————————————
SF51	PARMA	——————————————————————————————————————
SF52	CAMEL	—— <u>A</u>
SF53	BISCUIT	A
SF54	TEAL	<u> </u>
SF55	BOTTLE	A
SF56	GRASSHOPPER	<u>A</u>
SF57	DAMSON	<u>A</u>
SF58	MERLOT	<u> </u>
SF59	BERRY	A
SF60	JEANS	A
SF61	MIDNIGHT	—— <u>A</u>
SF62	BURNT YELLOW	A
SF63	DEEP VIOLET	A
SF63	IRISH GREEN	——————————————————————————————————————
JI 04		
SF65	GARDEN GREEN	Α

Product Code	Colour Description	Price 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

۲

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 Code	Colour Description	Price 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 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 SF354	CIDER GRAIN 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 SF406	BONFIRE	<u> </u>
SF406	ATLANTIS 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 SF441	ARMALADE CARAMEL	<u>D</u>
SF441 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 SF457	SUNDAE PINK VEIN LAVENDER VEIN	D
SF457 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 Code	Colour Description	Pric 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

SF507

SF508

SF509

SF510 SF511

SF521

SF522

SF523

SF524

SF526

SF527

SF258

SF259

SF530

SF531

SF532

SF600

SF601

SF602

SF603

SF604

SF605

SF606

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





ce nd

Product Code

SF609

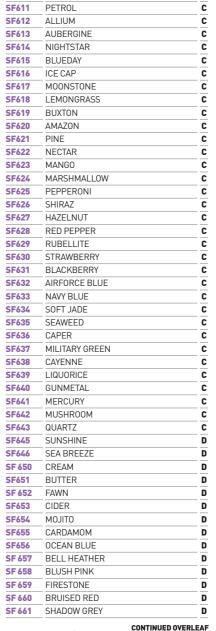
SF610

Colour Description

MAHOGANY BUTTERBEAN Price Band

С

C



D

D

D Ε

В

D D

D D

D

D

C

C

C

C

C C

С

C

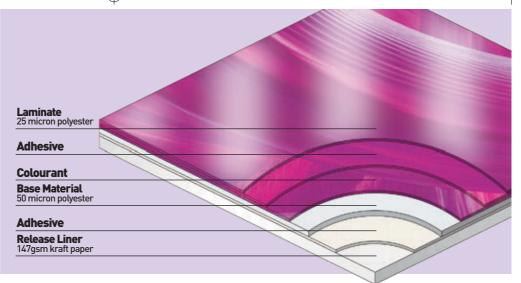
C

Price Codes

Product Code	Colour Description	Price 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	D x2
SF851	NEW CELTIC RUBY	D x2
SF852	NEW CELTIC BLUE	D x2
SF853	NEW VICTORIAN FLEUR	D x2
SF 854	STARDROP	D x2
SF855	QUADRATUM	D x2
SF 856	FLEURY CROSS	D x2
SF 857	FLORAL TULIP	D 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)

۲

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

۲

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

- **(**

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

۲

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)	
	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)	
	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)		RB 207RC	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)	
2.1	Cluster 234x389mm1131							

REGALEAD | DECORATIVE OVERLAY SYSTEMS



CODE	DESCRIPTION	PAGE	CODE	DESCRIPTION	PAGE	CODE	DESCRIPTION	PAGE
	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 RB 495	Rose&Leaves Cluster - Pink&Green 240x245mm (9)	
	Cluster 392x465mm (13)		RB 335 RB 336.1	Star 75x110mm (1)		RB 495	Rose&Leaves Cluster - Pink&Green 240x245mm (9) 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 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)	
	Cluster 150x150mm (9)			Cluster 179x225mm (7) Cluster 179x187mm (7)			Square Bronze 38x38mm (1)	
			RB 380			RB 618		
	Fanlight 204x204mm (5)		RB 381	Cluster 423x166mm (12)		RB 619	Star Bronze 82x82mm (1)	
	Cluster 270x260mm (9)		RB 383	Cluster 254x348mm (12)		RB 620	Star Bronze 127x127mm (1)	
	Cluster 128x334mm (16)		RB 384	Corner 341x341mm (5)		RB 622.1	Cluster Bronze 200x145mm (3)	
	Angel Fish Medium Left 175x206mm (RB 385	Cluster 120x150mm (3)		RB 636.1	Brilliant Cut Star Bronze 136x190mm (1)	
RB 288.2	Angel Fish Medium Right 175x206mm	[13]A97	RB 386	Cluster 190x160mm (2)		RB 636.2	Star Bronze 80x112mm (2)	
RB 289	Angel Fish Small Left 125x147mm (8).	A97	RB 387	Cluster 250x120mm (9)	A85	RB 658.1	Cluster Bronze 182x152mm (3)	A94
	Angel Fish Small Right 125x147mm (8		RB 391	Corner 203x203x25mm (8)	A103/A106	RB 668.1	Cluster Bronze 256x155mm (6)	A95
	Shamrock Cluster 183x234mm (4)		RB 392	Corner 254x254mm (11)	A103/A106	RB 681.1	Cluster Bronze 216x137mm (4)	
	Cluster 190x270mm (5)		RB 393	Cluster 160x470mm (6)		RB 682.1	Cluster Bronze 228x133mm (8)	
	Cluster 136x680mm (13)		RB 394	Cluster 165x522mm (22)		RB 701.1	Piece Green 155x80mm (1)	
	Cluster 280x340mm (13)		RB 394.2	Cluster 83x522mm (16)		RB 701.1	Cluster Green 165x127mm (3)	
	Cluster 200x710mm (23)		RB 394.2 RB 395	Corner 152x152x38mm (3)		RB 702.1 RB 705.1	Cluster Green 191x114mm (4)	
	Cluster 75x710mm (13)		RB 396	Corner 152x152mm (3)		RB 708.2	Square Green 51x51mm (1)	
	Door Bevel 292x665mm (13)		RB 397	Cross 146x180mm (8)		RB 709.1	Diamond Green 127x76mm (1)	
	Cluster 408x510mm (17)		RB 398L/R	Corner 183x240mm (12)		RB 709.2	Brilliant Cut Diamond Green 127x76mm (1)	
	Replacement Centre Blue 105x118mn		RB 399	Cluster 330x699mm (17)		RB 714.2	Cluster Green 252x187mm (5)	
RB 296RCGC	Replacement Centre Glue Chip 105x11	8mm(1)A114	RB 400	Cluster 178x839mm (19)	A69	RB 718	Square Green 38x38mm (1)	A112
RB 296RCGR	Replacement Centre Green 105x118m	m (1)A114	RB 401	Cluster 210x445mm (9)	A83	RB 719	Star Green 82x82mm (1)	A111
	Cluster 417x220mm (9)		RB 401.3	Piece 155x80mm (1)		RB 720	Star 127x127mm (1)	
	Cluster 237x700mm (12)		RB 401.4	Piece 235x120mm (1)		RB 722.1	Cluster Green 200x145mm (3)	
	Cluster 210x445mm (9)		RB 402	Cluster 109x388mm (9)		RB 732.1	Cluster Green 193x196mm (5)	
	Replacement Centre 85x140mm (1)		RB 403	Cluster 228x788mm (29)		RB 734.1	Oval Green 76x127mm Green (1)	
						RB 735.1		
	Cluster 109x388mm (9)		RB 404	Cluster 330x1462mm (29)			Oval Green 102x152mm Green (1)	
	Cluster 202x324mm (5)		RB 414.1	Cluster GC 216x292mm (5)		RB 736.1	Brilliant Cut Star Green 136x190mm (1)	
	Cluster 147x191mm (7)		RB 414.2	Cluster GC 252x187mm (5)		RB 736.2	Star Green 80x112mm (2)	
	Cluster 310x310mm (8)		RB 415	Cluster GC 270x770mm (29)		RB 748.1	Cluster Green 178x178mm (5)	
RB 312	Cluster 133x381mm (6)	A78	RB 424	Cluster 290x596mm (15)	A83	RB 749.1	Cluster Green 145x180mm (7)	A9
	Cluster 508x254mm (6)		RB 427	Circle Glue Chip 51mm dia (1)		RB 758.1	Cluster Green 182x152mm (3)	
RB 314	Cluster 400x164mm (6)		RB 428	Glue Chip 70x146mm (1)		RB 759.1RC	Replacement Centre Green 124x134mm (1)	
RB 315		A01	PR / 20	Cluster GC 152v104mm [2]			Cluster Green 256v155mm [4]	
RB 315 RB 317	Cluster 163x215mm (7)		RB 430	Cluster GC 152x196mm (3)		RB 768.1	Cluster Green 256x155mm (6)	
RB 315 RB 317 RB 318L/R	Cluster 163x215mm (7) Corner 168x237mm (3)	A107	RB 432	Cluster GC 193x196mm (5)	A93	RB 781.1	Cluster Green 216x137mm (4)	A94
RB 315 RB 317 RB 318L/R RB 319	Cluster 163x215mm (7)	A107 A91/A96			A93 A113			A92 A92

۲

A56

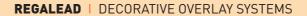
.

I

DDE	DESCRIPTION	PAGE	CODE	DESCRIPTION	PA
CB 783	Faith Fish 200x91mm (3)		RB 1261	Diamond 72x140mm (1)	
CB 784	Crown of Thorns 250x241mm (14)		RB 1261.1	Brilliant Cut 72x140mm (1)	
	Awareness Ribbon 146x20mm (4)		RB 1262	Diamond 152x229mm (1)	
	Cluster 283x520mm (13)		RB 1263	Diamond 51x102mm (1)	
802	Cluster 203x355mm (9)		RB 1263.1	Diamond 51x76mm (1)	
	Cluster 220x460mm (9)		RB 1264	Triangle 76x76x76mm (1)	
	Cluster 125x520mm (7)		RB 1265	Triangle 76x76x108mm (1)	
	Cluster 112x397mm (9)		RB 1266.1	Triangle 74x127x74mm (1)	
	Cluster 234x581mm (15)		RB 1266.2	Triangle 74x76x74mm (1)	
	Grey&Clear 122x480mm (8)		RB 1267.1	Triangle 102x102x178mm (1)	
	Cluster 260x430mm (9)		RB 1267.2	Triangle 102x101x102mm (1)	
3851	Cluster 180x360mm (17)		RB 1268	Triangle 51x51x72mm (1)	
852	Cluster 290x520mm (13)		RB 1269	Circle 38mm dia (1)	
	Cluster 180x570mm (11)		RB 1270	Circle 51mm dia (1)	
854	Cluster 365x295mm (12)		RB 1271	Circle 76mm dia (1)	
855	Celtic Knott 148x132mm (13)		RB 1272	Circle 101mm dia (1)	
	Grey 203x355mm (9)		RB 1273	Semi Circle 76mm dia (1)	
	Grey 210x445mm (9)		RB 1275	Diamond 25x51mm (1)	
	Grey Diamond 155x80mm (1)		RB 1276	Oval 50x100mm (1)	
	Grey Diamond 109x388mm (9)		RB 1277	Oval 152x229mm (1)	
3 905.1	Grey 191x114mm (9)	A93/A94	RB 1278	Oval 76x127mm (1)	
3 908.2	Grey 51x51mm (1)	A112	RB 1278.2L/R	Extension Set 165x218mm (4)	A
3 909.1	Grey 76x127mm (1)	A109	RB 1279	Oval 152x279mm (1)	A
	Grey 127x76mm (1)		RB 1280	Oval 101x152mm (1)	A
	Grey 38x38mm (1)		RB 1280.2L/R	Extension Set 198x263mm (4)	
	Grey 82x82mm (1)		RB 1281	Clear Bevel 47x145mm (1)	
	Grey 127x127mm (1)		RB 1283	Coffin 25x70x114mm (1)	
	Grey 136x190mm (1)		RB 1285	Bevel 70x146mm (1)	
	Grey 80x112mm (1)		RB 1286	Large Hexagon 417x108mm (1)	
	Grey 262x536mm (13)		RB 1288	Large Irr. Rhomboid 417x54mm (1)	
	Grey 129x536mm (7)		RB 1289	Clear Bevel 42x175mm (1)	
	Grey 182x152mm (3)		RB 1290A	Bevel Semi Circle 101mm (4)	
	Grey 124x134mm (1)		RB 1270A	Bevel Semi Circle 178mm (4)	
3 990.1	Grey 180x135mm (1)		RB 1290C	Bevel Semi Circle 776mm (4) Bevel Semi Circle 254mm (4)	
	Grey 260x155mm (5)		RB 1290C	Bevel Semi Circle 234mm (4) Bevel Semi Circle 330mm (4)	
3992.1	Grey 170x170mm (5)		RB 1270D	Bevel Semi Circle 330mm (4)	
3 1001	Door Bevel 134x474mm (9)		RB 1273E	Star 100x140mm (1)	
3 1002	Door Bevel 148x446mm (15)		RB 1275	Star 100x140mm (1)	
3 1002	Clear 78x260mm (8)		RB 1274	Star Polished Brilliant Cut 80x112mm (1)	
	Clear 98x230mm (6)		RB 1296 RB 1297	Star Polished Brilliant Cut 100x140mm(1)	
	Cluster 240x70mm (7)			Star Polished Brilliant Cut 125x133mm (1)	
	Clear 125x178mm (5)		RB 1298	Star 78x78mm (1)	
	Clear 156x147mm (4)		RB 1299	Star 106x106mm (1)	
	Door Bevel 300x778mm (24)		RB 1301	Square Double - Faceted Clear 51x51mm (1)	
3 1010	38mm Arch Top Border 460x815mm (14)		RB 1302	Square Double - Faceted Blue 51x51mm (1)	
3 1011	Door Bevel 200x550mm (20)		RB 1303	Square Double - Faceted Green 51x51mm (1)	
	25mm Border Cluster 88x317mm (8)		RB 1304	Square Double - Faceted Clear 60x60mm (1)	
8 1013	Door/Brilliant Cut Centre 135x460mm (13)		RB 1305	Square Double - Faceted Grey 51x51mm (1)	
	Cluster 86x422mm (13)		RB 1311	Square Multi - Faceted Clear 51x51mm (1)	
	Small Door/Cabinet 77x420mm (10)		RB 1312	Square Multi - Faceted Blue 51x51mm (1)	
-	SmallDoor/Cabinet 125x390mm (8)		RB 1313	Square Multi - Faceted Green 51x51mm (1)	
3 1016	Cluster 210x175mm (6)		RB 1314	Square Multi - Faceted Grey 51x51mm (1)	
8 1017	Cluster 130x130mm (3)		RB 1316	Square Multi - Faceted Clear 38x38mm (1)	
8 1018	Cluster 195x150mm (5)		RB 1317	Square Multi - Faceted Blue 38x38mm (1)	
	Cluster 170x120mm (5)		RB 1318	Square Multi - Faceted Green 38x38mm (1)	
	Cluster 200x160mm (3)		RB 1319	Square Multi - Faceted Grey 38x38mm (1)	<i>I</i>
3 1021	Cluster 170x170mm (9)		RB 1321	Diamond Multi - Faceted Clear 76x127mm (1).	A
3 1022	Cluster 150x150mm (3)	A92	RB 1322	Diamond Multi - Faceted Blue 76x127mm (1)	<i>I</i>
3 1023	Cluster 220x215mm (6)	A92	RB 1323	Diamond Multi - Faceted Green 76x127mm [1]) <i>I</i>
3 1024	Cluster 220x215mm (6)	A92	RB 1324	Diamond Multi - Faceted Grey 76x127mm (1)	
3 1025	Cluster 175x205mm (4)		RB 1331	Diamond Double - Faceted Clear 76x127mm (1)A
3 1026	Cluster 190x180mm (5)	A92	RB 1332	Diamond Double - Faceted Blue 76x127mm (1	
	Cluster 170x135mm (3)		RB 1333	Diamond Double - Faceted Green 76x127mm	
	Cluster 140x170mm (3)		RB 1334	Diamond Double - Faceted Grey 76x127mm (1	
	Cluster 140x176mm (3)		RB 1341	Diamond Multi - Faceted Clear 100x50mm (1).	
	Cluster 240x140mm (8)		RB 1342	Diamond Multi - Faceted Blue 100x50mm [1].	
1030	Corner 225x90mm (6)		RB 1343	Diamond Multi - Faceted Bitle 100x50mm [1].	
	Corner 125x125mm (3)		RB 1344	Diamond Multi - Faceted Grey 100x50mm (1).	
	Corner 125x125mm (3)		RB 1344 RB 1351	Triangle Multi - Faceted Clear 51x51mm (1)	
	Corner 85x85mm (2)		RB 1356	Triangle Multi - Faceted Clear 76x76mm (1)	
	Corner 145x145mm (3)		RB 1365	Circle Multi - Faceted 38mm Diameter (1)	
	Corner 160x160mm (2)		RB 1366	Circle Multi - Faceted 51mm Diameter (1)	
1046	Corner 175x175mm (3)		RB 1371	Circle Multi - Faceted 38mm Diameter (1)	
	Door Bevel Flower 215x430mm (8)		RB 1376	Circle Multi - Faceted 51mm Diameter (1)	
1051	Door Bevel Flower 180x380mm (8)		RB 1401	Square 51x51mm (1)	
1052	Door Bevel Flower 180x380mm (8)		RB 1402	Square 76x76mm (1)	
1053	Door Bevel Flower 150x395mm (5)		RB 1411	Diamond 76x127mm (1)	
1245	Diamond 55x120mm (1)		RB 9003	Grey Cluster 78x260mm	
1246	Diamond 65x130mm (1)		RB 9006	Grey Cluster 125x178mm	A86,
1247	Diamond 70x150mm (1)	A108			
1248	Diamond 90x180mm (1)	A108	DICHROIC BE	VELS	
1249	Piece 64x110mm (1)		RB 1500	Dichroic Cluster 203x355mm (9)	
	Square 76x76mm (1)		RB 1501	Dichroic Cluster 2210x445mm (9)	
	Square 101x101mm (1)		RB 1502	Dichroic Cluster 109x388mm (9)	
3 1252	Diamond 38x64mm (1)		RB 1505.1	Dichroic Cluster 191x114mm (4)	
	Diamond 76x127mm (1)		RB 1505.1	Dichroic Square 51x51mm (1)	
	Brilliant Cut Polished 76x127mm (1)		RB 1508.2	Dichroic Square 51x51mm (1) Dichroic Pencil 51x102mm (1)	
	Binuani Cui Fousnea 76x12/mm (1)			Dichroic Pencil 51x102mm [1] Dichroic Pencil 51x102mm [1]	
3 1258.1POL	Deilliget Out Engl 1 177 (407 (4)			LICTROIC PERCIL 5 X II Zmm 11	
3 1258.2FRO	Brilliant Cut Frosted 76x127mm (1)		RB 1508.4		
8 1258.1POL 8 1258.2FRO 8 1259	Diamond 51x152mm (1)	A108	RB 1509.1	Dichroic Diamond 76x127mm (1)	A
8 1258.1POL 8 1258.2FRO 8 1259 8 1260		A108 A108			A

۲

RB 1560	Dichroic Diamond 101x178mm (1)	Δ10
RB 1563	Dichroic Diamond 101x1781111(1)	
RB 1570	Dichroic Circle 51mm dia (1)	
RB 1590.1	Dichroic Cluster 180x135mm (4)	
RB 1592.1	Dichroic Cluster 170x170mm (5)	A9
THE DESIGN RBB 1	ER COLLECTION Designer 52x65mm PACK 10 Clear/Blue/Green	μ Δ6
RBB 2	Designer 90x145mm PACK 10 Clear/Blue/Green/Gre	
RBB 3	Designer 40x112mm PACK 10 Clear/Blue/Green/Gre	
RBB 4	Designer 40x112mm PACK 10 Clear/Blue/Green/Gre	
RBB 5	Designer 50x62mm PACK 10 Clear/Blue/Green/Gree	<i>,</i>
RBB 6	Designer 25x89mm PACK 10 Clear/Blue/Green/Gree	
RBB 7	Designer 55x130mm PACK 10 Clear/Blue/Green/Gre	
RBB 8	Designer 76x92mm PACK 10 Clear/Blue/Green/Green	·
RBB 9	Designer 55x130mm PACK 10 Clear/Blue/Green/Gre	
RBB 10	Designer 54x82mm PACK 10 Clear/Blue/Green/Gre	<i>,</i>
RBB 11	Designer 27x112mm PACK 10 Clear/Blue/Green/Gre	
RBB 12	Designer 54x82mm PACK 10 Clear/Blue/Green/Green	
RBB13	Designer 32x57mm PACK 10 Clear/Blue/Green/Green	
RBB 14	Designer 32x57mm PACK 10 Clear/Blue/Green/Green	yA6
RBB 15	Designer 33x47mm PACK 10 Clear/Blue/Green/Gr	yA6
RBB 16	Designer 33x47mm PACK 10 Clear/Blue/Green/Green	yA6
RBB 17	Designer 52x52mm PACK 10 Clear/Blue/Green/Green	yA6
RBB 18	Designer 25x25mm PACK 10 Clear/Blue/Green/Green	, yA6
RBB 19	Designer 52mm dia PACK 10 Clear/Blue/Green/Grey	
RBB 20	Designer 38x38mm PACK 10 Clear/Blue/Green/Grey	
RBB 21	Designer 60x60mm PACK 10 Clear/Blue/Green/Grey	
RBB 22	Designer 85x60mm PACK 10 Clear/Blue/Green/Grey	
RBB 23	Designer 86x86mm PACK 10	
RBB 24	Designer 86x86mm PACK 10	
RBB 25	Designer 40x84mm PACK 10	A6
RBB 26	Designer 40x84mm PACK 10	
RBB 27	Designer 40x44mm PACK 10	
RBB 28	Designer 54x90mm PACK 10	
RBB 29	Designer 54x90mm PACK 10	
RBB 30	Designer 100x111mm PACK 10	A6
RBB 31	Designer 41x62mm PACK 10	A6
RBB 32	Designer 41x62mm PACK 10	
RBB 33	Designer 54x122mm PACK 10	
RBB 34	Designer 54x122mm PACK 10	A6
JEWELS		
RJ 30R1	Faceted Clear 30mm	A11
RJ 30R2	Faceted Amber 30mm	A11
RJ 30R5	Faceted Blue 30mm	A11
RJ 30R6	Faceted Amethyst 30mm	A11
RJ 30R7	Faceted Green 30mm	A11
RJ 30R8	Faceted Aquamarine 30mm	A11
RJ 30R10	Faceted Red 30mm	A11
RJ 35P1	Plain Clear 35mm	A11
RJ 35P2	Plain Amber 35mm	A11
RJ 35P5	Plain Blue 35mm	
RJ 35P6	Plain Amethyst 35mm	A11
RJ 35P7	Plain Green 35mm	
RJ 35P8	Plain Aquamarine 35mm	A11
RJ 35P10	Plain Red 35mm	A11
RJ 40R1	Faceted Clear 40mm	A11
RJ 40R2	Faceted Amber 40mm	A11
RJ 40R5	Faceted Blue 40mm	A11
RJ 40R6	Faceted Amethyst 40mm	A11
RJ 40R7	Faceted Green 40mm	A11
RJ 40R8	Faceted Aquamarine 40mm	A11
RJ 40R10	Faceted Red 40mm	
RJ 40T1	Faceted Teardrop Clear 30x40mm	
RJ 40T2	Faceted Teardrop Amber 30x40mm	
RJ 40T5	Faceted Teardrop Blue 30x40mm	
RJ 40T6	Faceted Teardrop Amethyst 30x40mm	
RJ 40T7	Faceted Teardrop Green 30x40mm	
RJ 40T8	Faceted Teardrop Aquamarine 30x40mm	
RJ 40T10	Faceted Teardrop Red 30x40mm	A11
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 RFUR01	Clear 60mm diameter	
ROUNDELS RFUR01 RFUR02	Amber 60mm diameter	A11
ROUNDELS RFUR01		A11 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.

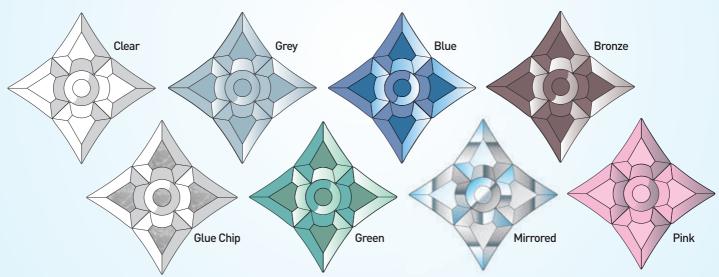
Discover how the brilliance and beauty of hand-crafted, custom bevels can add an extra dimension to your designs.



Bevel Availability

۲

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.

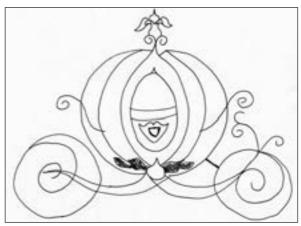
Bevel Costs: This is the cost of the bevelling and the glass. Size and complexity is taken into consideration at this point, and the cost is calculated using the same method as that used for standard bevels.

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

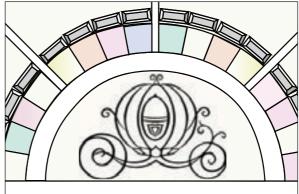
Chanterse

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

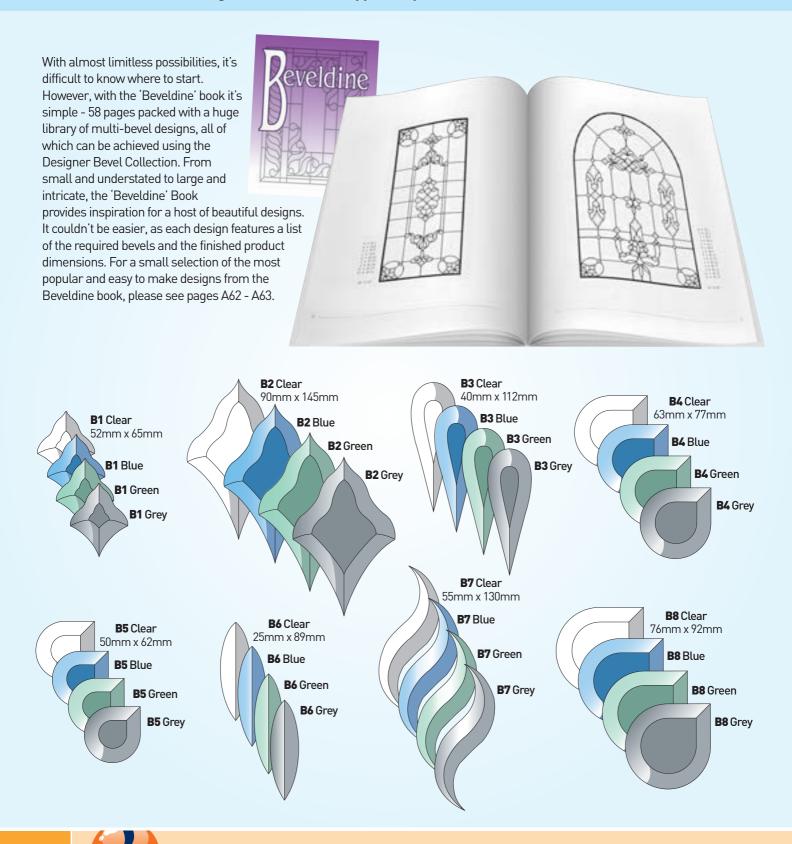


REGALEAD | DECORATIVE OVERLAY SYSTEMS

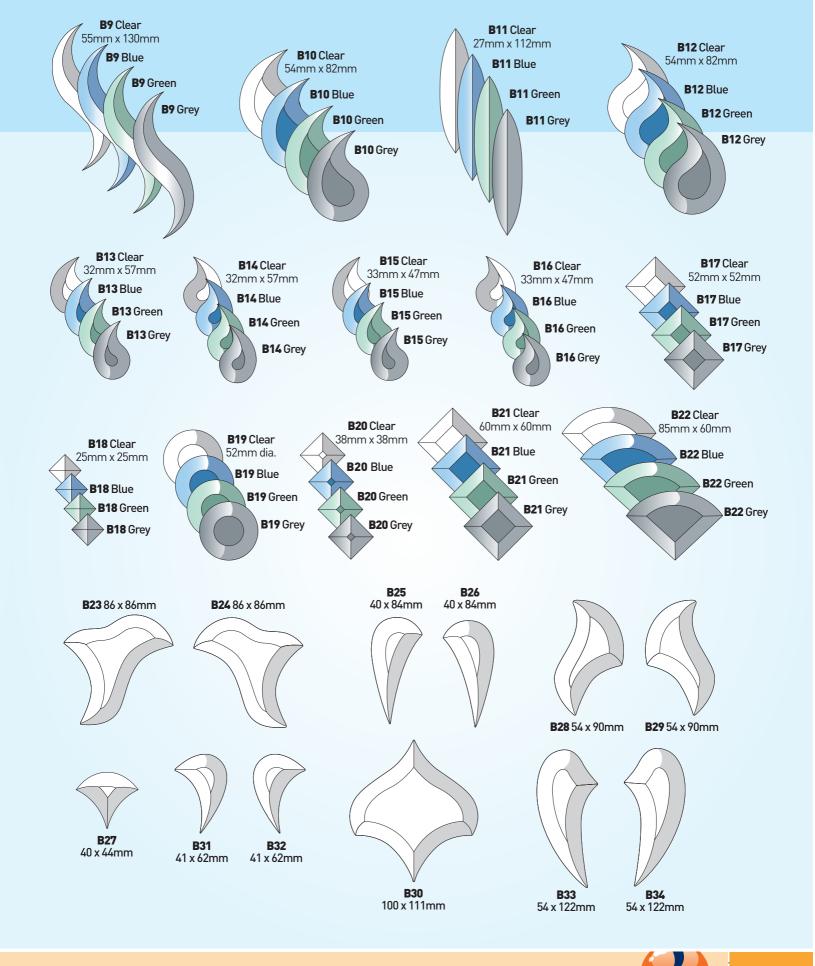
 \odot

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.**





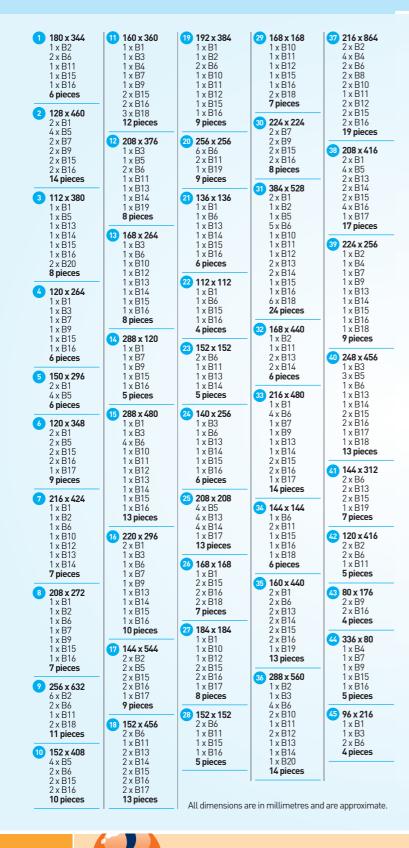


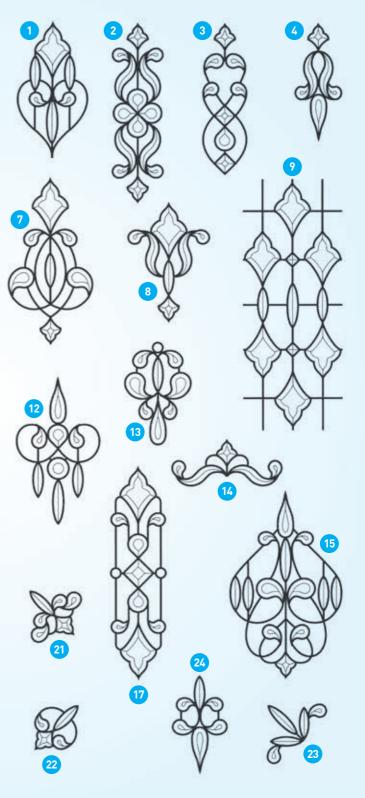
REGALEAD | DECORATIVE OVERLAY SYSTEMS

A61

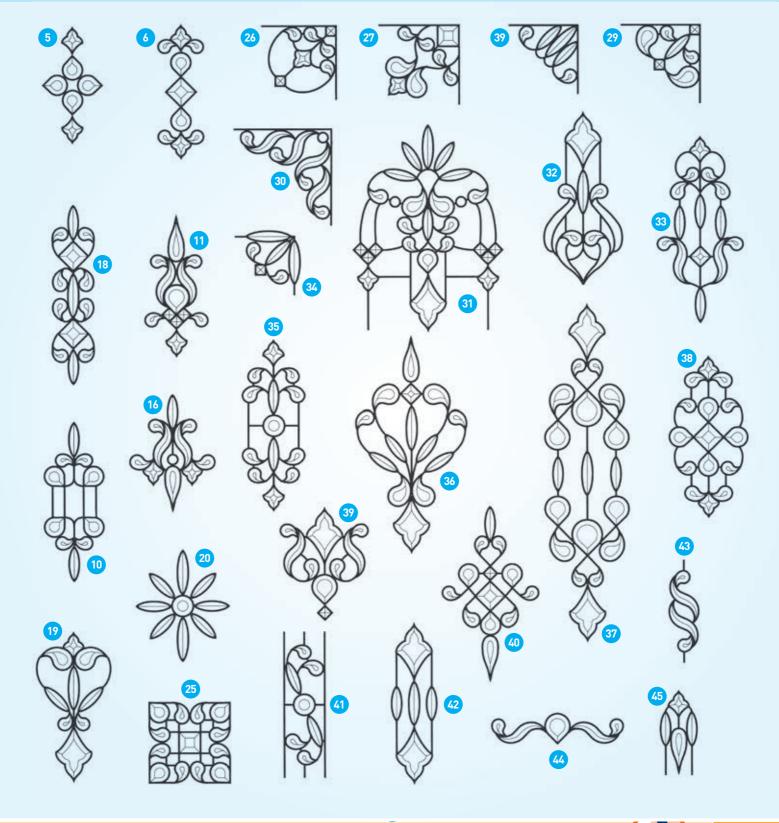
possibilities! The Designer Collection ...endless

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.



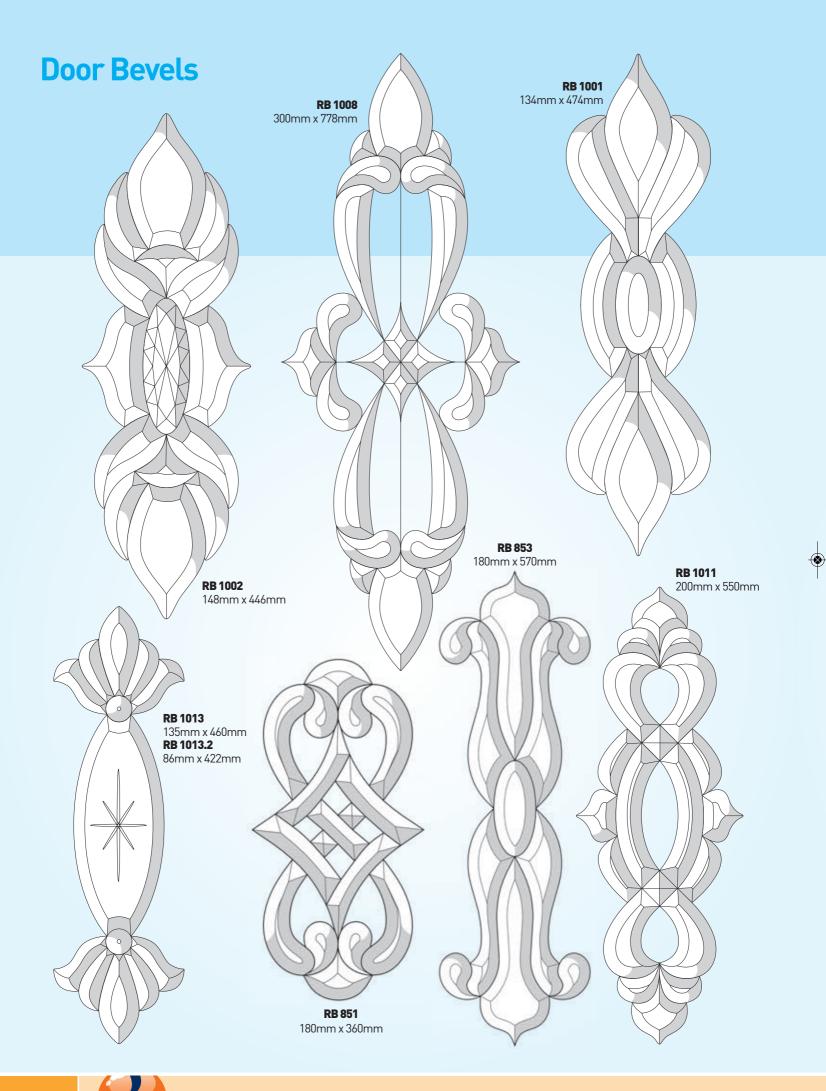


I



۲





REGALEAD | DECORATIVE OVERLAY SYSTEMS

_

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

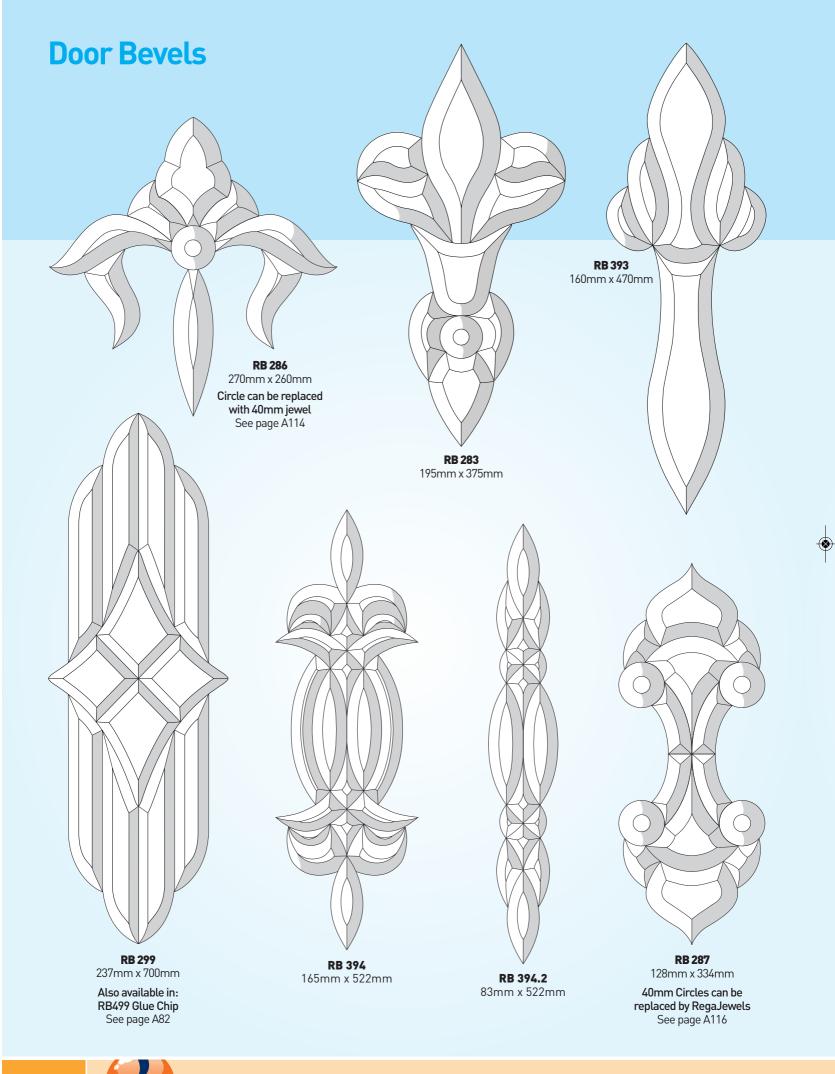


REGALEAD | DECORATIVE OVERLAY SYSTEMS

A65

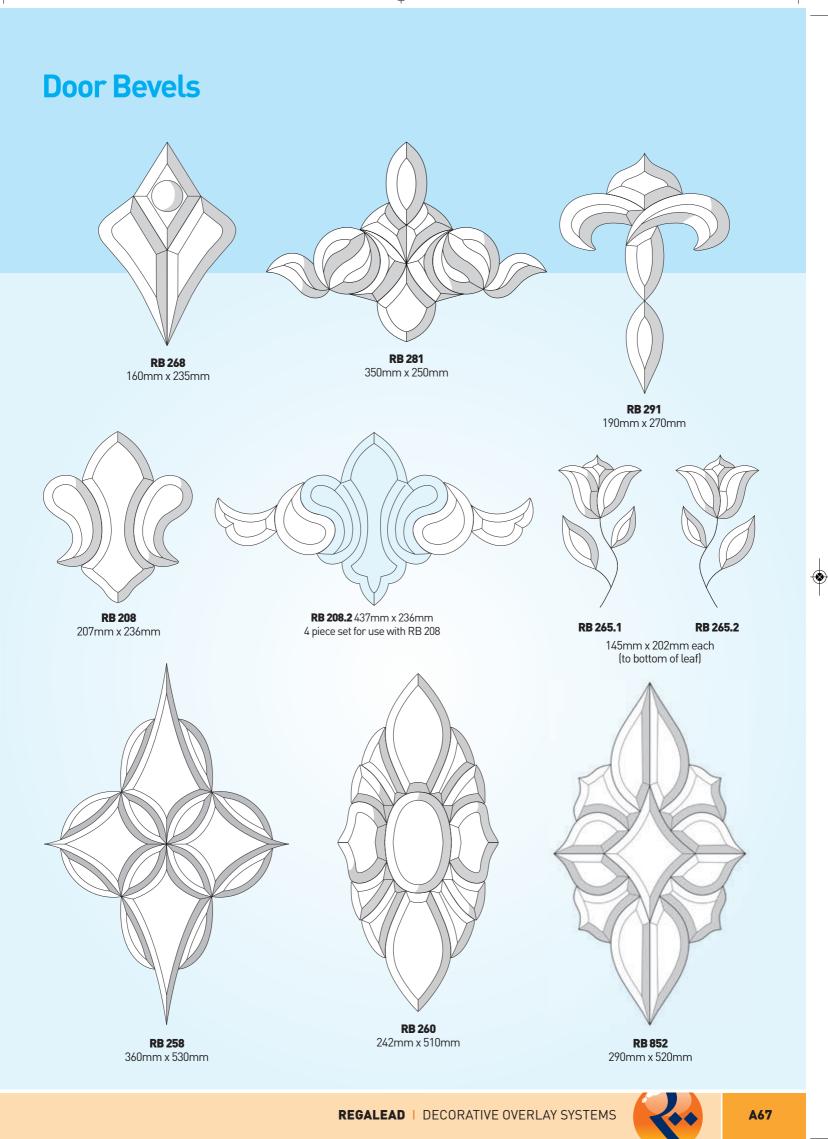
۲



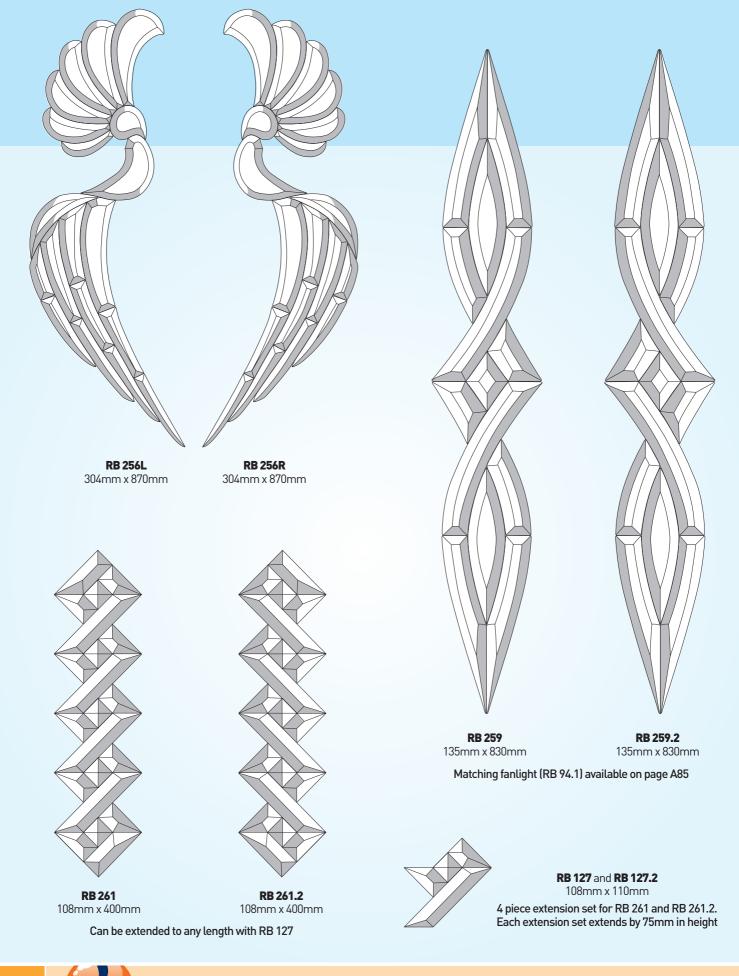




&--







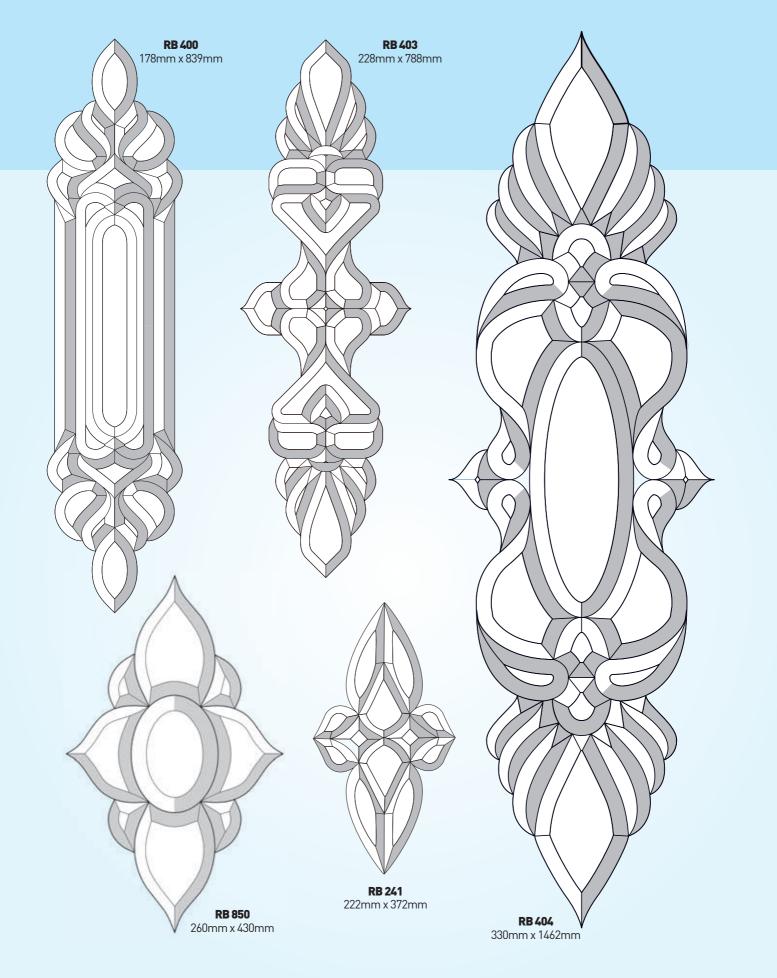
۲



REGALEAD | DECORATIVE OVERLAY SYSTEMS

Door Bevels

۲

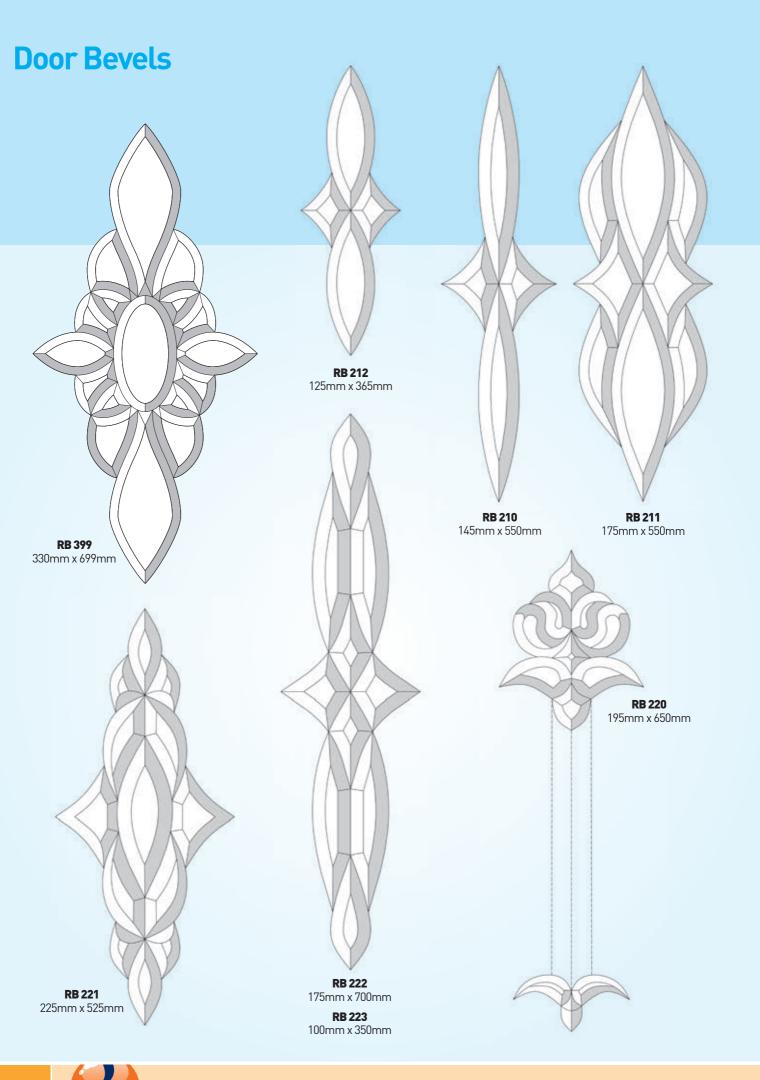


.

REGALEAD | DECORATIVE OVERLAY SYSTEMS

_

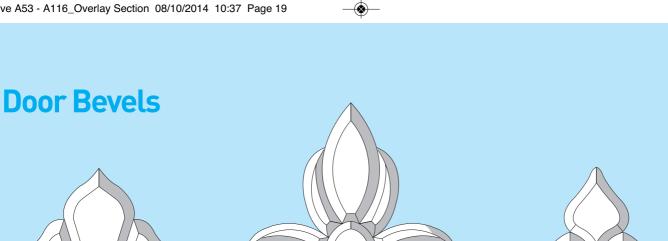


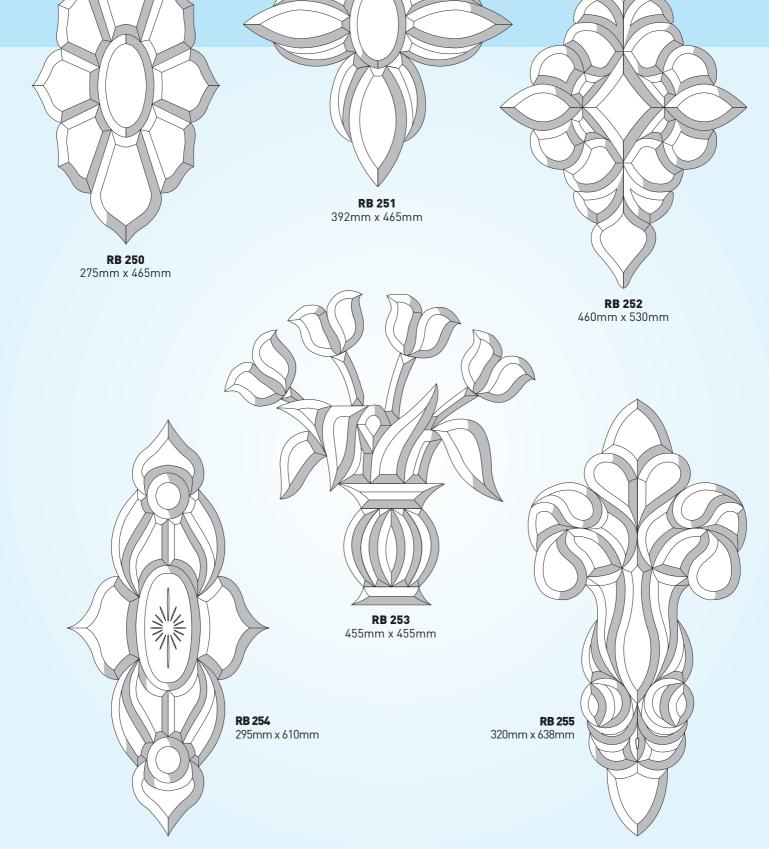


(پ

REGALEAD | DECORATIVE OVERLAY SYSTEMS

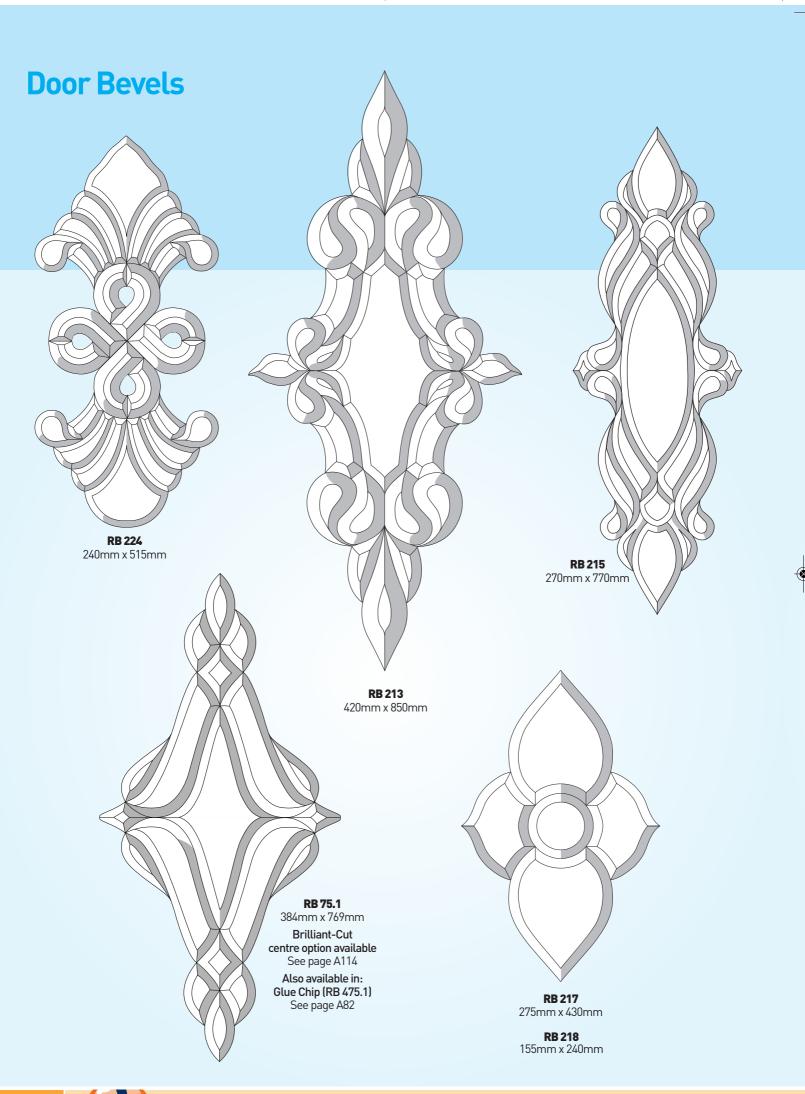
۲





۲

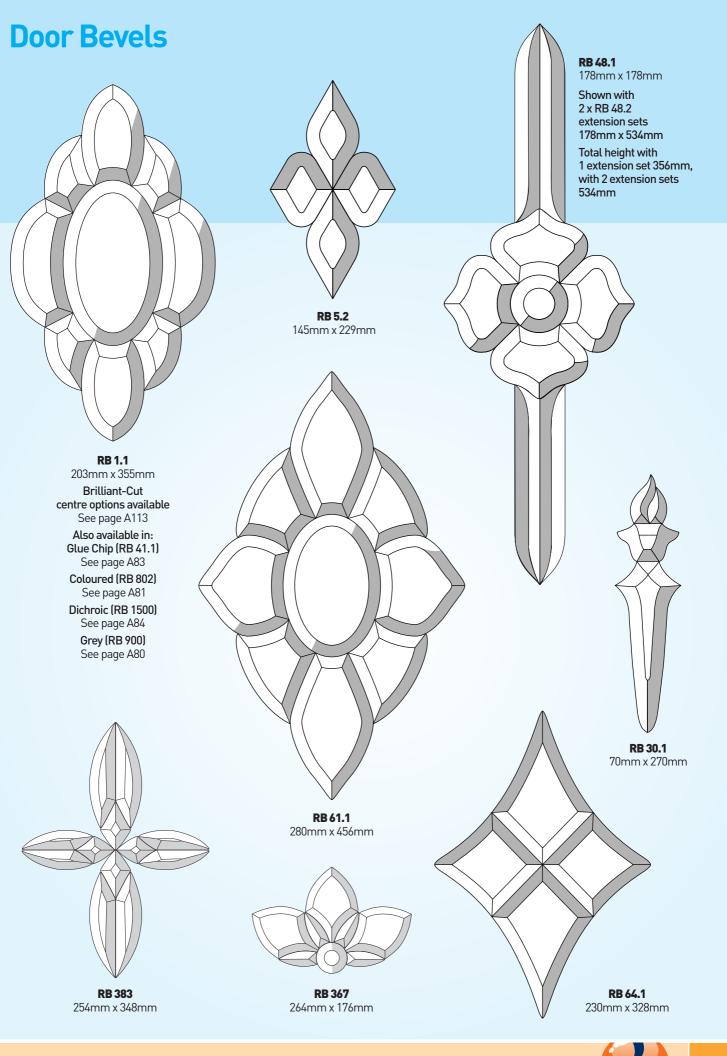




۵)

REGALEAD | DECORATIVE OVERLAY SYSTEMS

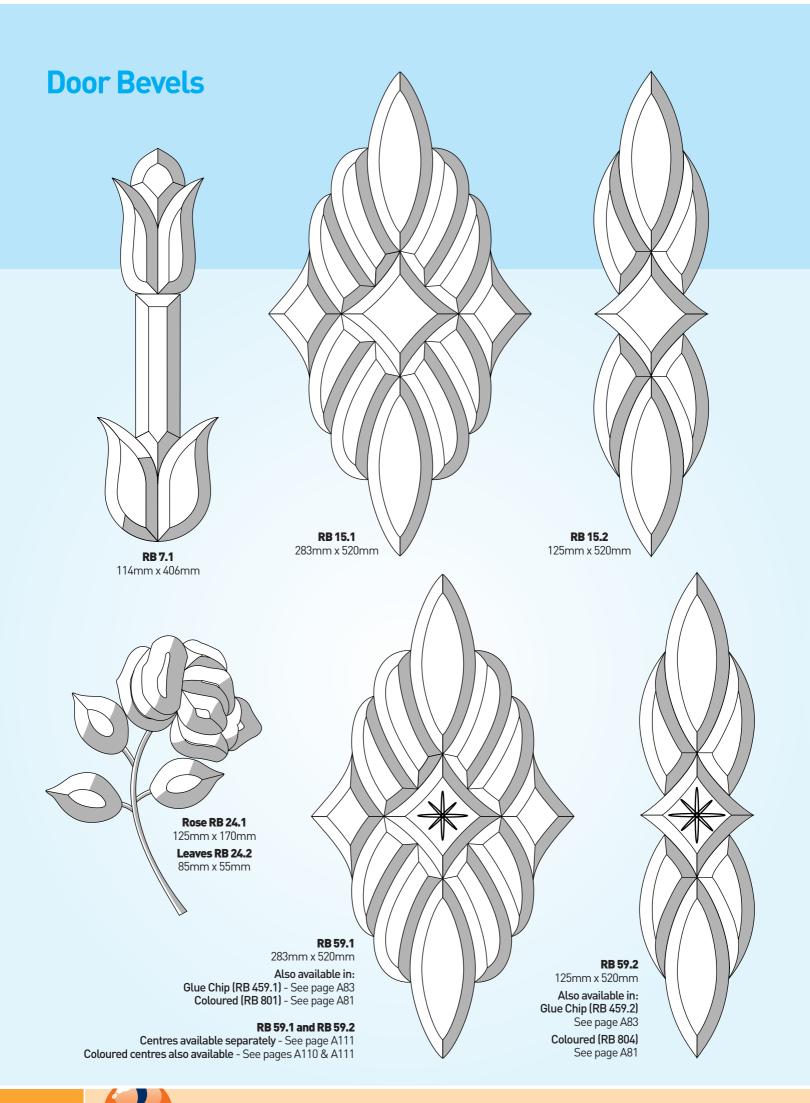
۲



REGALEAD | DECORATIVE OVERLAY SYSTEMS

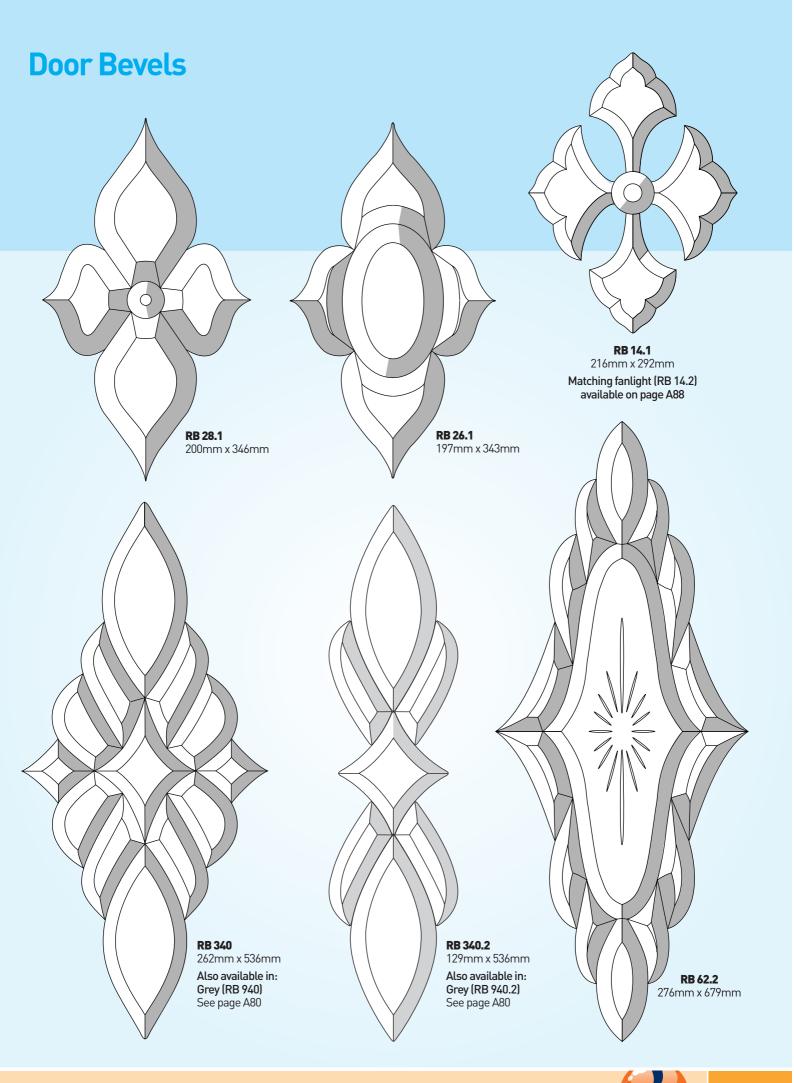
-**(\$**)--





۲

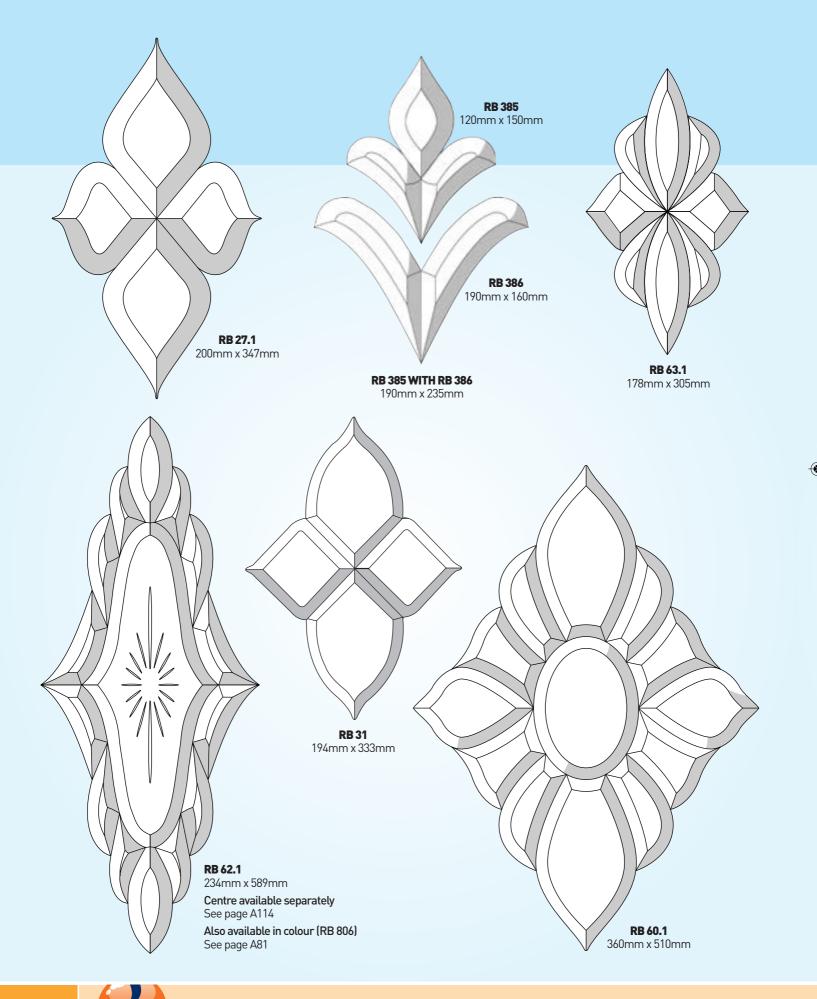
-



- **(**

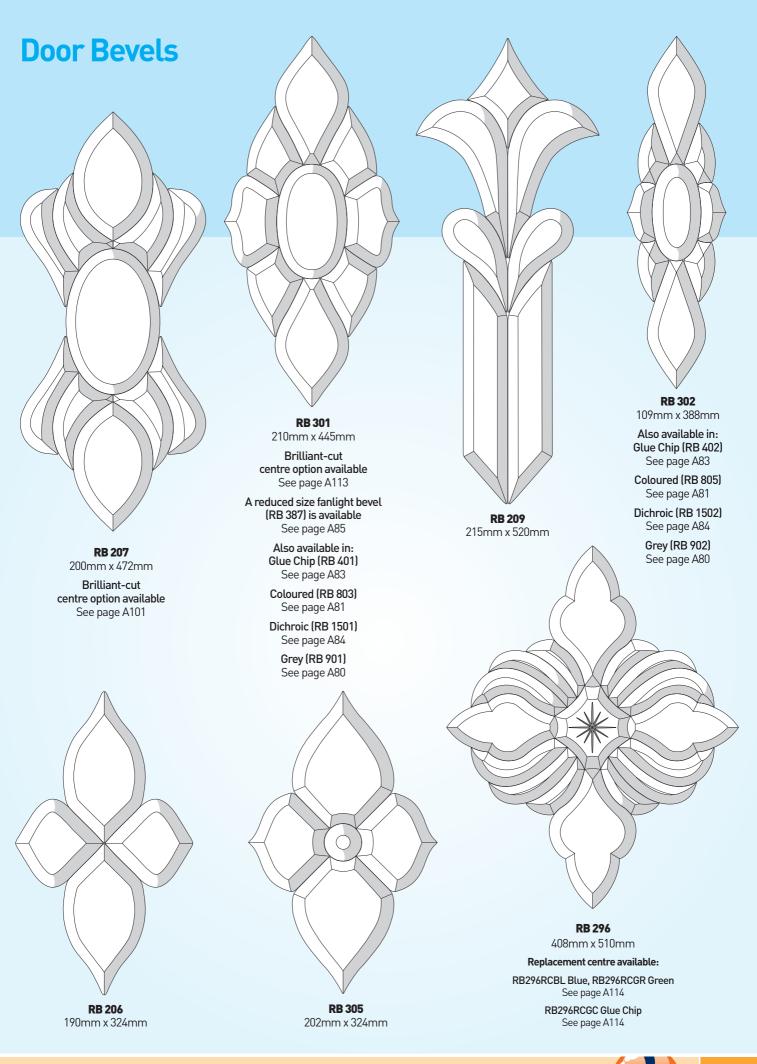


Door Bevels



۲

_



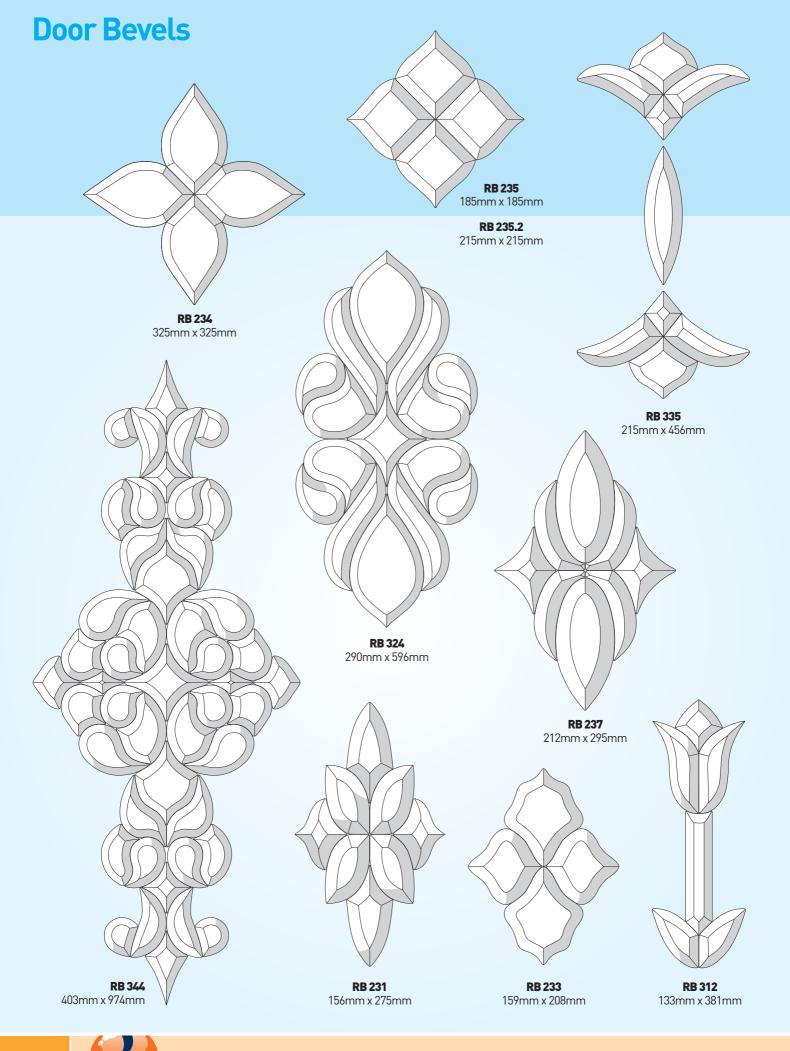
REGALEAD | DECORATIVE OVERLAY SYSTEMS

۲



A77



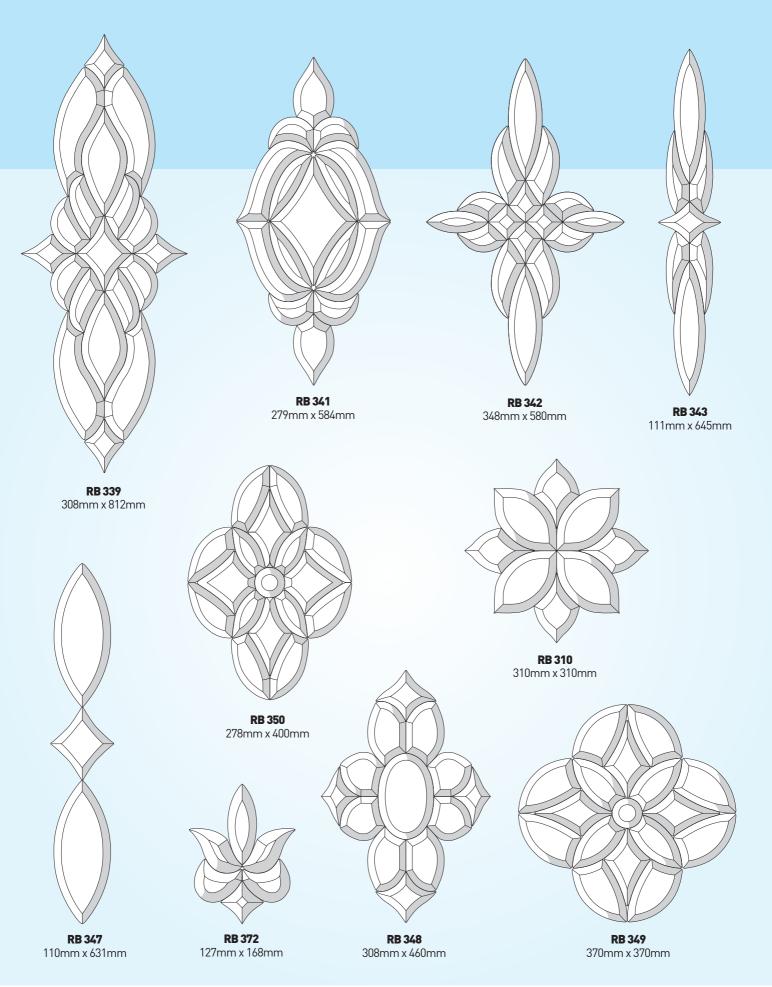


REGALEAD | DECORATIVE OVERLAY SYSTEMS

۲

Door Bevels

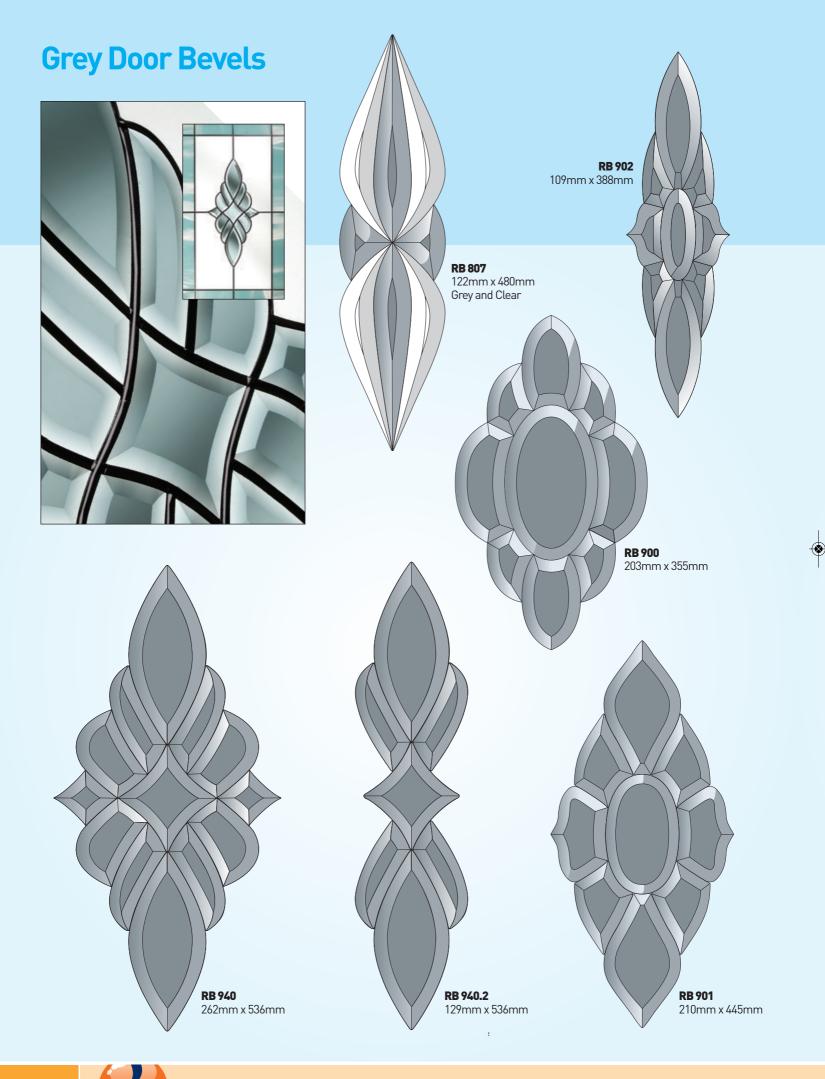
۲



REGALEAD | DECORATIVE OVERLAY SYSTEMS

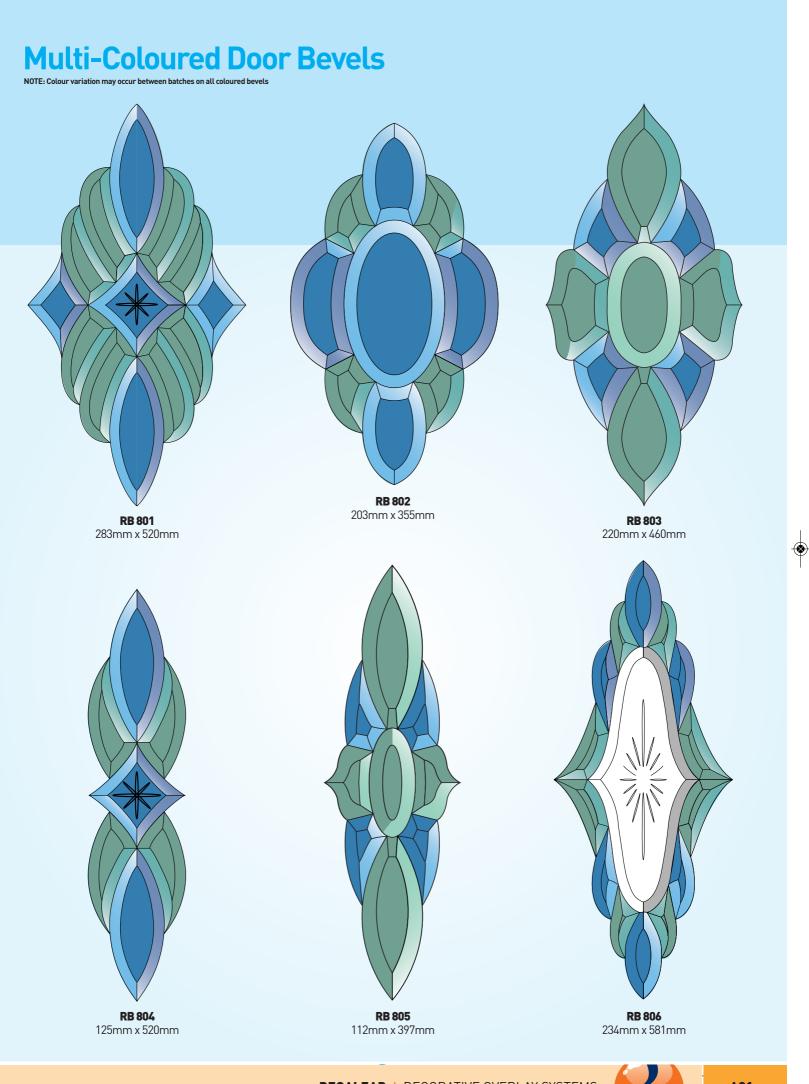
(🕸





REGALEAD | DECORATIVE OVERLAY SYSTEMS

۲



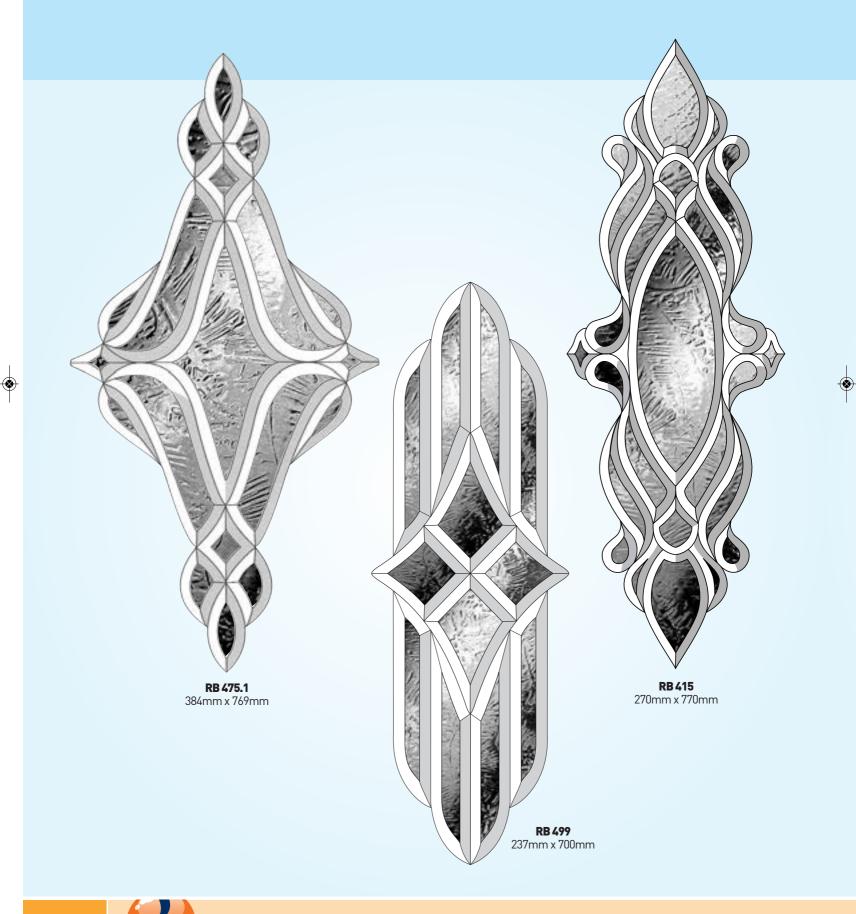
REGALEAD | DECORATIVE OVERLAY SYSTEMS

I

A81

Glue Chip Door Bevels

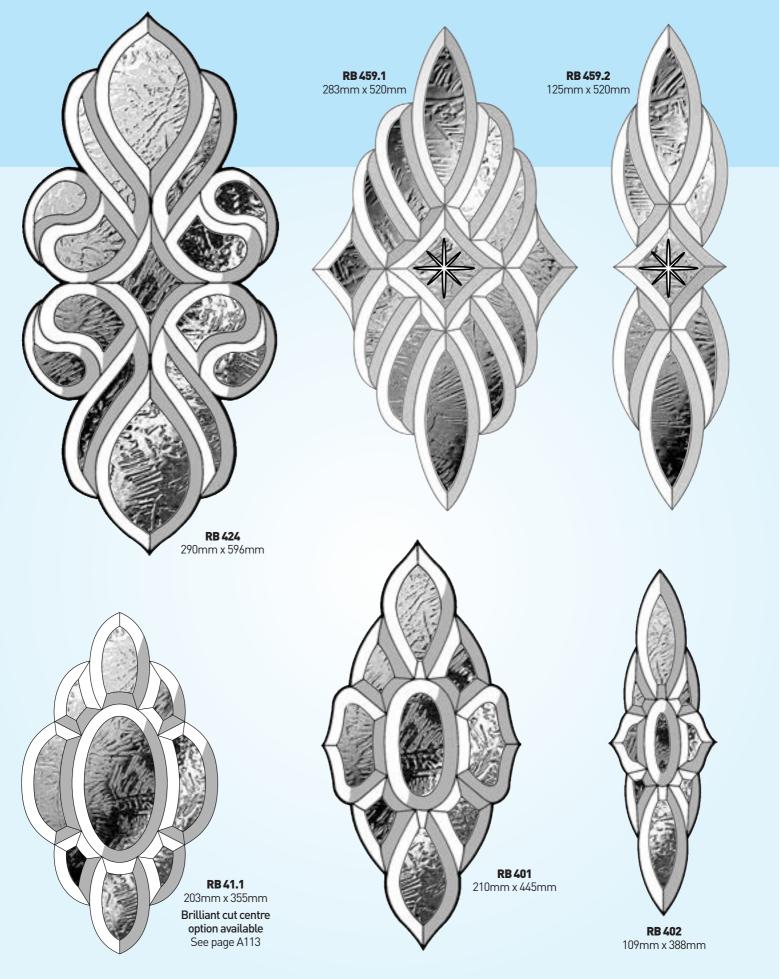
RegaLead Glue Chip finish is created by employing the authentic age-old traditional technique of applying a strong glue coating to the surface of the glass and then removing it to leave the distinctive textured appearance.



-

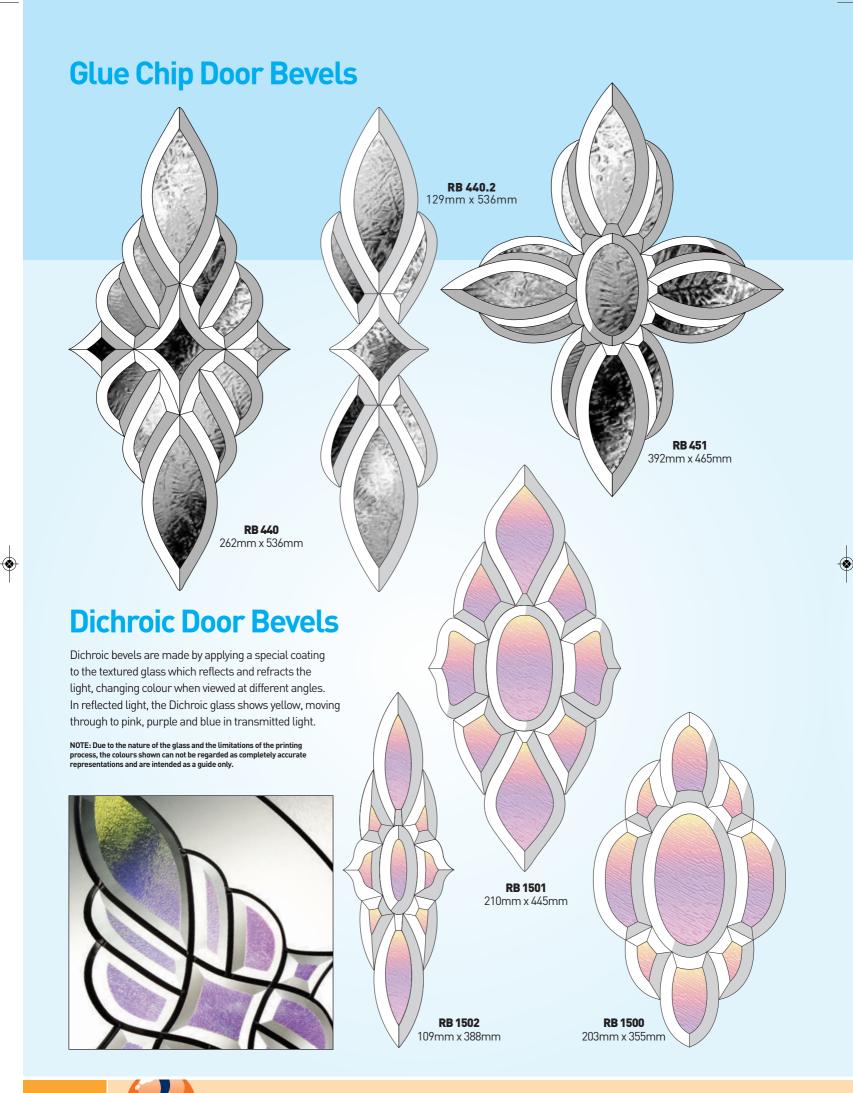
Glue Chip Door Bevels

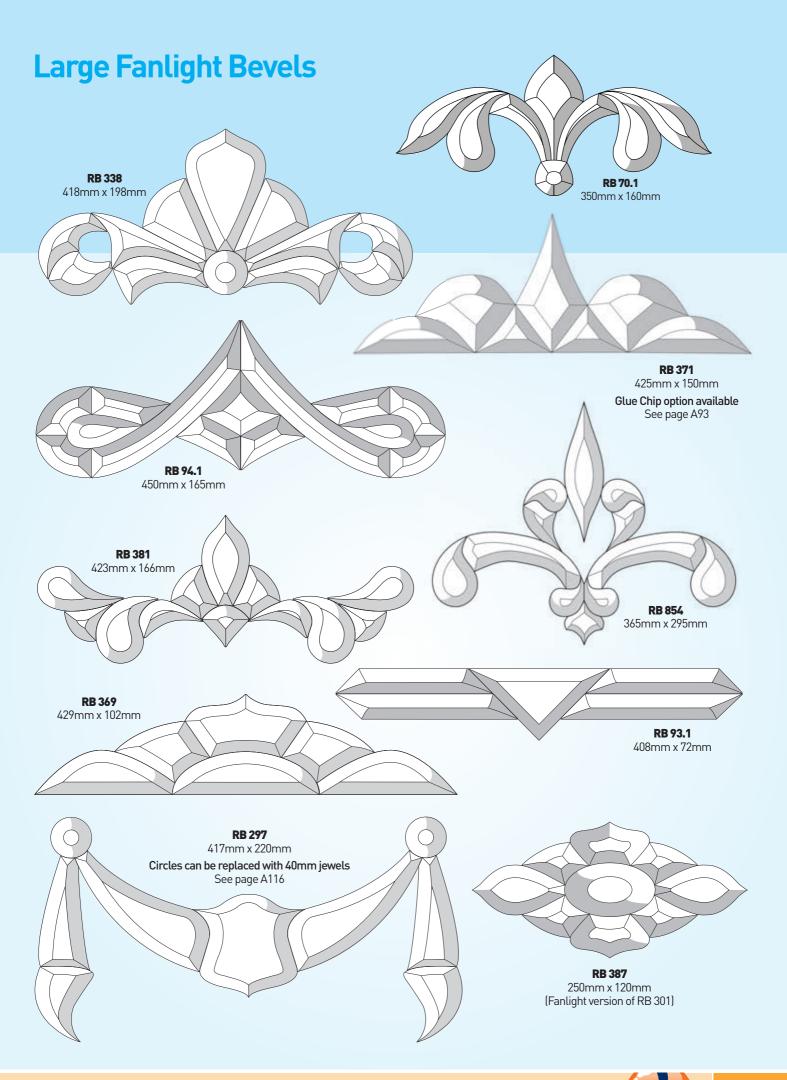
۲



(🕸





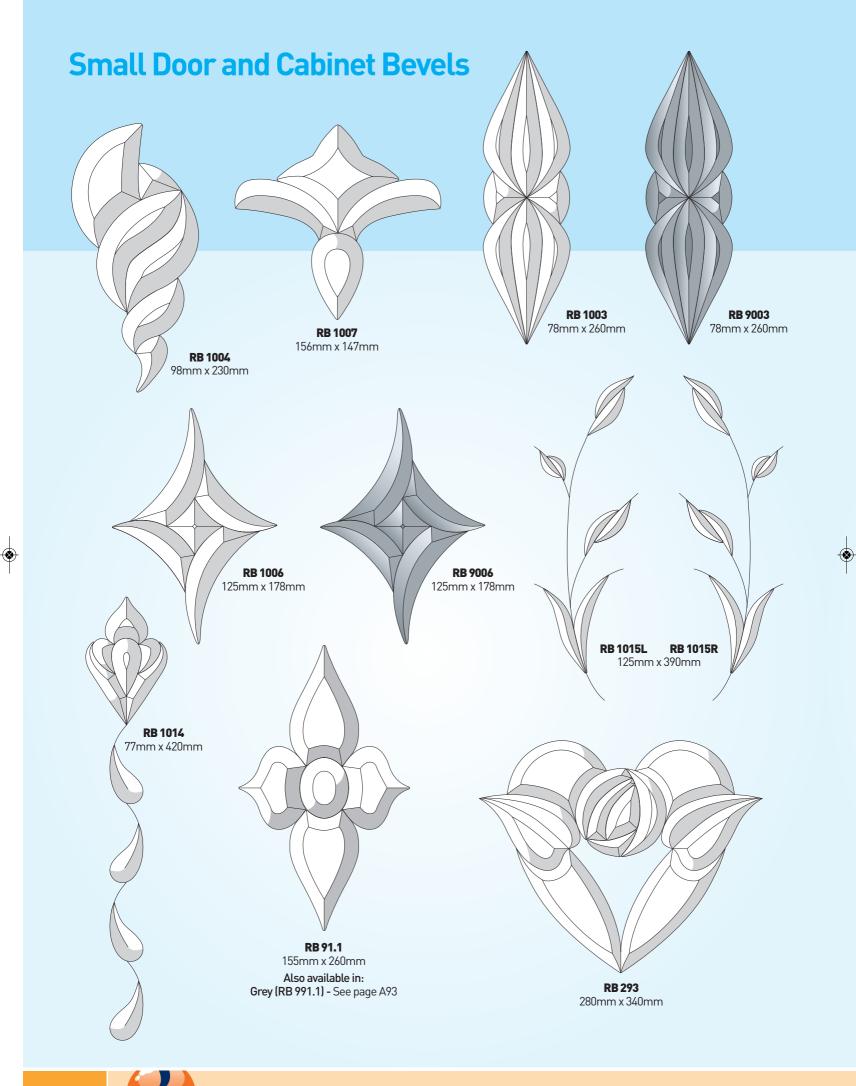


۲

REGALEAD | DECORATIVE OVERLAY SYSTEMS

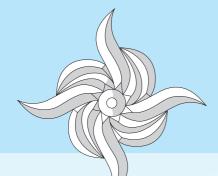




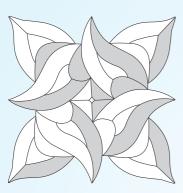


REGALEAD | DECORATIVE OVERLAY SYSTEMS

Fanlight Bevels

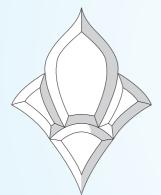


RB 280 274mm x 274mm

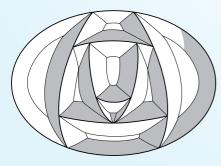


RB 284 150mm x 150mm

۲



RB 246 126mm x 170mm

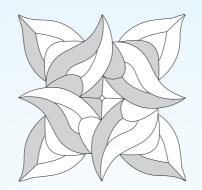


RB 88.1 Mackintosh Style Rose 162mm x 116mm

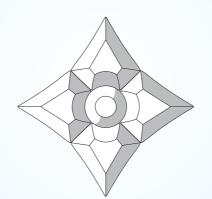


۵)

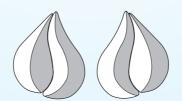
RB 280.2 274mm x 274mm



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

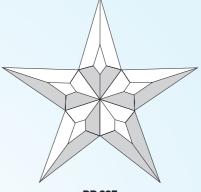


RB 95.2 Mackintosh Style Leaves Pair of 2 piece leaves each 40mm x 50mm

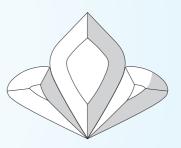
۲



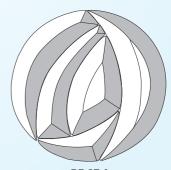
RB 290 183mm x 234mm Seamed



RB 285 204mm x 204mm



RB 267 120mm x 95mm

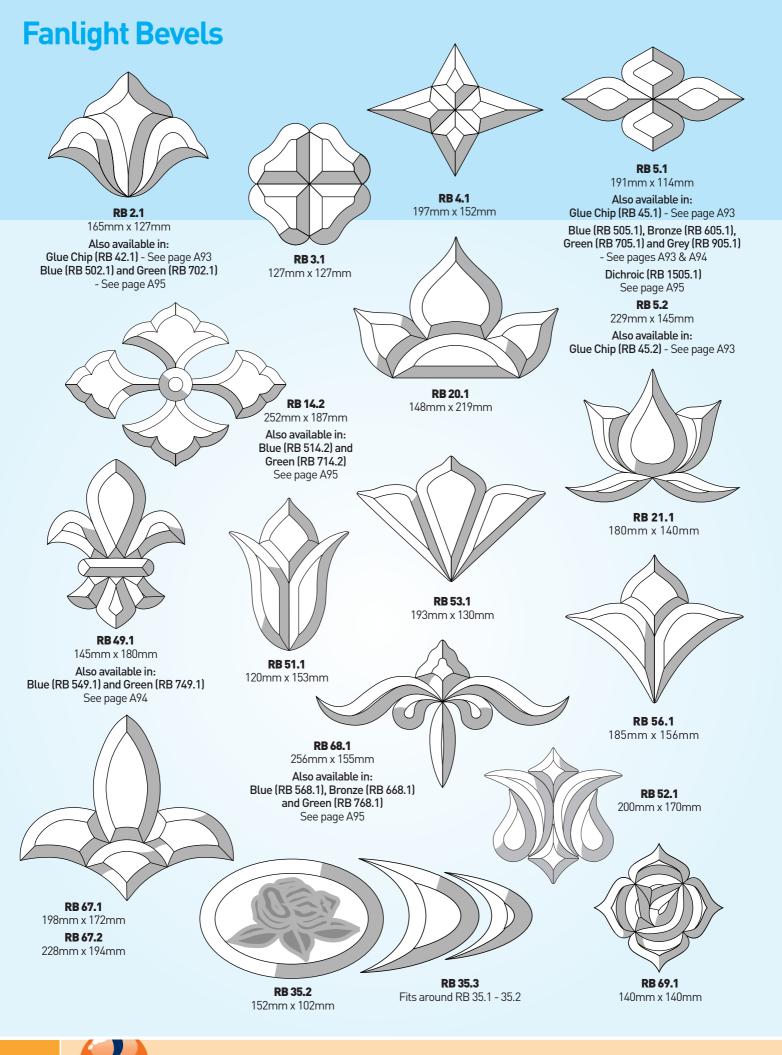


RB 95.1 Mackintosh Style Rose 110mm Diameter

REGALEAD | DECORATIVE OVERLAY SYSTEMS



-

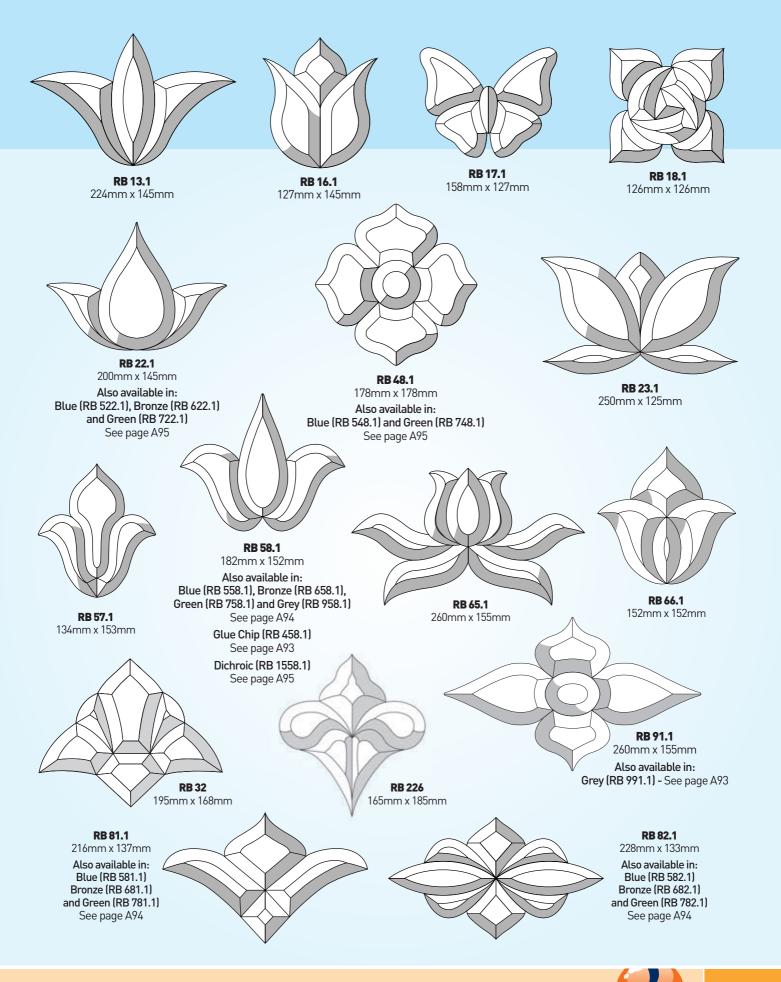


REGALEAD | DECORATIVE OVERLAY SYSTEMS

۲

Fanlight Bevels

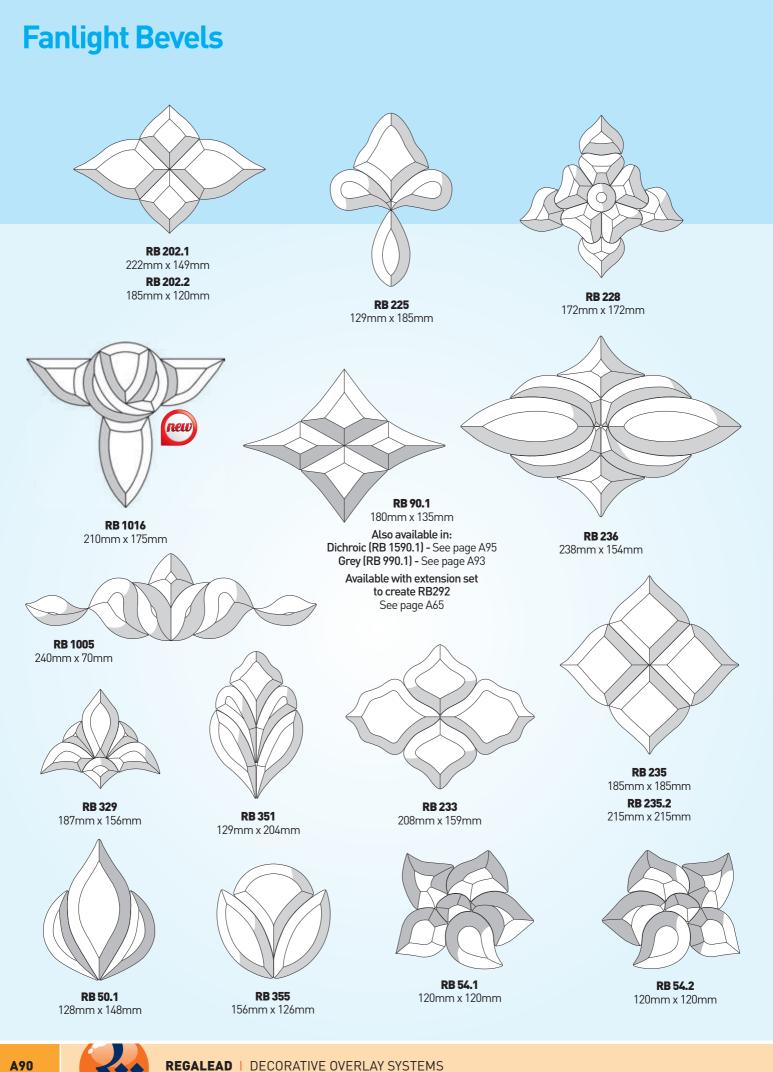
۲



۲

۲

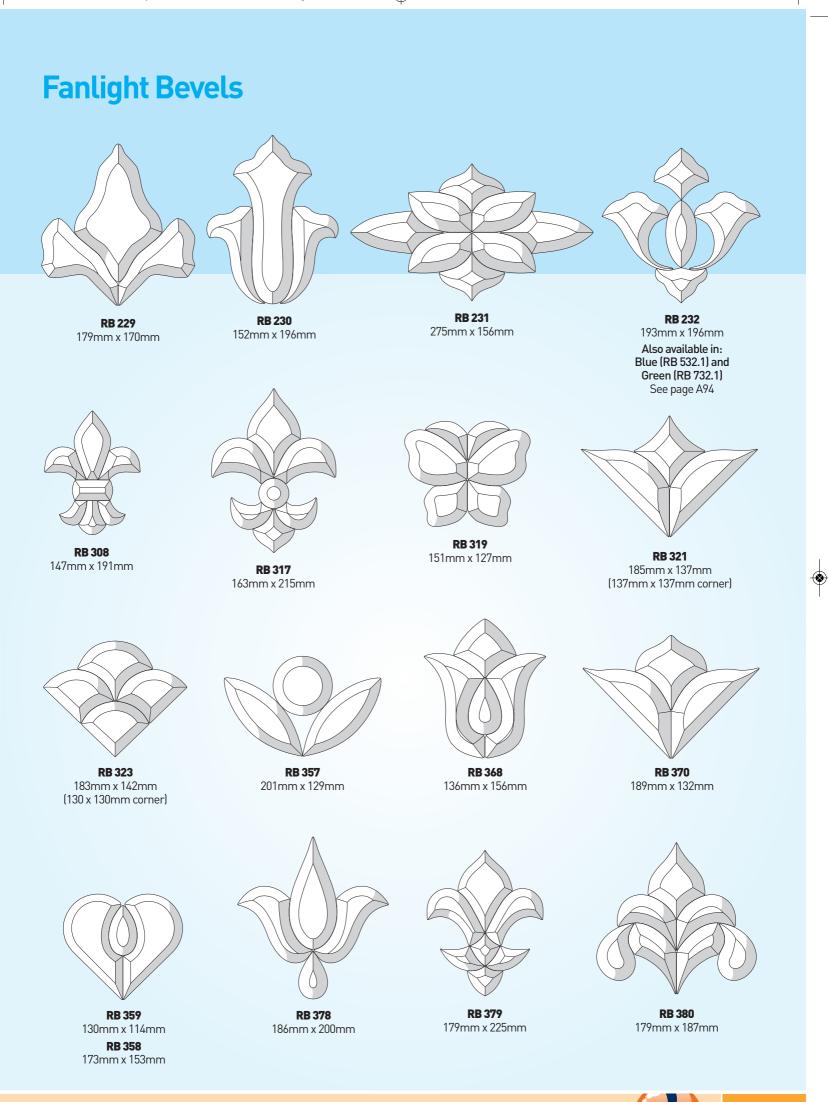




۵)

REGALEAD | DECORATIVE OVERLAY SYSTEMS

__

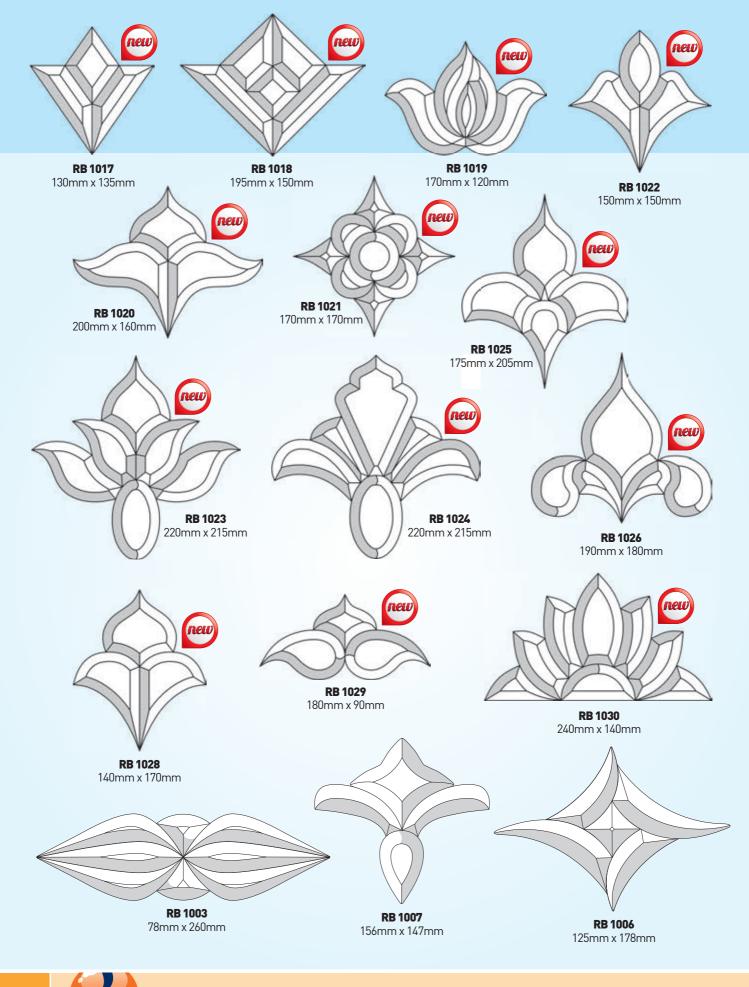


REGALEAD | DECORATIVE OVERLAY SYSTEMS

۲

A91

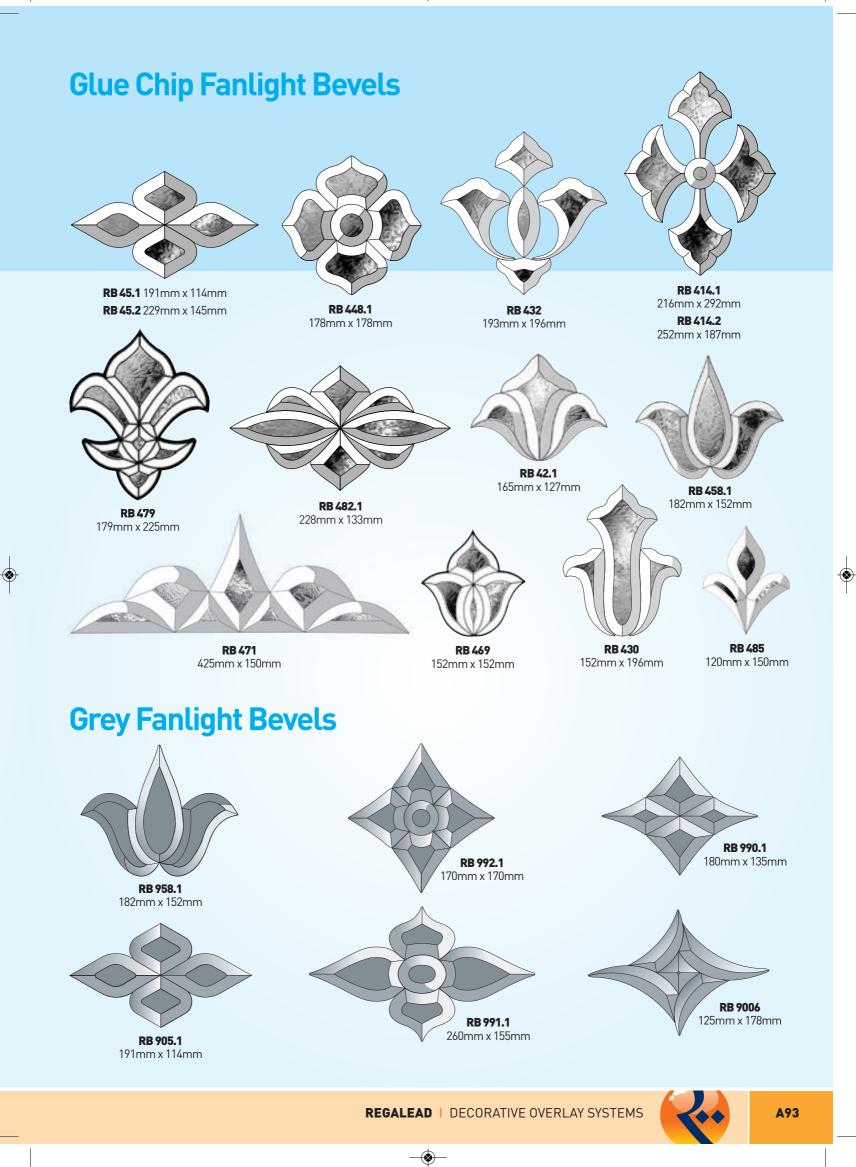
Fanlight Bevels

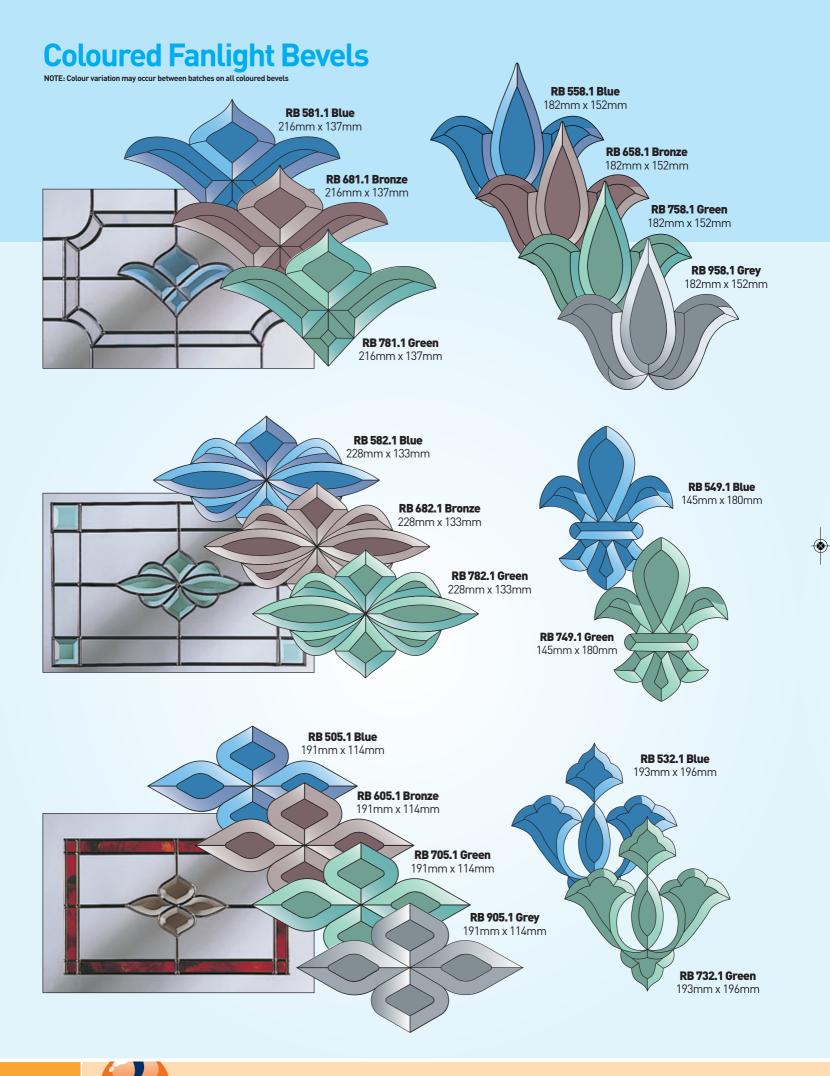


۲

REGALEAD | DECORATIVE OVERLAY SYSTEMS

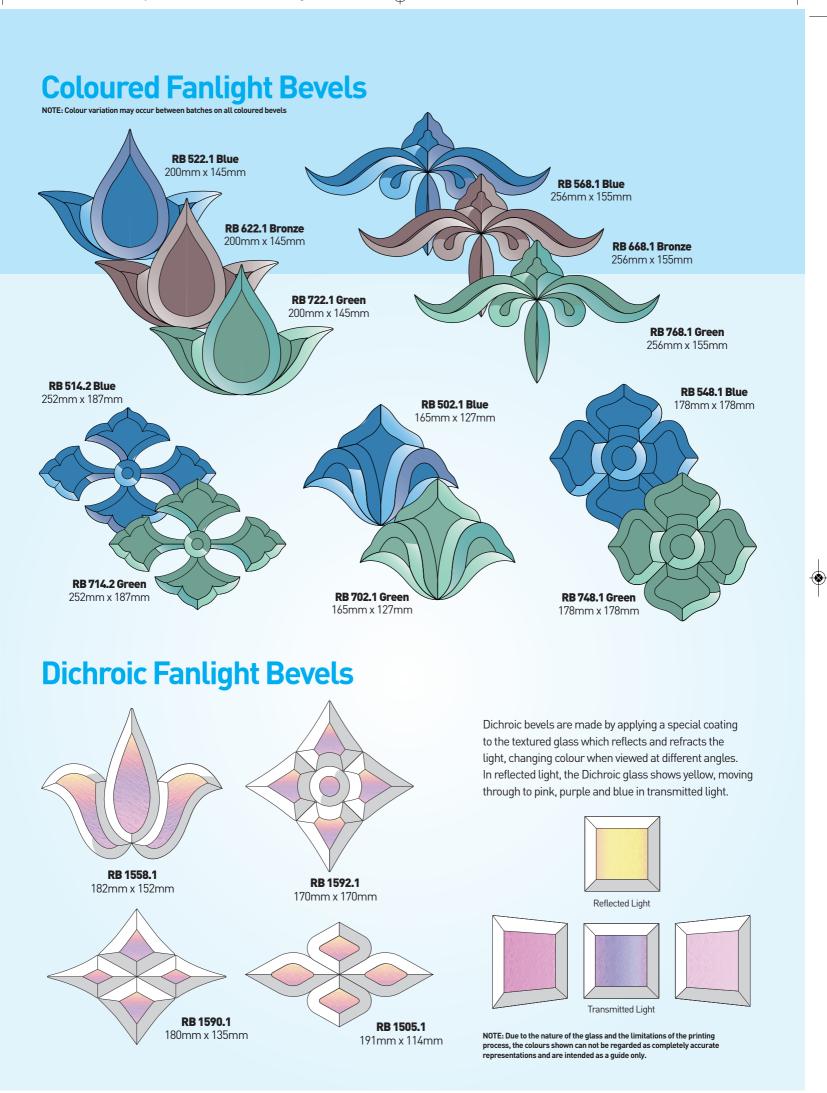
۲





-**(**

REGALEAD | DECORATIVE OVERLAY SYSTEMS



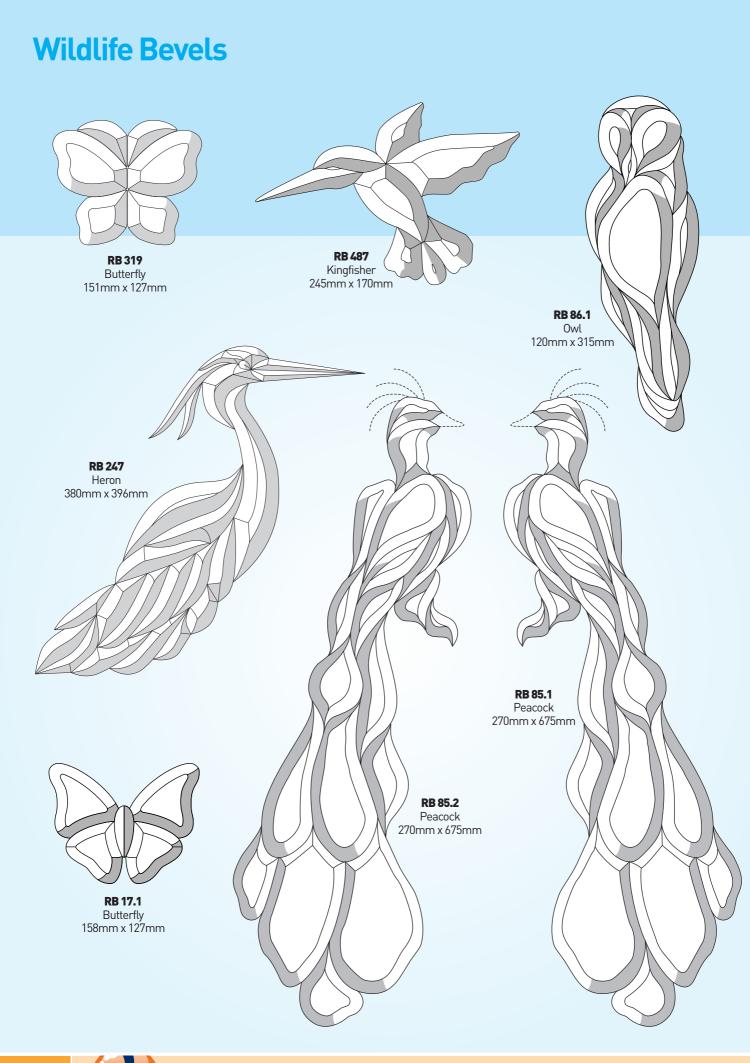
۲

REGALEAD | DECORATIVE OVERLAY SYSTEMS

®-

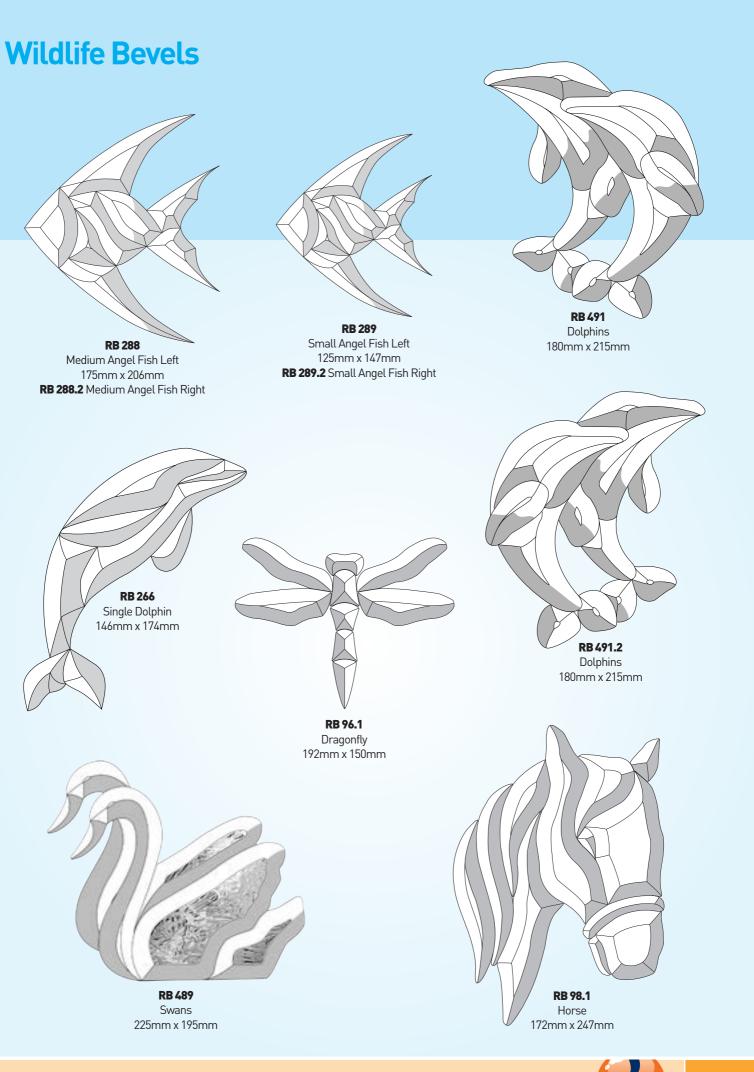


Page 44 -



۲

۲



REGALEAD | DECORATIVE OVERLAY SYSTEMS

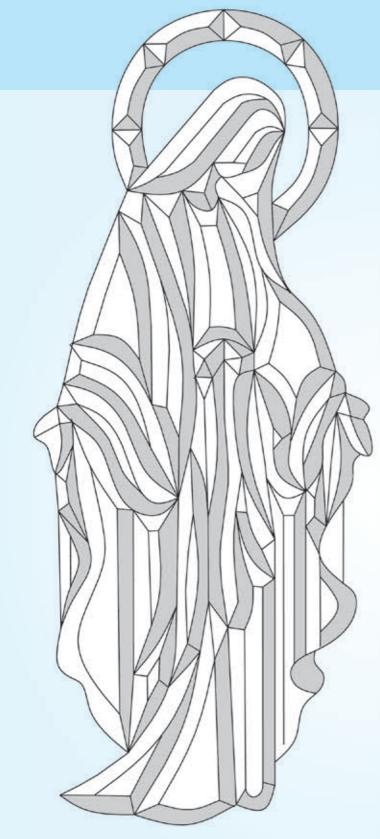
۲

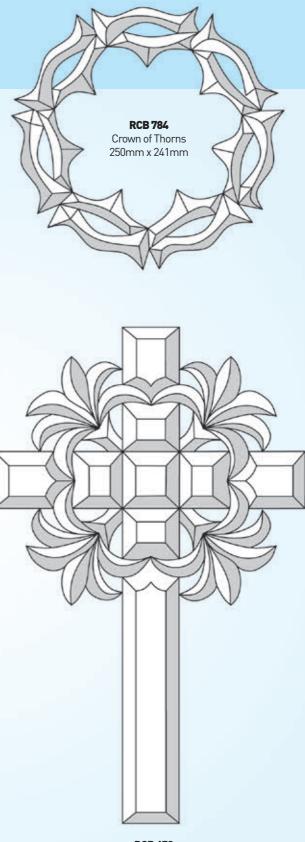


Christian Symbol Bevels

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

۲





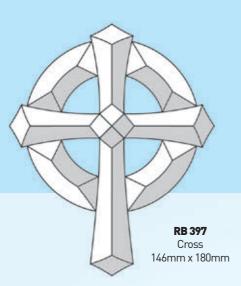
۲

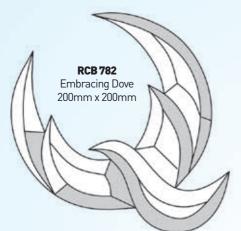
RCB 450 Cross with Lillies 286mm x 457mm

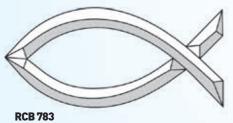
RCB 448 Virgin Mary 310mm x 750mm

۲





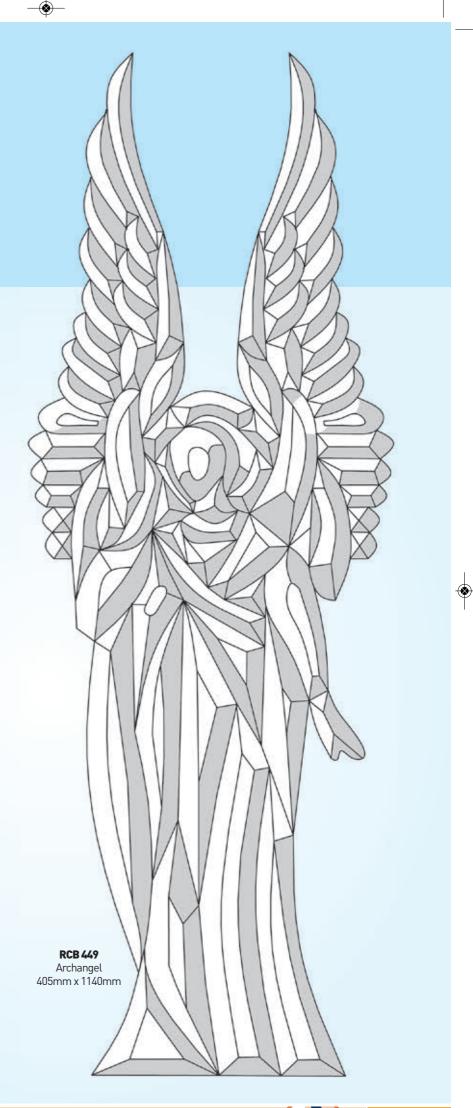




Faith Fish 200mm x 91mm

۲





REGALEAD | DECORATIVE OVERLAY SYSTEMS



World Symbol Bevels

All bevels featured on this page are seamed edge.



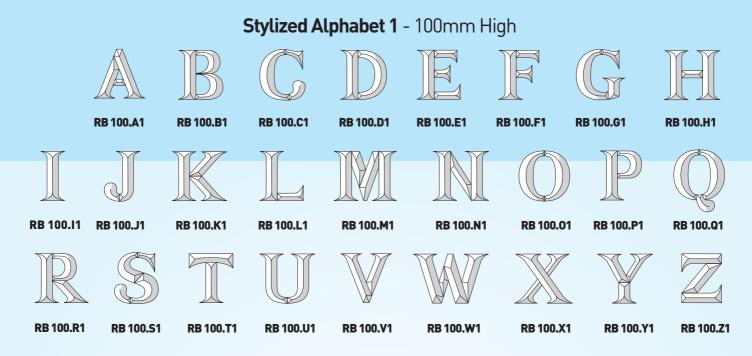
۵)

A100

۲

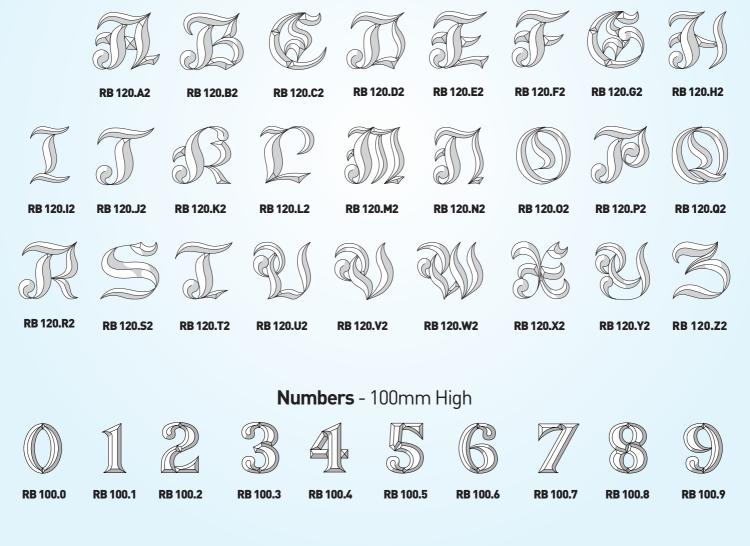
REGALEAD | DECORATIVE OVERLAY SYSTEMS

Alphabet and Number Bevels



(:

Stylized Alphabet 2 - 120mm High



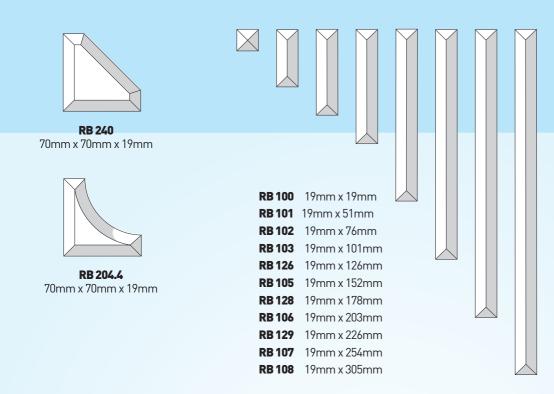


A101

Border, Corner and Pencil Bevels

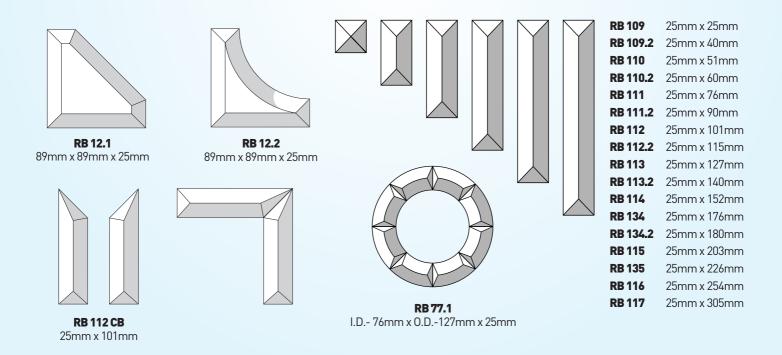
(🐼)

19mm Border System



Border, Corner and Pencil Bevels

25mm Border System



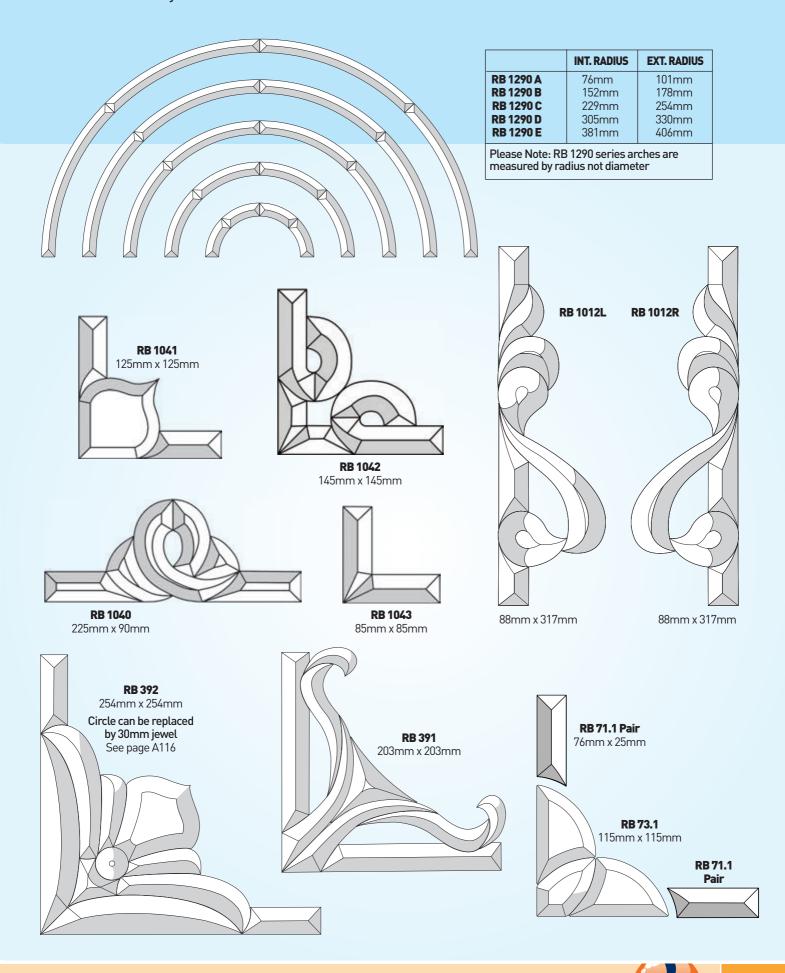
®-

REGALEAD | DECORATIVE OVERLAY SYSTEMS

Border, Corner and Pencil Bevels

25mm Border System

۲



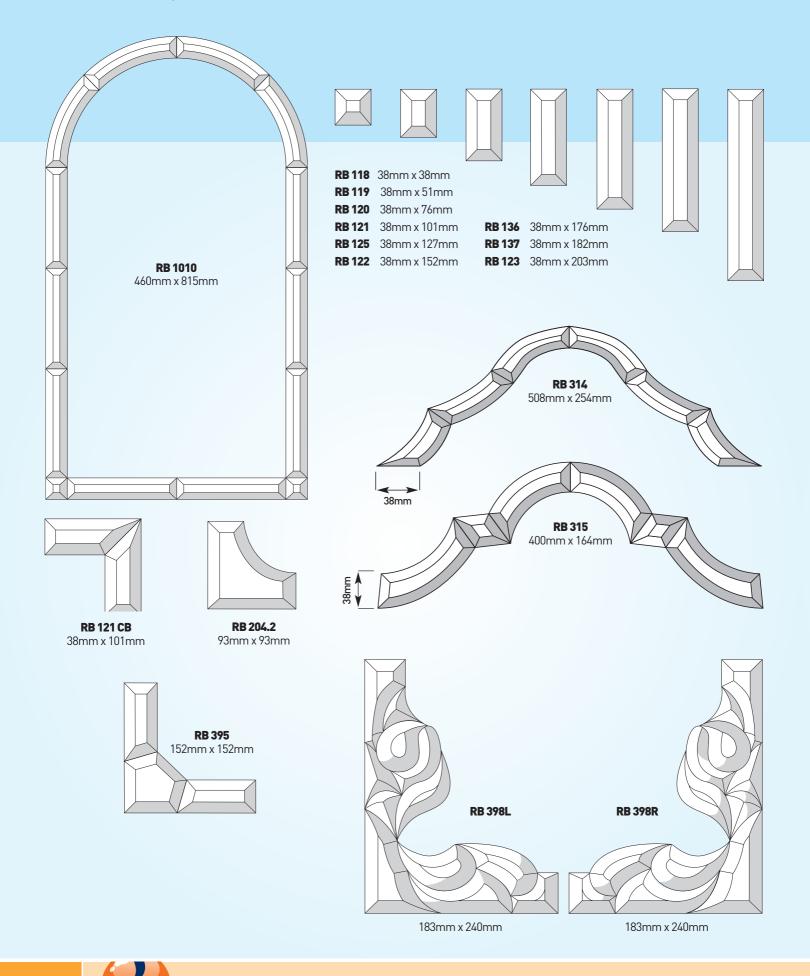
۲

REGALEAD | DECORATIVE OVERLAY SYSTEMS

A103

Border, Corner and Pencil Bevels

38mm Border System

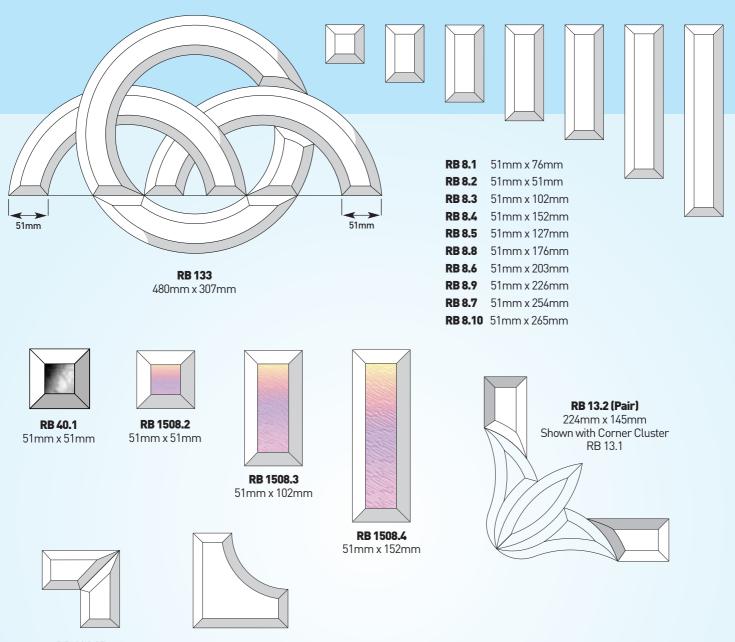


(ی)

۲

Border, Corner and Pencil Bevels

51mm Border System



۲

RB 124 CB 51mm x 101mm

۲

RB 204.1

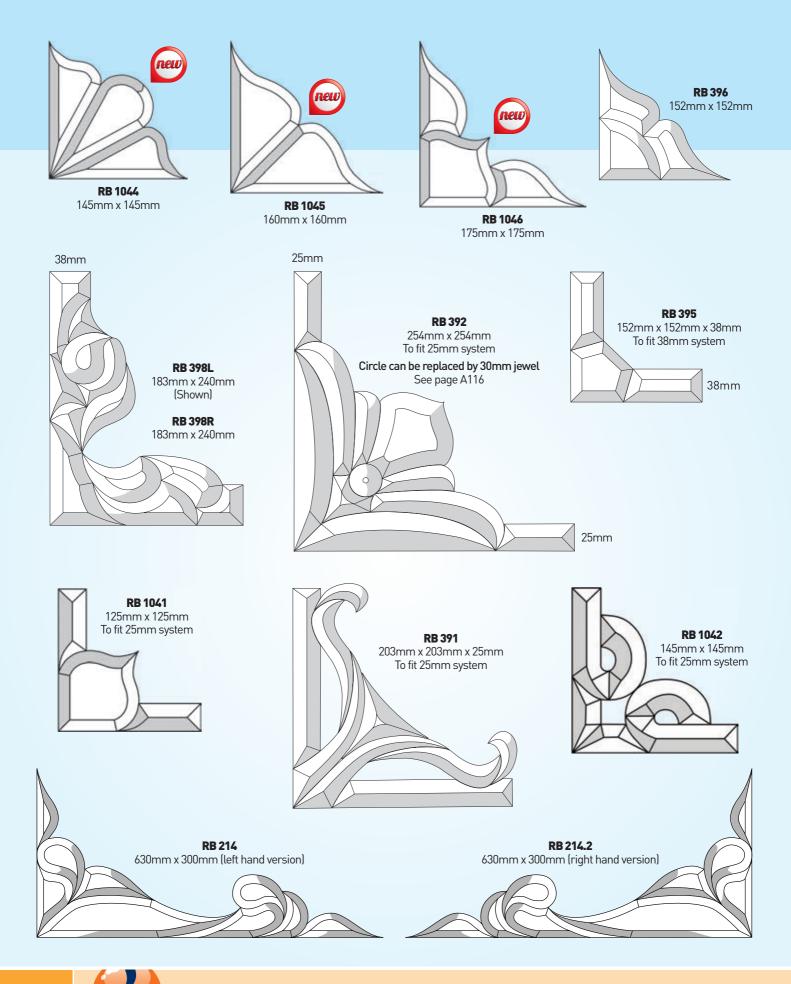
125mm x 125mm



A105

-

Corner Cluster Bevels

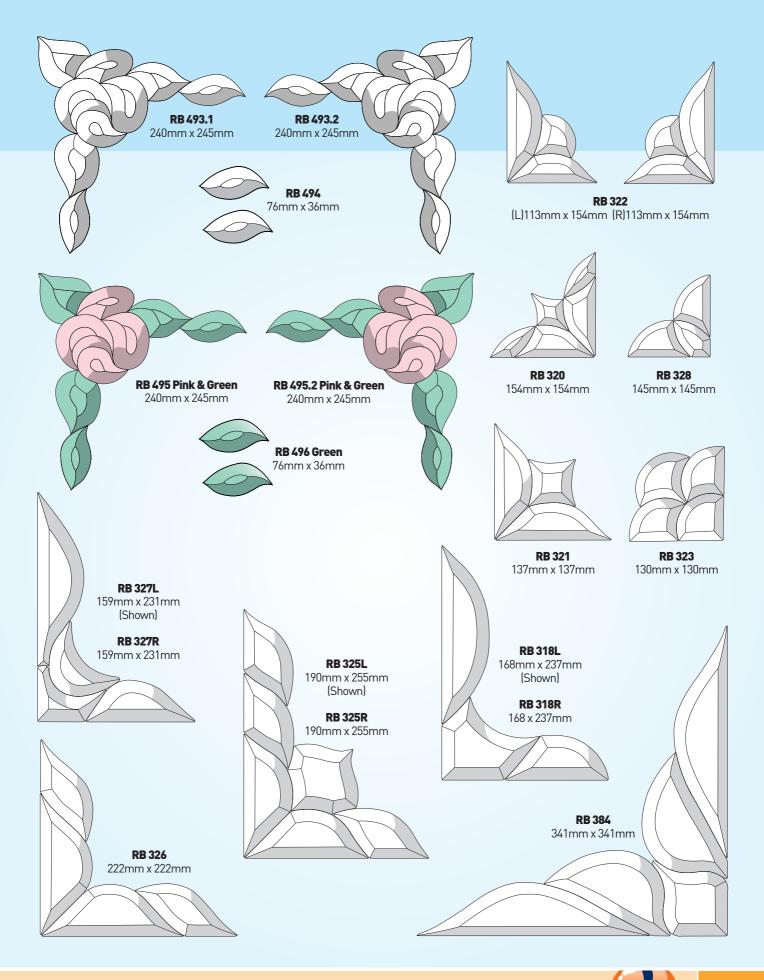


۲

REGALEAD | DECORATIVE OVERLAY SYSTEMS

_ی

Corner Cluster Bevels



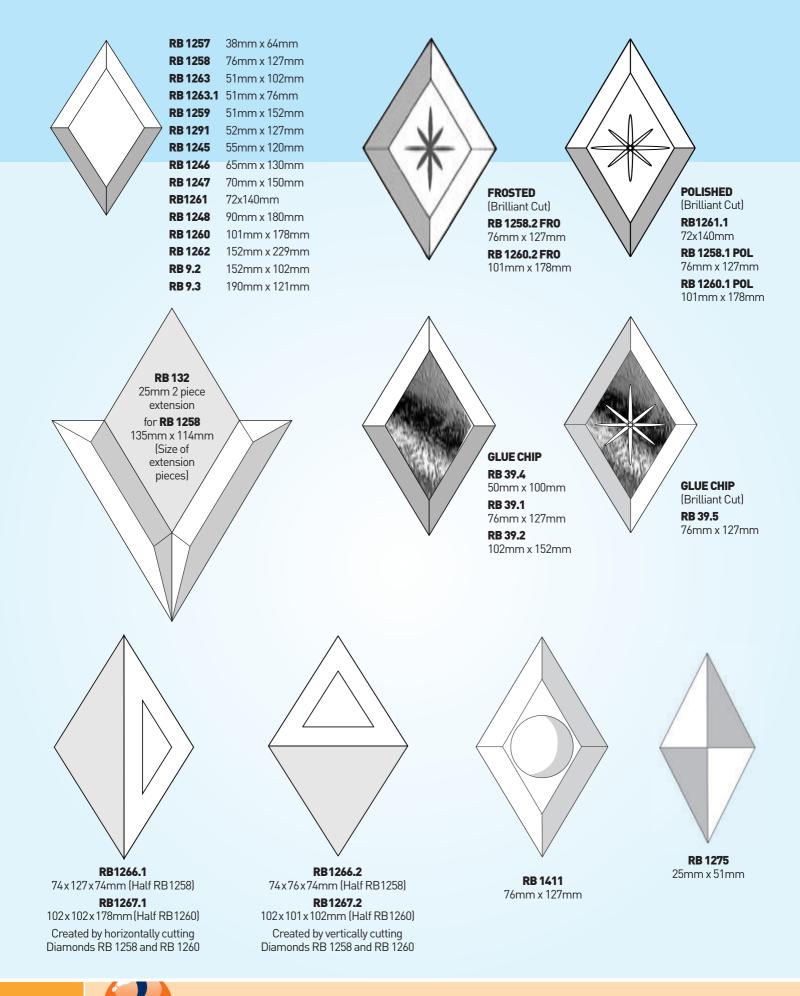
۲

REGALEAD | DECORATIVE OVERLAY SYSTEMS

®-

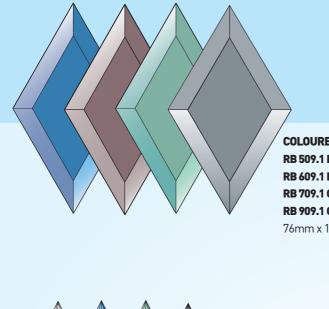
A107

Diamond Bevels

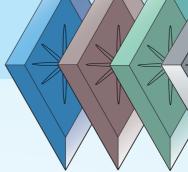


۲



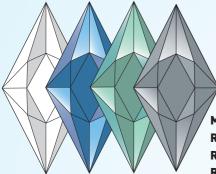






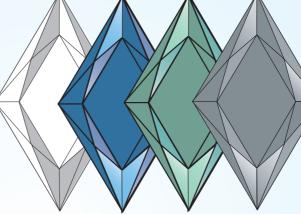
COLOURED

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



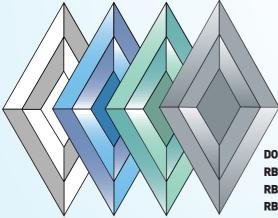
۲





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

۲



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

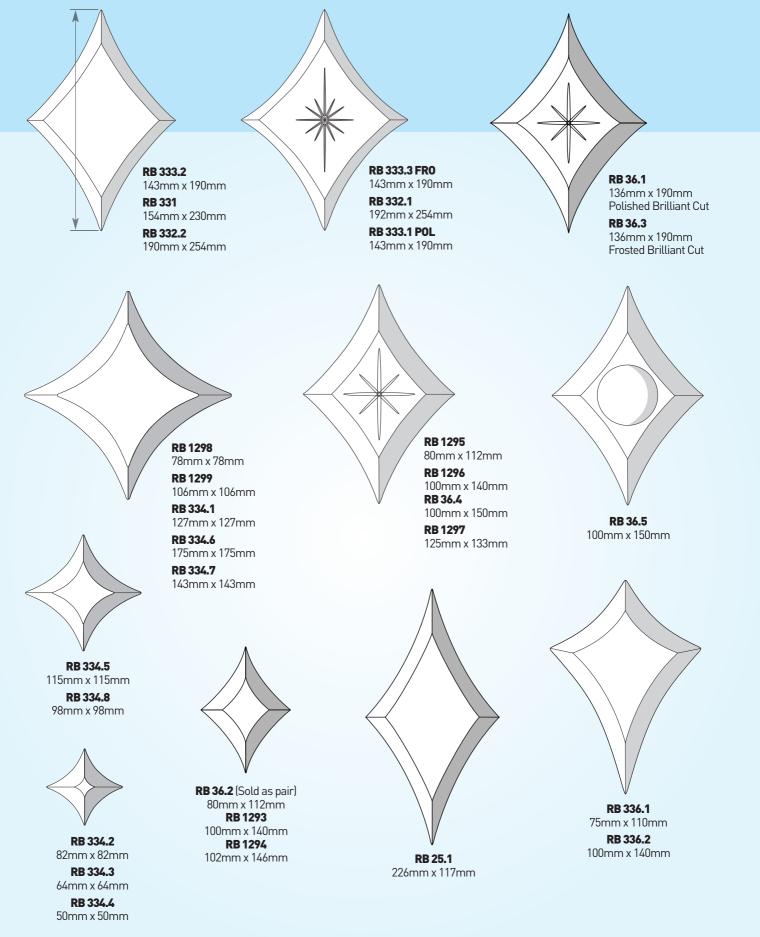




--

Star Bevels

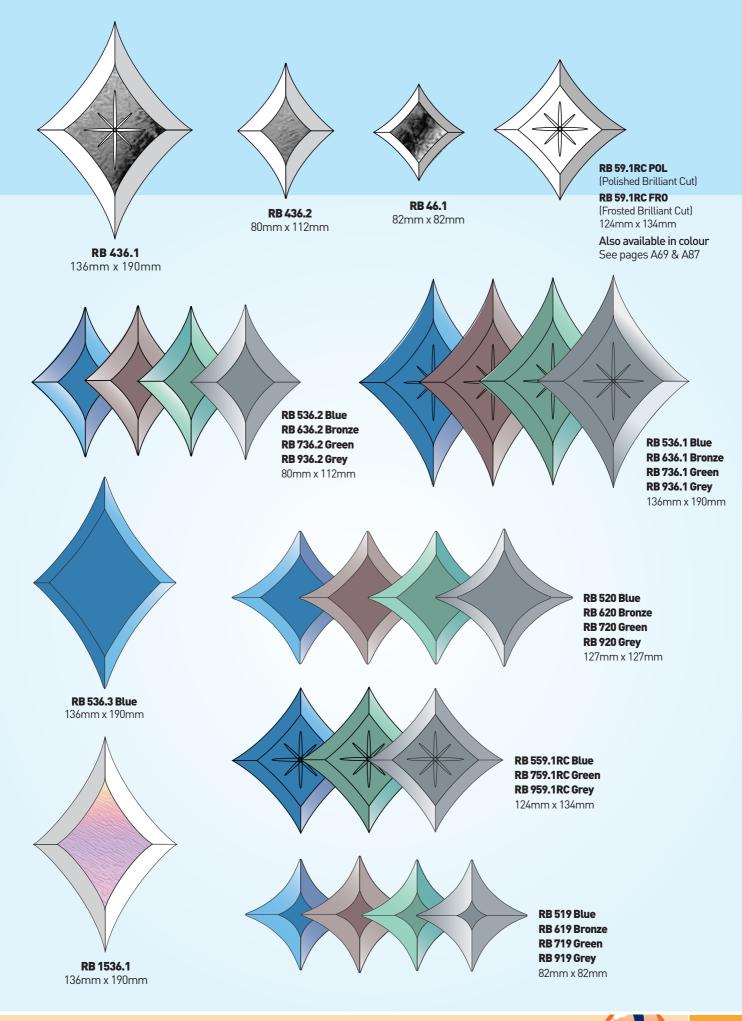
PLEASE NOTE: Star Bevels dimensions are Point to Point as shown.



REGALEAD | DECORATIVE OVERLAY SYSTEMS





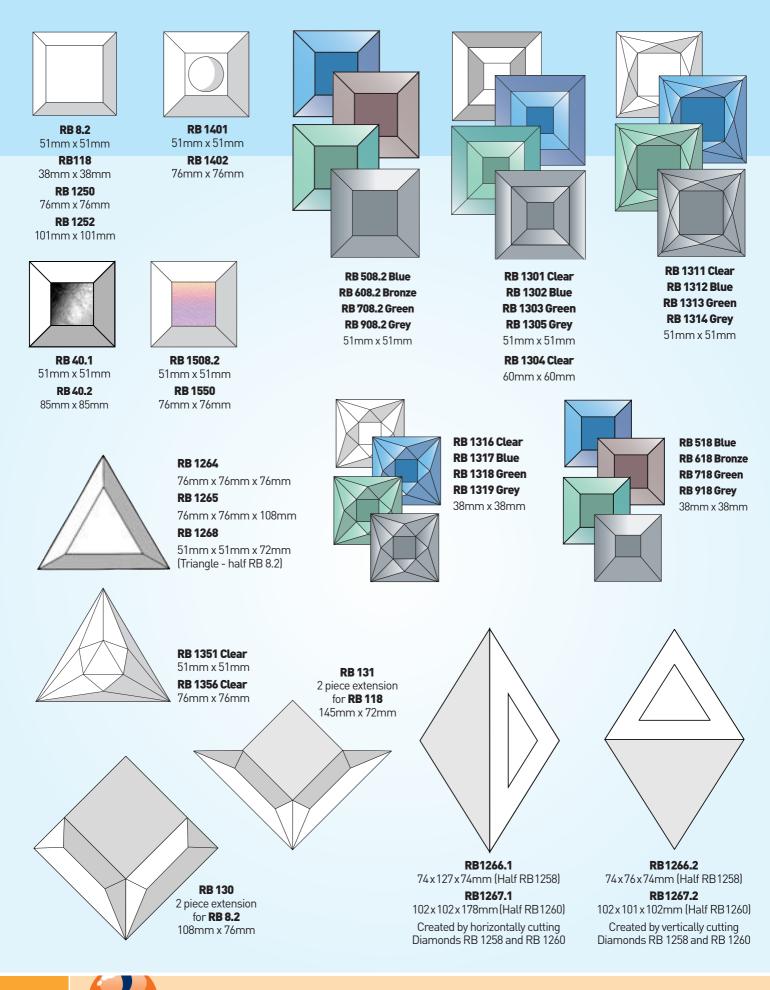


REGALEAD | DECORATIVE OVERLAY SYSTEMS

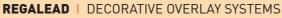
۲



Square and Triangle Bevels



۲

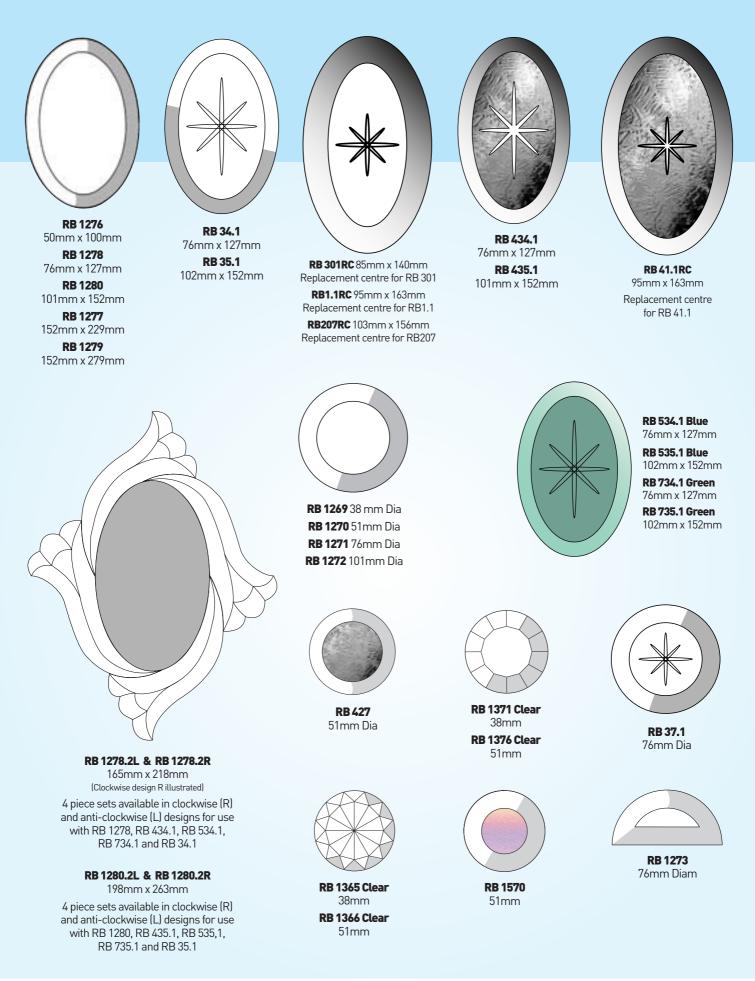


_

->

Oval and Circle Bevels

۲

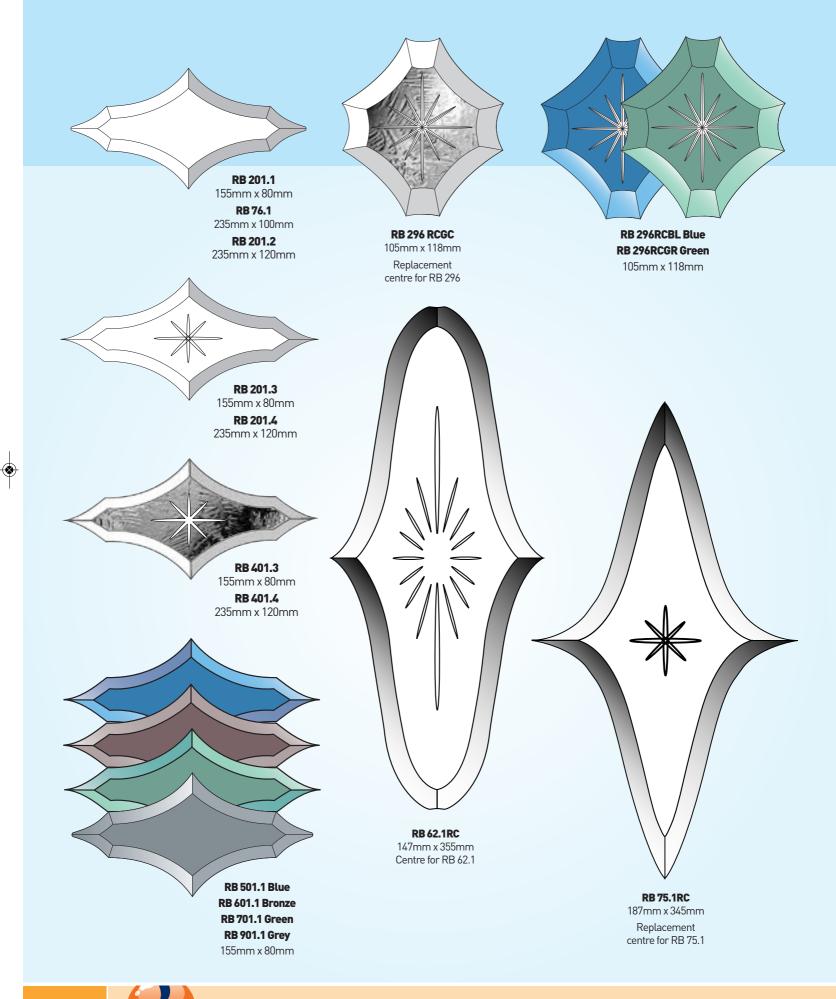




۲

REGALEAD | DECORATIVE OVERLAY SYSTEMS

Single Piece Feature Bevels

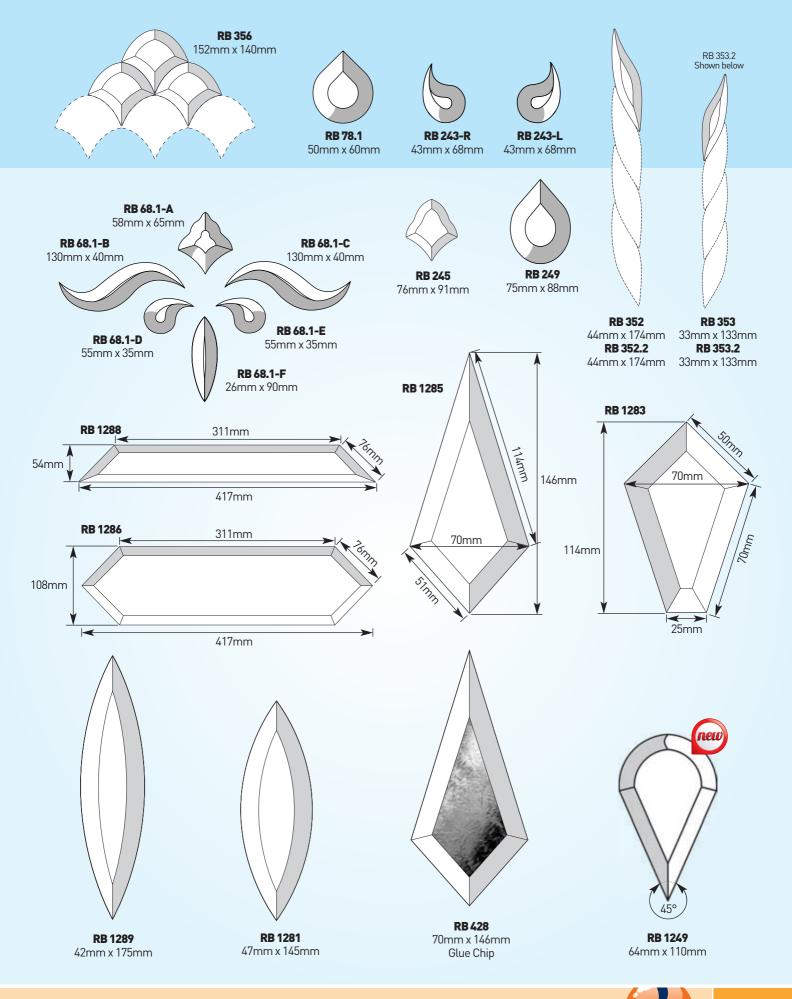


A114

REGALEAD | DECORATIVE OVERLAY SYSTEMS

-

Single Piece Feature Bevels



REGALEAD | DECORATIVE OVERLAY SYSTEMS

۲

A115

Rega Jewels



۲







'seeds' can occur.



Clear

Amber

Amethyst

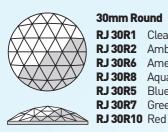
Aquamarine

40mm Round

Blue

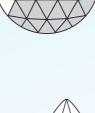
Green

Red

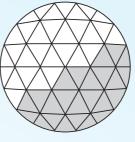


30mm Round RJ 30R1 Clear RJ 30R2 Amber RJ 30R6 Amethyst

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

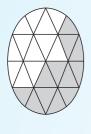


50mm Round

Please Note: Glass jewels are hand-made

therefore slight variation in colour and small

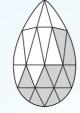
RJ 50R1 Clear RJ 50R2 Amber RJ 50R6 Amethyst RJ 50R8 Aquamarine RJ 50R5 Blue RJ 50R7 Green RJ 50R10 Red



۲

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

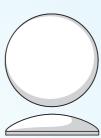
Blue

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

۲

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 RFUS01	DESCRIPTION 60x60mm	PAGE A122
RFUS03	60x60mm	Dark/Mid/Sky BlueA122 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 60x60mm	Red/Orange/AmberA124
RFUS32 RFUS37	60x60mm	Dark/Mid/Sea GreenA124 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 RFUS58	60x60mm 60x60mm	Dark Green/Sea Green on ClearA124 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 RFUS72	40x40mm 40x40mm	Red/Orange/AmberA122 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 RFUS83	80x80mm 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 RFUS94	60x60mm 60x60mm	Clear Textures
RFUS101 RFUS102	80x80mm 80x80mm	Spirit of Fusion WhiteA127 Spirit of Fusion Blue
RFUS101 RFUS102 RFUS104	80x80mm 80x80mm 80x80mm	Spirit of Fusion BlueA127
RFUS102	80x80mm	
RFUS102 RFUS104	80x80mm 80x80mm	Spirit of Fusion Blue
RFUS102 RFUS104 RFUS110 RFUS113 RFUS114	80x80mm 80x80mm 80x80mm 80x80mm 80x80mm	Spirit of Fusion Blue
RFUS102 RFUS104 RFUS110 RFUS113 RFUS114 RFUS115	80x80mm 80x80mm 80x80mm 80x80mm 80x80mm 80x80mm	Spirit of Fusion Blue
RFUS102 RFUS104 RFUS110 RFUS113 RFUS114 RFUS115 RFUS118	80x80mm 80x80mm 80x80mm 80x80mm 80x80mm 80x80mm 80x80mm 80x80mm	Spirit of Fusion Blue
RFUS102 RFUS104 RFUS110 RFUS113 RFUS114 RFUS115 RFUS118 RFUS120	80x80mm 80x80mm 80x80mm 80x80mm 80x80mm 80x80mm 80x80mm 80x80mm 60x60mm	Spirit of Fusion Blue
RFU5102 RFU5104 RFU5104 RFU5110 RFU5113 RFU5114 RFU5115 RFU5118 RFU5120 RFU5121	80x80mm 80x80mm 80x80mm 80x80mm 80x80mm 80x80mm 80x80mm 60x60mm 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 RFU5104 RFU5110 RFU5113 RFU5114 RFU5115 RFU5118 RFU5120 RFU5121 RFU5122	80x80mm 80x80mm 80x80mm 80x80mm 80x80mm 80x80mm 80x80mm 60x60mm 40x40mm 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 RFU5104 RFU5104 RFU5110 RFU5113 RFU5114 RFU5115 RFU5118 RFU5120 RFU5121	80x80mm 80x80mm 80x80mm 80x80mm 80x80mm 80x80mm 80x80mm 60x60mm 40x40mm	Spirit of Fusion Blue
RFU5102 RFU5104 RFU5110 RFU5113 RFU5114 RFU5115 RFU5118 RFU5120 RFU5121 RFU5122 RFU5123	80x80mm 80x80mm 80x80mm 80x80mm 80x80mm 80x80mm 80x80mm 60x60mm 60x60mm 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 RFU5104 RFU5110 RFU5113 RFU5114 RFU5115 RFU5118 RFU5120 RFU5121 RFU5122 RFU5123 RFU5124	80x80mm 80x80mm 80x80mm 80x80mm 80x80mm 80x80mm 60x60mm 40x40mm 60x60mm 60x60mm	Spirit of Fusion Blue
RFU5102 RFU5104 RFU5110 RFU5113 RFU5114 RFU5115 RFU5120 RFU5121 RFU5122 RFU5123 RFU5124 RFU5200 RFU5201 RFU5202	80x80mm 80x80mm 80x80mm 80x80mm 80x80mm 80x80mm 60x60mm 60x60mm 60x60mm 60x60mm 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 RFU5104 RFU5110 RFU5113 RFU5114 RFU5115 RFU5120 RFU5121 RFU5122 RFU5123 RFU5124 RFU5200 RFU5201 RFU5202 RFU5203	80x80mm 80x80mm 80x80mm 80x80mm 80x80mm 80x80mm 80x80mm 60x60mm 60x60mm 60x60mm 40x40mm 60x60mm 40x40mm 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 RFU5104 RFU5110 RFU5113 RFU5115 RFU5115 RFU5120 RFU5121 RFU5122 RFU5122 RFU5123 RFU5200 RFU5201 RFU5202 RFU5203 RFU5204	80x80mm 80x80mm 80x80mm 80x80mm 80x80mm 80x80mm 60x60mm 40x40mm 60x60mm 40x40mm 40x40mm 40x40mm 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 RFU5104 RFU5110 RFU5113 RFU5114 RFU5115 RFU5120 RFU5121 RFU5122 RFU5123 RFU5124 RFU5200 RFU5201 RFU5202 RFU5203	80x80mm 80x80mm 80x80mm 80x80mm 80x80mm 80x80mm 80x80mm 60x60mm 60x60mm 60x60mm 40x40mm 60x60mm 40x40mm 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 5211	60x60mm 40x40mm	Dark Purple/Pink on Clear 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
JSIO	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 D15	101x178mm 101x178mm	Dark/Mid/Sky Blue 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 D201	76x127mm 76x127mm	Dark/Mid Purple/Pink
D201	76x127mm	Dark/Mid Purple/Pink 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
JSIO	N Fan I	Iles
F09	85x60mm	Dark/Mid Blue
F10	85x60mm	Red/Amber
F12	85x60mm	Dark/Mid Green
F13 F15	85x60mm 85x60mm	Mid Blue/Clear
F15 F16	85x60mm	Amber/Clear 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

۲

.A122

...A125

...A124

...A124

...A123

.....A124

.....A124

.....A124

.....A124

....A128

...A128

...A128

...A128

...A128

.....A128

...A128

...A128

..A129

...A129

...A129

...A129

...A128

...A128

A128

...A128

.....A129

...A129

...A129

...A129

A128

...A128

.....A129

.....A128

.....A129

.....A129

.....A129

...A129

..A128

...A128

...A128

A128

.....A128

.....A128

...A128

..A129

..A129

A129

...A128

...A129

.....A129

.....A129

RVETB95

RVETB129

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

.A131

...A131

...A131

...A131

...A131

...A131

...A131

.....A131

....A130

.....A130

.....A131

...A130

...A130

...A130

ar....A131

.....A131

...A130

...A130

..A130

...A130

....A130

...A130

...A131

...A131

...A131

A131

...A130

.....A130

...A130

ar....A130

.....A131

....A132

.....A132

...A132

...A132

...A132

...A132 ...A132

...A132

...A132

.A132

..A132

A132

...A132

...A132

...A132

..A132

.A132

...A133

...A132

...A132

...A132

...A133

...A133

..A133

...A132

...A132

..A132

.A133

.A133

.A133

..A133

...A132

...A133

..A133

.A133

..A133

A133

...A133

...A133

..A133

.A133

..A133

RFUS

RFUS

RFU

RFU

RFU

RFU

RFU

RFU

RFU

RFUI

RFUI

RFUI

RFU

RFU

RFU

RFU

RFU

RFU RFU

RFU

RFU

RFU

RFUI

RFUI

RFU

RFU

RFU RFU

RFUI

RFUI

RFU

RFU

RFU

RFU

RFU

RFU

RFU

RFU

RFU

Н

RFU

RFU

RFU

RFU

RFU RFU

RFU

RFU

RFU

RFU

RFU

RFU

RFU

RFU

RFU

RFU

.....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

R

R

R

R

R

R

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	
FUSIO	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 RFULD47	72x140mm 72x140mm	Butterscotch/Almond/Black on Cle Clear Cord on Clear
RFULD44 RFULD47	72x140mm 72x140mm N Vetro	Butterscotch/Almond/Black on Cle Clear Cord on Clear
RFULD44 RFULD47 FUSIO RVETA07Z01	72x140mm 72x140mm N Vetro 40mm	Butterscotch/Almond/Black on Cle Clear Cord on Clear Tiles Jolly Grand Pale Blue
RFULD44 RFULD47 FUSIO RVETA07Z01 RVETA07Z02	72x140mm 72x140mm N Vetro 40mm 40mm	Butterscotch/Almond/Black on Cle Clear Cord on Clear Tiles Jolly Grand Pale Blue Jolly Grand Lime Green
RFULD44 RFULD47 FUSIOI RVETA07201 RVETA07202 RVETA07203	72x140mm 72x140mm N Vetro 40mm 40mm 40mm	Butterscotch/Almond/Black on Cle Clear Cord on Clear Tiles Jolly Grand Pale Blue Jolly Grand Lime Green Jolly Grand Dark Blue
RFULD44 RFULD47 FUSIOI RVETA07201 RVETA07202 RVETA07203 RVETA07204	72x140mm 72x140mm N Vetro 40mm 40mm 40mm 40mm	Butterscotch/Almond/Black on Cle Clear Cord on Clear Tiles Jolly Grand Pale Blue Jolly Grand Lime Green Jolly Grand Dark Blue Jolly Grand Red
RFULD44 RFULD47 FUSIO RVETA07201 RVETA07202 RVETA07203 RVETA07204 RVETA07205	72x140mm 72x140mm N Vetro 40mm 40mm 40mm 40mm 40mm	Butterscotch/Almond/Black on Cle Clear Cord on Clear Tiles Jolly Grand Pale Blue Jolly Grand Lime Green Jolly Grand Dark Blue Jolly Grand Red Jolly Grand Yellow
RFULD44 RFULD47 FUSIO RVETA07201 RVETA07202 RVETA07203 RVETA07205 RVETA07205	72x140mm 72x140mm N Vetro 40mm 40mm 40mm 40mm 40mm	Butterscotch/Almond/Black on Cle Clear Cord on Clear Tiles Jolly Grand Pale Blue Jolly Grand Lime Green Jolly Grand Dark Blue Jolly Grand Red Jolly Grand Yellow Jolly Grand Yellow
RFULD44 RFULD47 FUSIO RVETA07201 RVETA07203 RVETA07203 RVETA07205 RVETA07206 RVETA07206	72x140mm 72x140mm N Vetro 40mm 40mm 40mm 40mm 40mm 40mm	Butterscotch/Almond/Black on Cle Clear Cord on Clear Tiles Jolly Grand Pale Blue Jolly Grand Dark Blue Jolly Grand Dark Blue Jolly Grand Red Jolly Grand Yellow Jolly Grand Turquoise
RFULD44 RFULD47 FUSIOI RVETA07201 RVETA07202 RVETA07203 RVETA07205 RVETA07206 RVETA07207 RVETA07208	72x140mm 72x140mm 40mm 40mm 40mm 40mm 40mm 40mm 40mm	Butterscotch/Almond/Black on Cle Clear Cord on Clear
RFULD44 RFULD47 IUS100 RVETA07202 RVETA07202 RVETA07203 RVETA07205 RVETA07206 RVETA07207 RVETA07208 RVETA07208	72x140mm 72x140mm 40mm 40mm 40mm 40mm 40mm 40mm 40mm	Butterscotch/Almond/Black on Cle Clear Cord on Clear
RFULD44 RFULD47 FUS101 RVETA07201 RVETA07202 RVETA07203 RVETA07204 RVETA07205 RVETA07207 RVETA07208 RVETA07209 RVETA07209 RVETA07209 RVETA07209 RVETA07209 RVETA07209 RVETA07209 RVETA07209 RVETA07209	72x140mm 72x140mm 40mm 40mm 40mm 40mm 40mm 40mm 40mm	Butterscotch/Almond/Black on Cle Clear Cord on Clear
RFULD44 RFULD47 FUSIO1 RVETA07201 RVETA07203 RVETA07204 RVETA07205 RVETA07206 RVETA07207 RVETA07208 RVETA07209 RVETA07208 RVETA07209 RVETA07209 RVETA07209 RVETA07210 RVETA07211	72x140mm 72x140mm 40mm 40mm 40mm 40mm 40mm 40mm 40mm	Butterscotch/Almond/Black on Cle Clear Cord on Clear
RFULD44 RFULD47 RVETA07201 RVETA07202 RVETA07203 RVETA07205 RVETA07206 RVETA07207 RVETA07207 RVETA07209 RVETA07210 RVETA07211	72x140mm 72x140mm 40mm 40mm 40mm 40mm 40mm 40mm 25mm 25mm 25mm	Butterscotch/Almond/Black on Cle Clear Cord on Clear
RFULD44 RFULD47 FUSIO1 RVETA07201 RVETA07203 RVETA07204 RVETA07205 RVETA07206 RVETA07207 RVETA07208 RVETA07209 RVETA07208 RVETA07209 RVETA07209 RVETA07209 RVETA07210 RVETA07211	72x140mm 72x140mm 40mm 40mm 40mm 40mm 40mm 40mm 25mm 25mm 25mm	Butterscotch/Almond/Black on Cle Clear Cord on Clear
RFULD44 RFULD47 RVETA07201 RVETA07202 RVETA07203 RVETA07205 RVETA07206 RVETA07207 RVETA07207 RVETA07209 RVETA07210 RVETA07211	72x140mm 72x140mm N Vetro 40mm 40mm 40mm 40mm 40mm 25mm 25mm 25mm 25mm 25mm	Butterscotch/Almond/Black on Cle Clear Cord on Clear
RFULD44 RFULD47 IUS100 RVETA07201 RVETA07202 RVETA07203 RVETA07204 RVETA07206 RVETA07207 RVETA07208 RVETA07209 RVETA07210 RVETA07211 RVETA07213	72x140mm 72x140mm 40mm 40mm 40mm 40mm 40mm 40mm 40mm	Butterscotch/Almond/Black on Cle Clear Cord on Clear
RFULD44 RFULD47 IUS100 RVETA07202 RVETA07202 RVETA07203 RVETA07204 RVETA07205 RVETA07207 RVETA07207 RVETA07209 RVETA07210 RVETA07213 RVETA07213 RVETA07213	72x140mm 72x140mm 40mm 40mm 40mm 40mm 40mm 40mm 25mm 25mm 25mm 25mm 25mm 25mm 25mm 2	Butterscotch/Almond/Black on Cle 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 72x140mm 40mm 40mm 40mm 40mm 40mm 40mm 25mm 25mm 25mm 25mm 25mm 25mm 25mm 2	Butterscotch/Almond/Black on Cle 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 72x140mm 40mm 40mm 40mm 40mm 40mm 40mm 25mm 25mm 25mm 25mm 25mm 25mm 25mm 2	Butterscotch/Almond/Black on Cle Clear Cord on Clear
RFULD44 RFULD47 RVETA07202 RVETA07202 RVETA07203 RVETA07204 RVETA07205 RVETA07206 RVETA07206 RVETA07209 RVETA07208 RVETA07210 RVETA07211 RVETA07215 RVETA07214 RVETA07215 RVETA07216 RVETA07216 RVETA07216	72x140mm 72x140mm 40mm 40mm 40mm 40mm 40mm 40mm 25mm 25mm 25mm 25mm 25mm 25mm 25mm 2	Butterscotch/Almond/Black on Cle Clear Cord on Clear
RFULD44 RFULD47 PUS100 RVETA07202 RVETA07202 RVETA07204 RVETA07204 RVETA07206 RVETA07206 RVETA07209 RVETA07209 RVETA07210 RVETA07211 RVETA07212 RVETA07213 RVETA07214 RVETA07215 RVETA07216 RVETA07215 RVETA07216 RVETA50	72x140mm 72x140mm 40mm 40mm 40mm 40mm 40mm 40mm 40mm	Butterscotch/Almond/Black on Cle Clear Cord on Clear
RFULD44 RFULD47 RVETA07201 RVETA07202 RVETA07202 RVETA07203 RVETA07204 RVETA07205 RVETA07207 RVETA07207 RVETA07207 RVETA07210 RVETA07213 RVETA07213 RVETA07213 RVETA07214 RVETA07215 RVETA07216 RVETA50 RVETA50 RVETA50 RVETA50 RVETA50 RVETA50	72x140mm 72x140mm 40mm 40mm 40mm 40mm 40mm 40mm 40mm	Butterscotch/Almond/Black on Cle Clear Cord on Clear
RFULD44 RFULD47 RVETA07201 RVETA07202 RVETA07203 RVETA07204 RVETA07205 RVETA07205 RVETA07206 RVETA07207 RVETA07207 RVETA07210 RVETA07212 RVETA07213 RVETA07214 RVETA07215 RVETA07216 RVETA50 RVETA50 RVETA87 RVETA87 RVETA87 RVETA87 RVETA87	72x140mm 72x140mm 40mm 40mm 40mm 40mm 40mm 40mm 25mm 25mm 25mm 25mm 25mm 25mm 25mm 2	Butterscotch/Almond/Black on Cle Clear Cord on Clear
RFULD44 RFULD47 RVETA07201 RVETA07202 RVETA07203 RVETA07204 RVETA07205 RVETA07206 RVETA07207 RVETA07207 RVETA07207 RVETA07210 RVETA07211 RVETA072112 RVETA07213 RVETA07214 RVETA07214 RVETA07215 RVETA07216 RVETA85 RVETA87 RVETA87 RVETA87 RVETA87 RVETA87 RVETA82 RVETA82 RVETB42 RVETB42	72x140mm 72x140mm 40mm 40mm 40mm 40mm 40mm 25mm 25mm 25mm 25mm 25mm 25mm 25mm 2	Butterscotch/Almond/Black on Cle Clear Cord on Clear
RFULD44 RFULD47 RVETA07201 RVETA07202 RVETA07203 RVETA07204 RVETA07205 RVETA07205 RVETA07206 RVETA07207 RVETA07207 RVETA07210 RVETA07212 RVETA07213 RVETA07214 RVETA07215 RVETA07216 RVETA50 RVETA50 RVETA87 RVETA87 RVETA87 RVETA87 RVETA87	72x140mm 72x140mm 40mm 40mm 40mm 40mm 40mm 40mm 25mm 25mm 25mm 25mm 25mm 25mm 25mm 2	Butterscotch/Almond/Black on Cle 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[™] 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[™] 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[™] fusing compatible coloured glass

3mm Spectrum[™] fusing compatible clear glass



As an accompanying range to Fusion tiles, the Fusion Lite collection is similarly manufactured using high-quality Spectrum[™] 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.

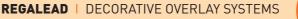




The newest addition in the fused glass tiles collection, Forma Vidrio is an exquisite range manufactured in Spain. Incorporating beautiful pieces of Gold and Silver Leaf, amongst other elegant motifs, this range comprises of 60mm square and circles in complementary pairs to enhance ease of









A121



Fusion Tiles



RFUS 01 60mm



RFUS 03 60mm



RFUS 04 60mm

۲



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



A122











RFUS 74 40mm







RFUS 45 60mm



RFUS 46 60mm



RFUS 201 60mm



RFUS 203 60mm



.

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



REGALEAD | DECORATIVE OVERLAY SYSTEMS

Fusion Tiles



RFUS 29 60mm



RFUS 31 60mm

۲



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



۲

RFUS 58 60mm



RFUS 62 40mm

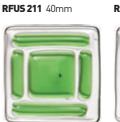


RFUFMS 44 40mm

REGALEAD | DECORATIVE OVERLAY SYSTEMS







RFUFMS 41 40mm



RFUFMS 43 40mm





- **(**

RFUS 66 80mm



RFUS 67 80mm



RFUS 68 80mm

۲

RFUS 65 80mm



RFUS 94 80mm



RFUS 84 60mm



RFUS 208 60mm



RFUS 87 60mm



RFUS 86 60mm



RFUS 88 60mm



Fusion Tiles



 \bigotimes

۲

REGALEAD | DECORATIVE OVERLAY SYSTEMS



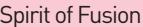


RFUS 113 80mm White



RFUS 118 80mm Pink

۲



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



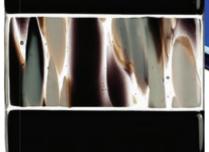
RFUS 101 80mm White

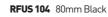


RFUS 102 80mm Blue



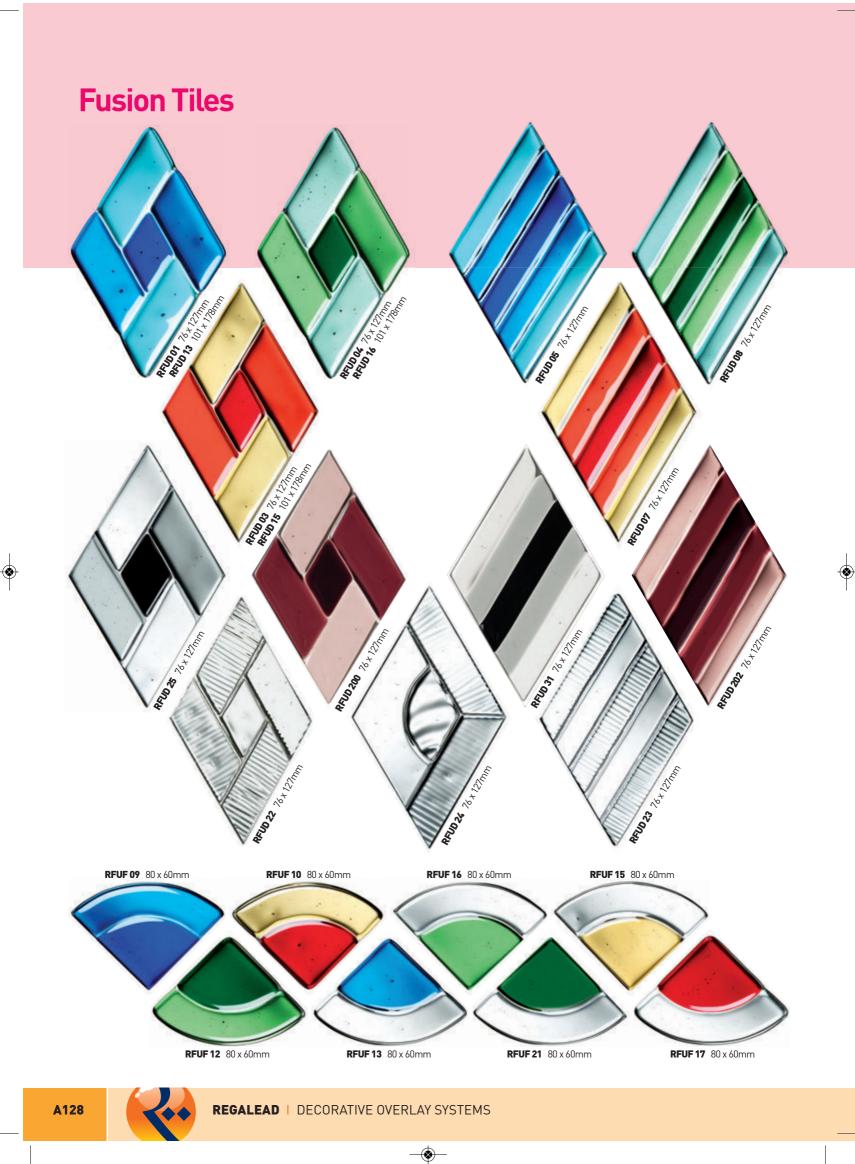
RFUS 110 80mm Pink

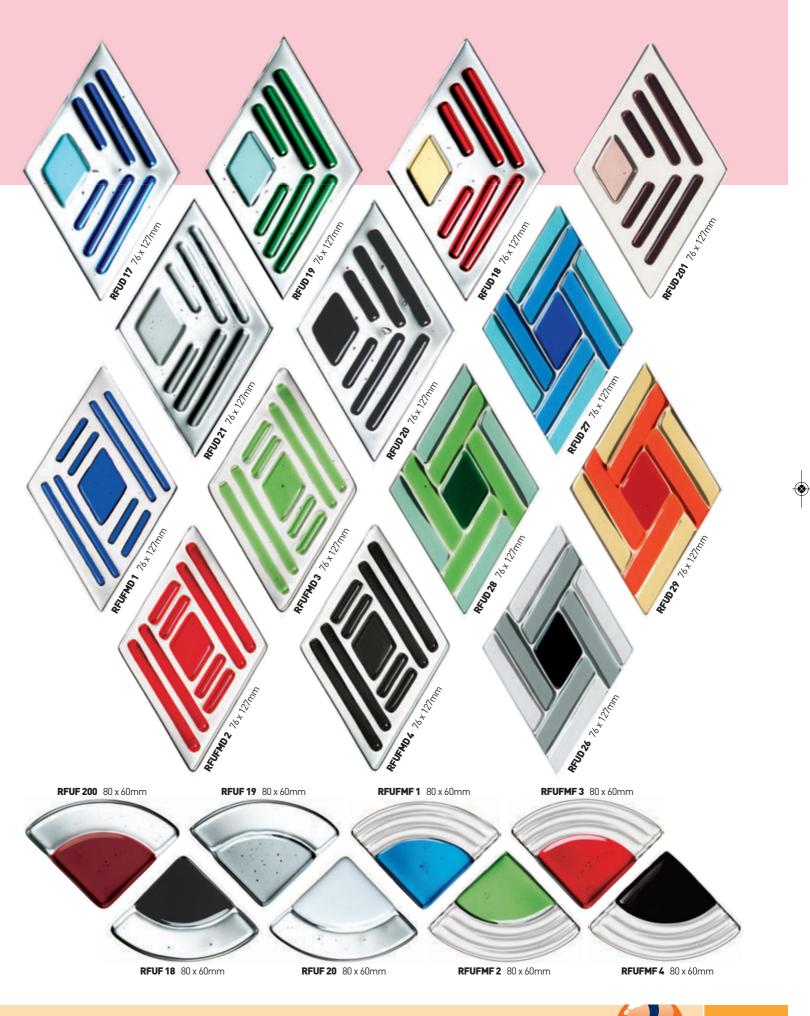












REGALEAD | DECORATIVE OVERLAY SYSTEMS

۲

A129







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



A131

REGALEAD | DECORATIVE OVERLAY SYSTEMS

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.



I



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













B79 80mm Video 4

A50 80mm Video 1

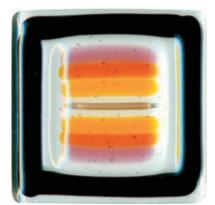


A7Z14 25mm

۹



A89 80mm Valentino



B78 80mm Video 3



B141 80mm Aurora



B42 40mm Damino Bianco Clear



B129 40mm Oro



۲

B95 40mm Brilliante Quadro

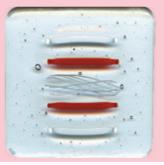


B130 40mm Oro 2





A132



B182 60mm Infinito 4



B200 60mm Trap White

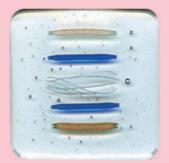


B188 60mm Whiteverde

۲



A85 60mm Orizzonte 2



B183 60mm Infinito 5



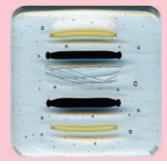
B202 60mm Trap Black



B191 60mm Whitenero



B49 60mm Orizzonte 3



B184 60mm Infinito 6

.



B203 60mm Trap Purple



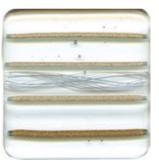




B135 60mm Orizzonte 4



B185 60mm Infinito 7



B204 60mm Trap Gold



۲

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



۲



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

۲



RTF 6050 60mm





۵)

RTE 6151 60mm



RTE 6157 60mm



RTF 6051 60mm



RTI 6002 60mm



RTI 6005 60mm



RTI 6008 60mm

۲



۲

RTI 6007 60mm





A134



۲

INOX ELEMENTS

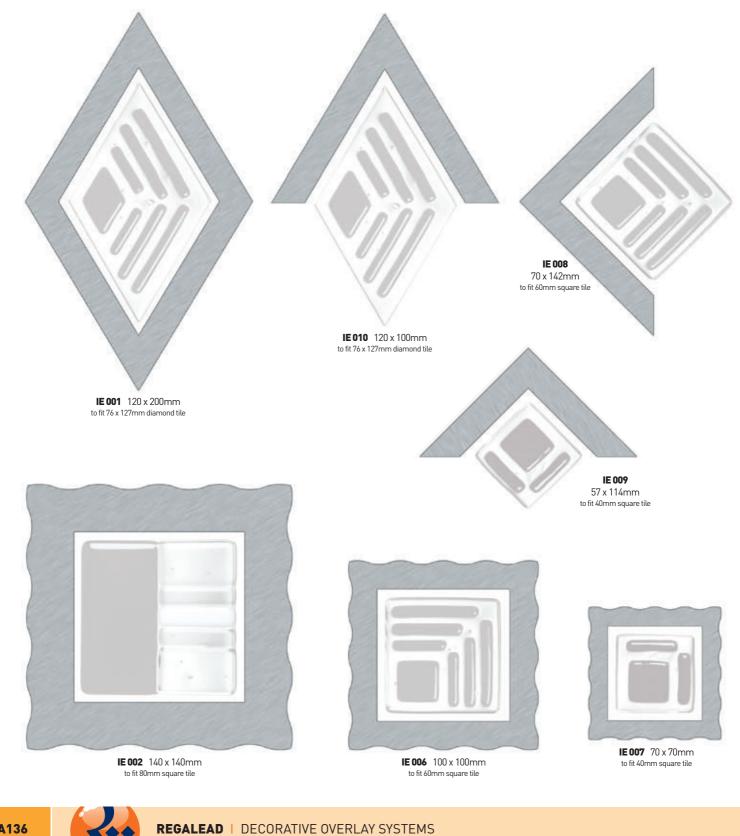
A stunning new addition to the Overlay range, Inox Elements bring a touch of European style to decorative glass. These original features perfectly complement our collection of Fusion Tiles.



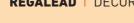
REGALEAD | DECORATIVE OVERLAY SYSTEMS

Inox Elements

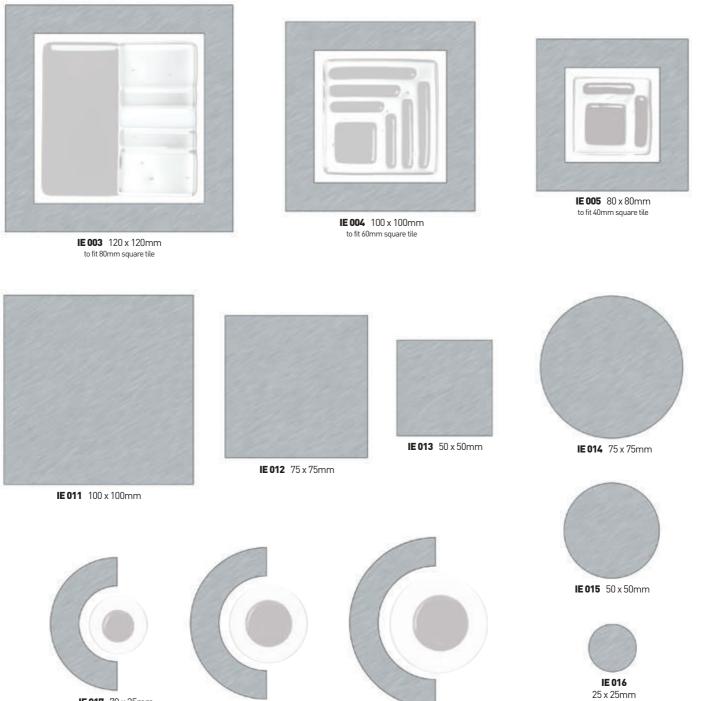
Our new collection of brushed stainless steel Inox Elements are the perfect alternative feature. With three distinct ranges, these 0.8mm thick elements are suitable for both interior and exterior applications. While creatively accentuating our Fusion Tiles, they can also provide a unique focal point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



۲







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

۲



to fit 40mm circle tile



REGALEAD | DECORATIVE OVERLAY SYSTEMS

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.

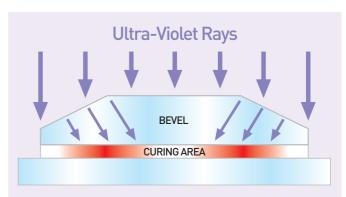
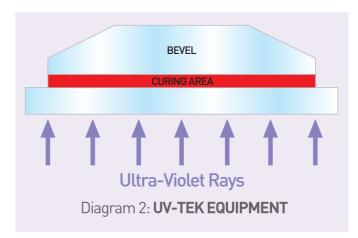


Diagram 1: HAND-HELD LAMP





×

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



A141

×

Adhesive Selector

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

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

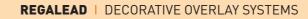
۲

.





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

(�)

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

۲



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

(�)

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

REGALEAD | DECORATIVE OVERLAY SYSTEMS

 \otimes



A145

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.



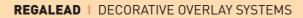
Deluge Test

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.





۲

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.



REGALEAD | DECORATIVE OVERLAY SYSTEMS



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

۲

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**



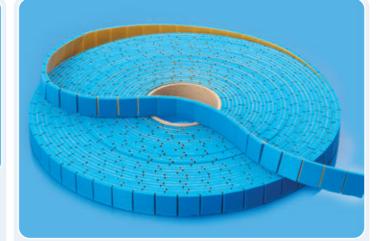
RegaClean No.1 Specially formulated using Isoproponal for preparation of glass before applying overlay products. Trigger Spray Bottle (500ml): RCAF14

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**



REGALEAD | DECORATIVE OVERLAY SYSTEMS

_ی

Application Tools and Materials



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



(🐼)

Film Rollers

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



DIY Boning Peg

۲

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



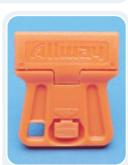
Film Applicators

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



A149

REGALEAD | DECORATIVE OVERLAY SYSTEMS

-🐼

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

۲



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[™] 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

-🔅

fusion

Fused Glass System

Index

B2
B 4
B6
B7
B8
B11
B12
B13
B14

۲

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.



۲

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

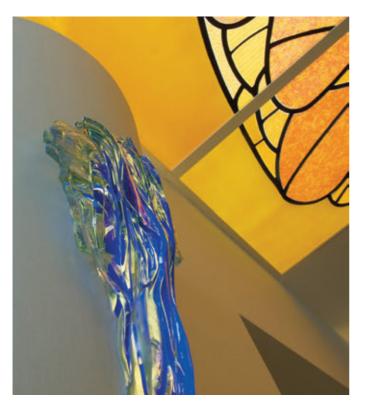
Kilns

×

- 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





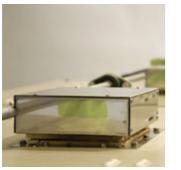


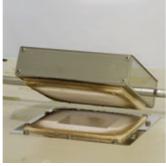


Kilns



(:





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

۲



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/m²
- FUSPRIMER



- 🛞 –

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

۲





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:
- 17³/₄" 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

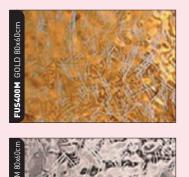
Glass Colours

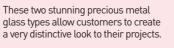
Our stunning new glass products have revolutionised the fusing glass process, making it easy to create beautiful work. Our huge range of float compatible glass, features a selection of unusual and eye-catching effects. The design flexibility is further enhanced as each of the 2mm thick pieces can be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

Transparent Colours



Precious Metals

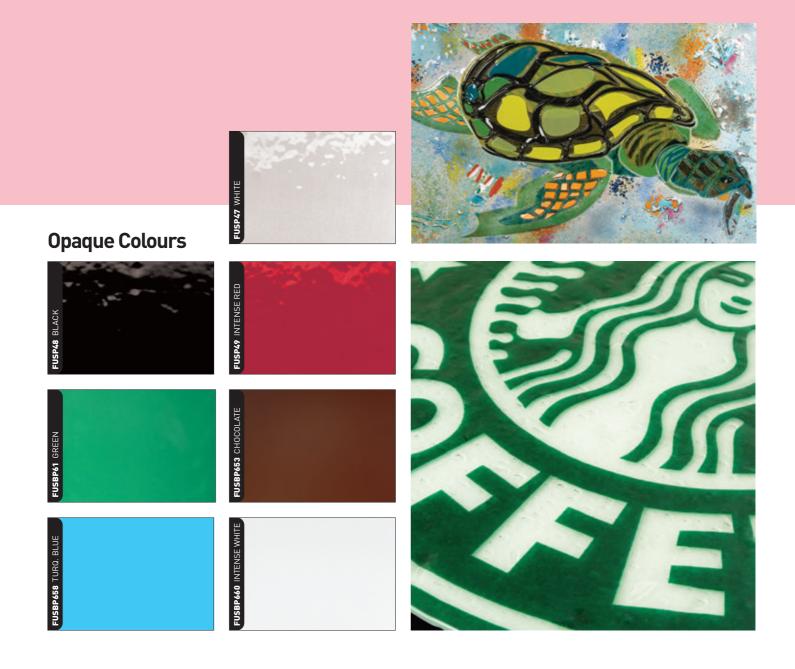






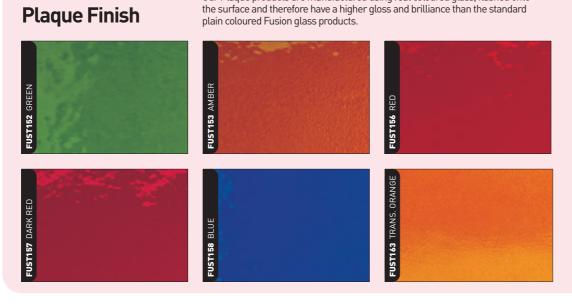






۲

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



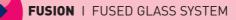
Glass Colours

Translucent Veined



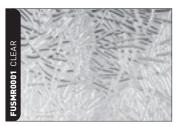
Transparent Veined

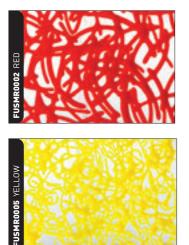




Special Effects

Tangle Effect 400g Packs

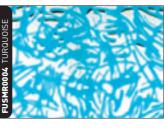


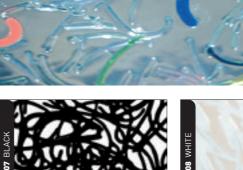


۲



(ی)



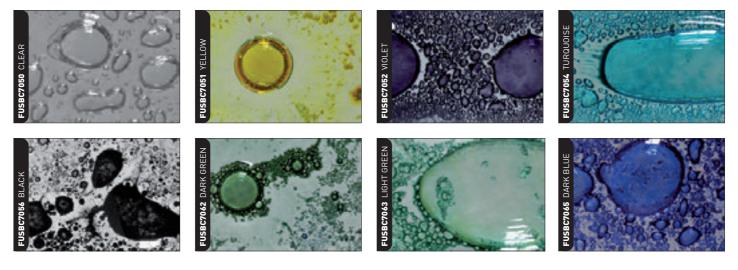




۲

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).



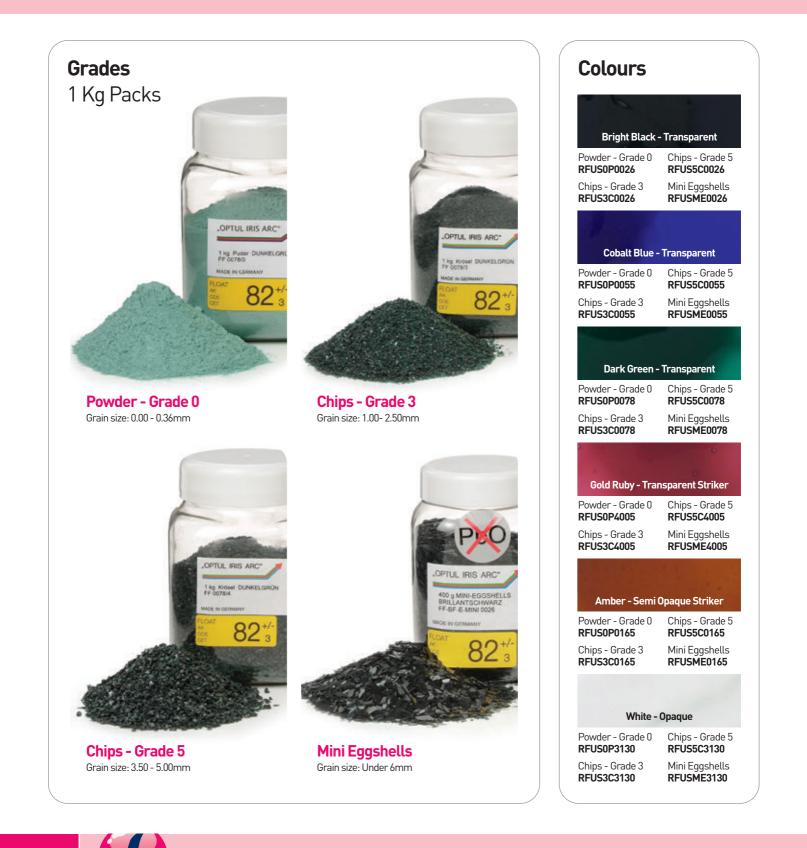




new

۵

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:



۲





(ی)

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

۲

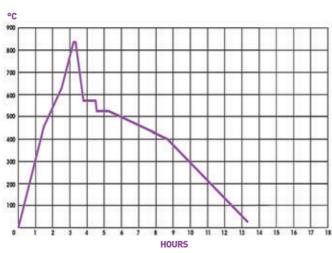




Fusing Cycles for Fusion Glass

۲

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).



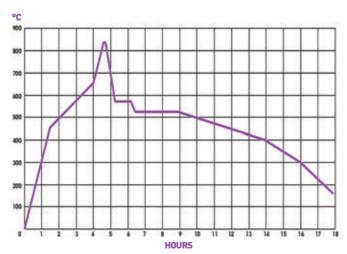
Programme One:

For small to medium pieces

• Maximum piece size 1m²

۲

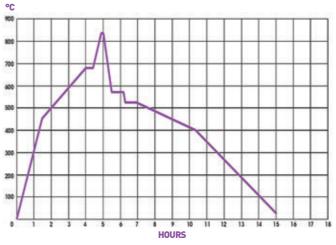
Maximum glass thickness 6mm



Programme Three:

For thick pieces

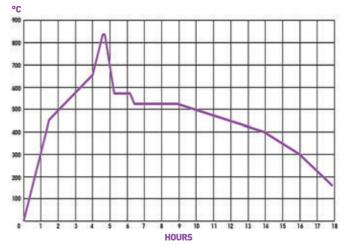
- All piece sizes
- Minimum thickness 8mm



Programme Two:

For medium pieces

- For pieces over 1m²
- 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

۲



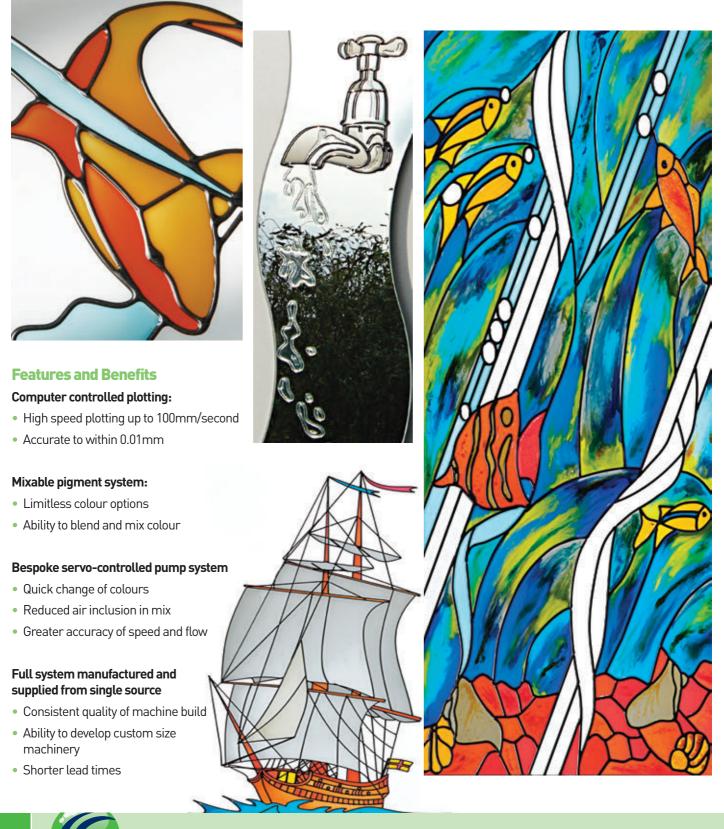
Resin Dispensing System

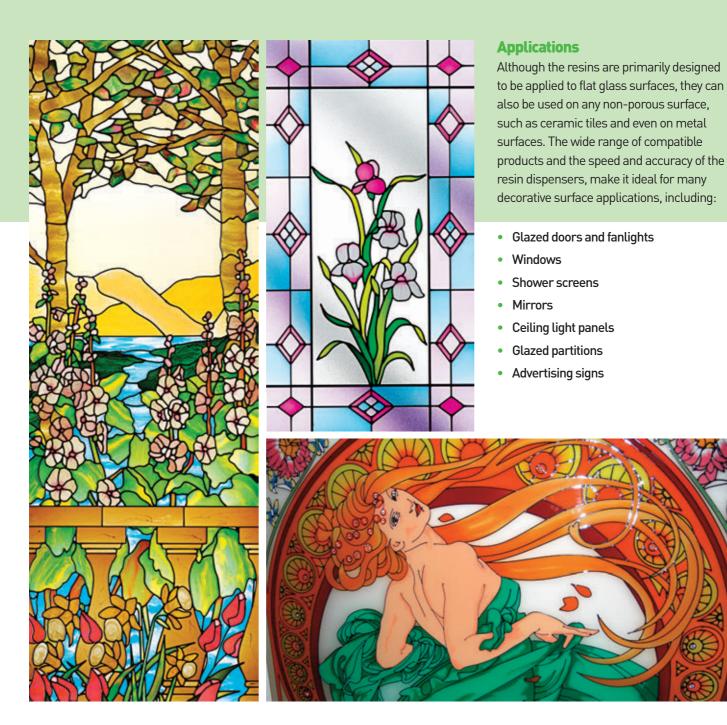
Index

Introduction	C2
ArtPlot v5.0 Software	C6
Resin Dispensing Machinery	C7
Application Machinery Options	C10
Application Machinery 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.

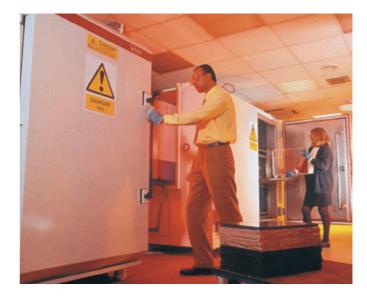




Performance

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

۲



C3

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

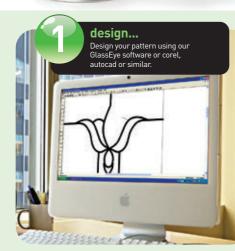
Mother of Pearl

Black

neu

neu





CadRam



۲



Infill Technology



Infill Resin System

۲

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.





- **(**

6

INFIL

20

6

INFILL

200

1

۲



RUB

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

۲

- 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

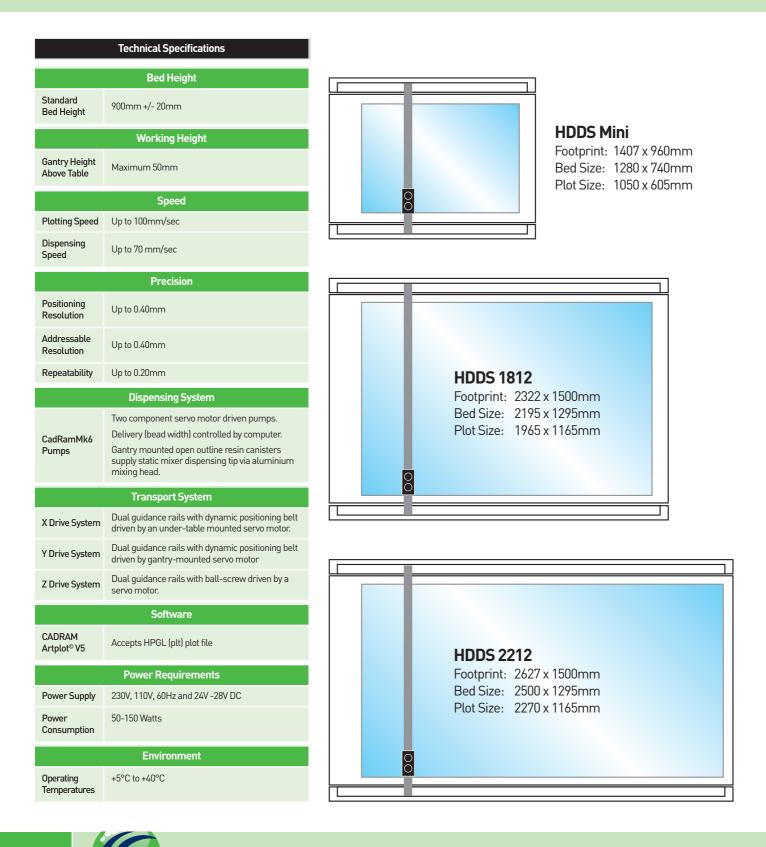
۲



Standard Machine Sizes

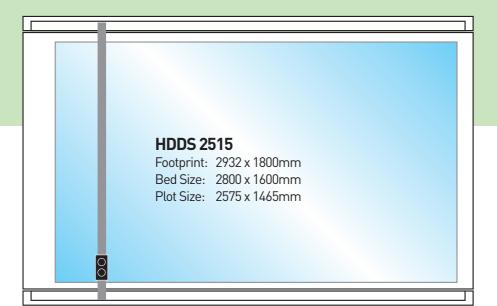
We offer the highly versatile HDDS equipment in a range of sizes to suit most requirements and, as we manufacture all machinery in our own factory, we can manufacture custom sized machinery up to 2.7 metres in length and 1.5 metres wide.

۲



- **(**









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.

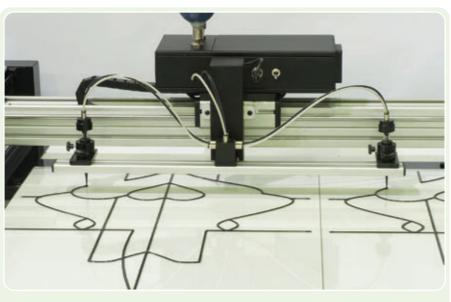
5mm Full 5mm pump assembly with quick change cable. Ideal for use with plain colours

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.

_

Application Machinery Spares



۲







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

۲

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.

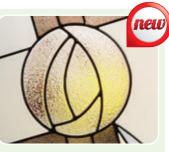
Black, Bright Gold, Clear, Mother of Pearl, Grey Pewter, White.

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

_ی



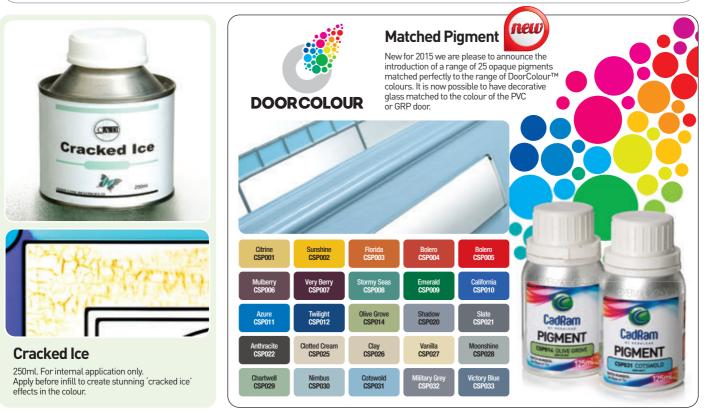
Satin Infill should be mixed with clear Infill A, to create a finish similar to satin etched glass. When combined with transparent pigments, the Satin Infill creates a translucent effect.



Pigments

۲









Accessories & Consumables



Open Mixing Pots Calibrated (Pack of 50).



۲

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.

۲

۲

۲





Glass Spraying System

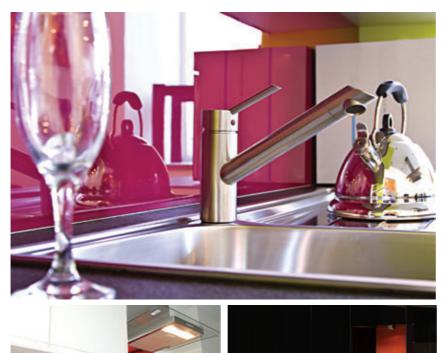
Index

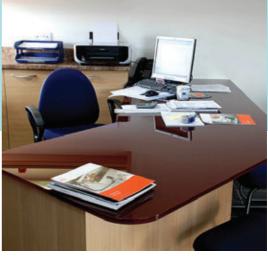
Introduction	D2
Formulation Software	D4
Colour Systems	D5
Marketing Support	D6
ColorSpray Equipment	D8
Sata RPS System	D12
ColorSpray Consumables	D13
ColorSpray Materials	D14
Application Guidelines	D18

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....



۲



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!





۲



COLORSPRAY | GLASS SPRAYING SYSTEM

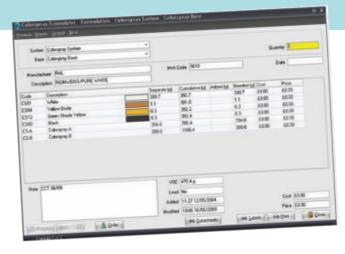


ColorSpray Formulation Software

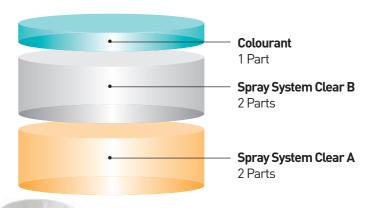
The ColorSpray Formulation software is a unique database of over 4000 formulae to create specific colours by weight using our system on 19 base colours.

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



-

-🐼-

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:









۲





D5

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 30×2.5 litre cans and the bottom shelf can be altered to take 6×1 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.

۲







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



-

ColorSpray Equipment

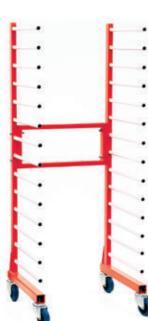


Devilbiss Spray Gun Pro Professional gravity-fed aluminium spray gun with 1.4mm nozzle and 560ml cup capacity. **RCSGUN**

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

۲





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.

_ی

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

۲

- 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

۲







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

۲

 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



۵

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

۲



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

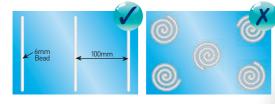
COLORSPRAY LMF is a clear, low modulus, neutral curing adhesive and sealant for use when bonding ColorSpray painted glass splashbacks and feature panels to a wide range of porous and non-porous substrates. The product is solvent free and contains a fungicide to improve mildew resistance when used in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





_

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		

D14

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.

۵

Base Materials.

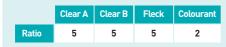
۲

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.

۲



Glitter Base

۲

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.



-



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.

۲



۲

ColorSpray GRP

RE-MIXED PART

-🐼

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.

-





Glass Sandblasting System

Index

Introduction	E2
Digregorio Machine	E3
CadBlast Machines	E4
Pressure Pot and Spare Parts	E6
Abrasive	E7
Accessories	E7
Vinyl Plotters	E 8
Vinyl, Paper and Spare Parts	E9
Design Software and CDs	E10
Colour System	E12
Airbrush System	E13
Glass Protection	E14
Instruction Books and DVDs	E16

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.







(:

Digregorio Automatic Sandblast Machine





۲

Automatic Guns



Touch Screen Panel Control

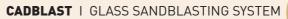
۲

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 160	Model 180	Model 200
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

.



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

Α

()

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/cm³

Hardness: 32 kN/mm²

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 Cutting Area	Maximum Material Width	Leg Stand	Dimensions W x D x H (mm)	Software 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 limited 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

-(🗞

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

۲

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



E9

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.

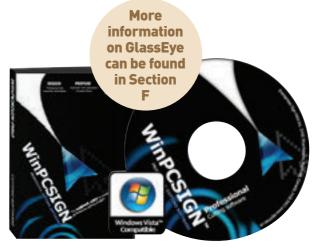


GlassEye Enterprise

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

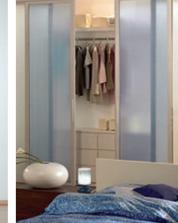
Nanogate Products

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

400m² coverage.

NANOE2C1135L

E2C 113 Clear

Coating

approximately

40m² coverage.

NANOE2C113

Power Polisher

240mm diameter,

220-240V Electric.

NAN0611POL

۲



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

(&)

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

۲



E15

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

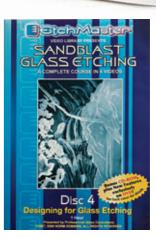
CBDVD1 Disk 1: Surface Etching Techniques. Running time: 87mins CBDVD2 Disk 2: Multi-level Carving Techniques. Running time: 87mins CBDVD3 Disk 3: Techniques for Shaded Etching. Running time: 98mins CBDVD4 Disk 4: Designing for Glass Etching.Running time: 60mins







GLASS ETCHING



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

INNUMBER

E16

۲





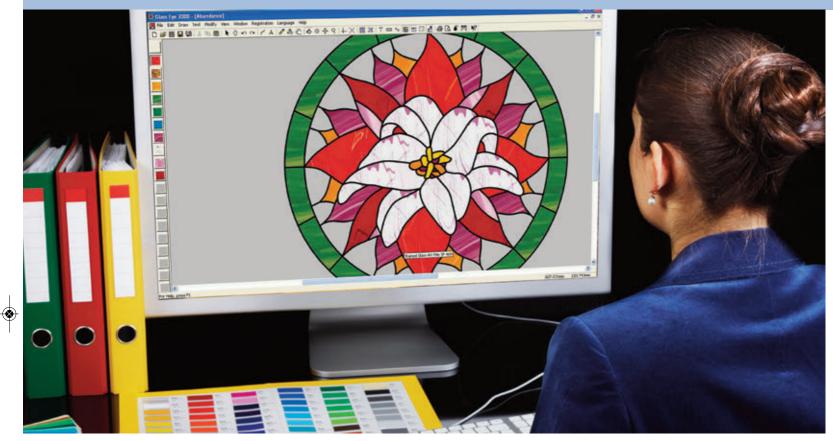
Software Design Solutions

Index

Introduction	F2
GlassEye Software	F3
Design CDs for Overlay	F8
WinPCSign Pro Software	F11
Design CDs for 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.

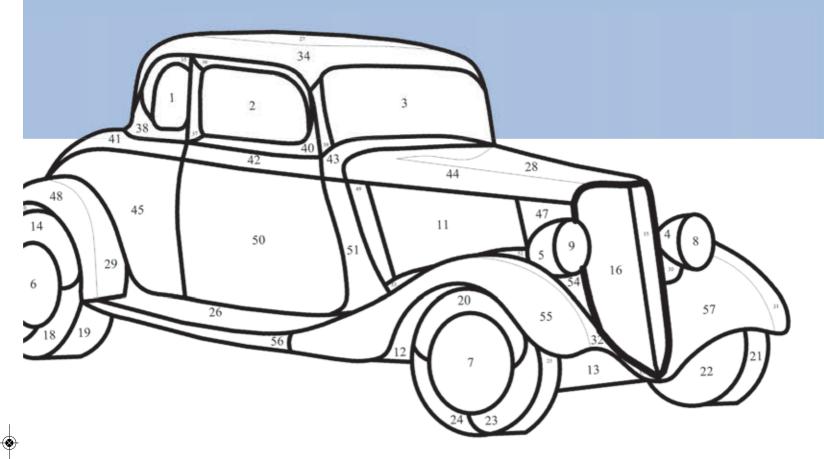
Additional Licenses and Upgrades: All GlassEye editions are licensed to run on an individual PC (or Mac). Professional and Professional Plus operate on license keys and Enterprise operates on a hardware key. Additional licenses and hardware keys can be purchased to run the software on an additional PC.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

--

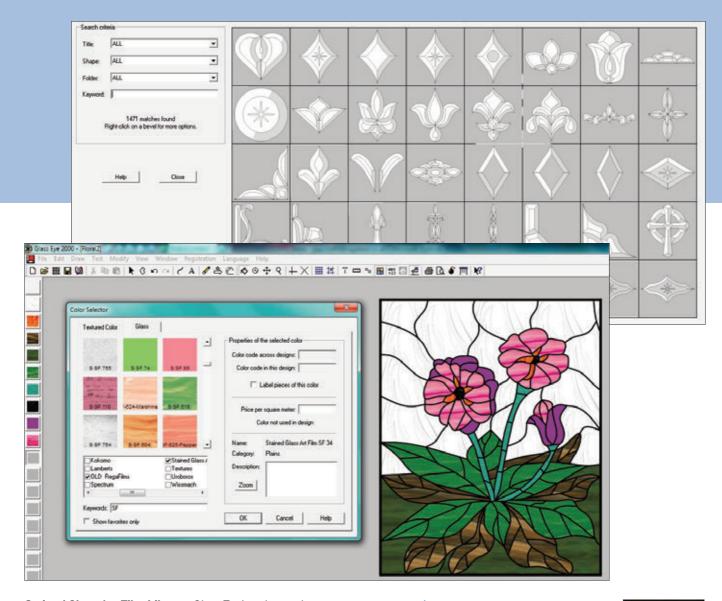
GlassEye Professional Edition



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.

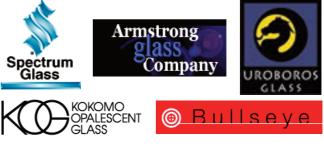
Additional Tools

۲

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



F5

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

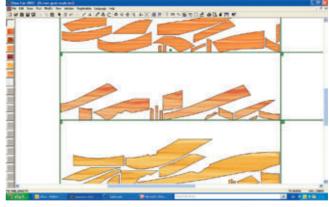
Enterprise Edition benefits from all the features of Professional and Professional Plus, in addition to several more advanced functions:

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 Edition	Professional Plus Edition	Enterprise Edition
Straight lines, curves, and arcs; elliptical and polygonal shapes			
Resize, offset, rotate, scale, stretch, nudge, flip, and reflect			- -
Grids, crosshairs, and rulers			- -
Line colour and style; face width and heart thickness			10 B 10
Materials usage calculator			
Group and ungroup			- -
Pattern library of over 400 designs, browsable by title, artist, style, category, shape, and keywords			
Textured colours (solid colours with glass textures applied)			- - -
Customizable shortcut menus and hot keys			
Draw your design on top of an imported image			- -
Over 3200 realistic glass samples from Armstrong, Bullseye, Casimir, Gecko, Kokomo, Lamberts, Spectrum, Uroboros, 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		- -	
AutoTrace Text: automatic conversion of text into outlines so that letters can be filled with colour, rotated, etc.		- - -	
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

۲

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.

۲

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

F8

British Legacy

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

۵



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.

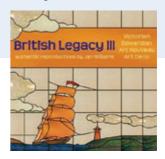
Product Code: RDFLYCDBL2

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



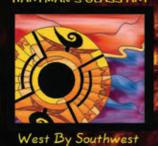
Decorative Options All the designs from our 40 page retail support brochure. Includes full costing programme is Excel and high quality, photographic images. **FREE**



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

HARTMAN'S GLASS ART

۲



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



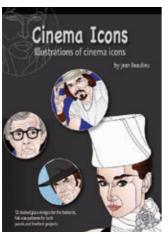


F9

(:

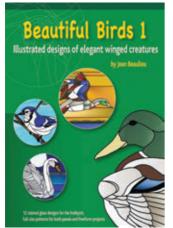
Designs by Jean Beaulieu

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.

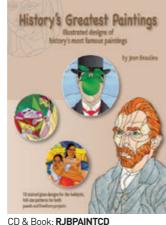


CD & Book: RJBICONCD Book: RJBICON

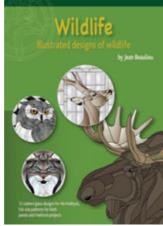
(�)



CD & Book: RJBBIRDCD Book: RJBBIRD

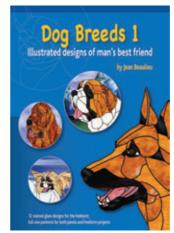


Book: RJBPAINT



CD & Book: RJBWILDLIFECD Book: RJBWILDLIFE

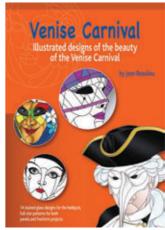
Jean Beaulieu lives in Trois-Rivieres, Quebec (Canada). Creator, artist, painter since 1984, he has been working with stained glass since 1993. His work has been in large city galleries worldwide. During many exhibitions of his paintings, it was often pointed out how much they reminded him of stained 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



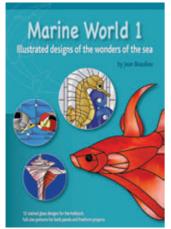
CD & Book: RJBDOGCD Book: RJBDOG



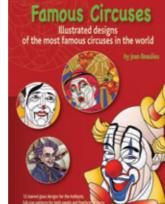
CD & Book: RJBHORSECD Book: RJBHORSE



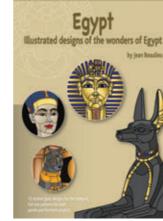
CD & Book: RJBCARNIVALCD Book: RJBCARNIVAL



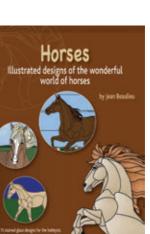
CD & Book: RJBMARINECD Book: RJBMARINE



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



-🚸-

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.



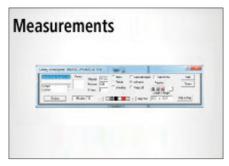
Pro2012 comes with a new feature that allows the pasting and vectorisation of foreign language Unicode in Arabic, Hindi, Russian and many more...



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.

×



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



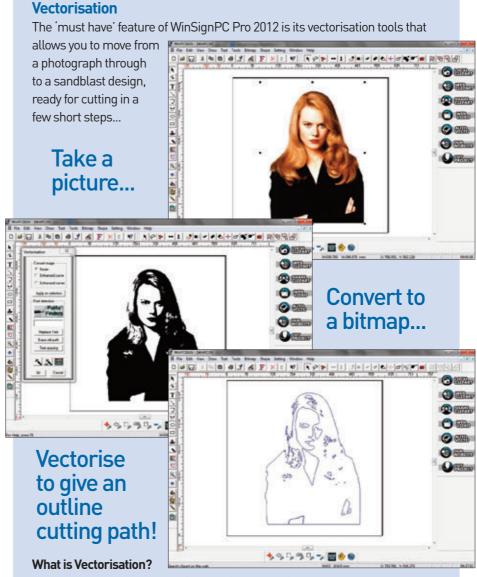
WinPCSign comes with drivers for both our APD and CadBlast plotters and for over 500 other vinyl cutters on the market today.



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.

REGALEAD I SOFTWARE DESIGN SOLUTIONS

-



Design CDs: Sandblasting

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

۲



-



Notes



Notes



Notes













۲

