



The Diamond Collection

The definitive range of Fanlights
from CMS Enviro Systems

Traditional Fanlights Bevelled Glass Fanlights

Traditional Fanlights

Our definitive range of fanlight designs includes classical and traditional floral designs as well as art nouveau and contemporary.

Each design is created using a high specification, colour-stable polyester film with built-in UV inhibitors and natural finish pure lead strip. The designs are equally as effective when applied to clear or patterned glass.



RTF1



RTF2



RTF3



RTF10



RTF11



RTF12



RTF19



RTF20



RTF21



RTF28



RTF29



RTF30

Traditional Fanlights



RTF4



RTF5



RTF6



RTF7



RTF8



RTF9



RTF13



RTF14



RTF15



RTF16



RTF17



RTF18



RTF22



RTF23



RTF24



RTF25



RTF26



RTF27



RTF31



RTF32



RTF33



RTF34



RTF35



RTF36

Traditional Fanlights



RTF37



RTF38



RTF39



RTF40



RTF41



RTF42



RTF43



RTF45



RTF46



RTF47



RTF53



RTF54



RTF66



RTF67



RTF68



RTF69



RTF70



RTF71



RTF72



RTF73



RTF74



RTF75

Bevelled Glass Fanlights

Clear Bevels

Clear glass bevels provide exceptional depth and radiance with three dimensional balance. They are handmade from 5mm glass and when combined with lead profiles and coloured glass effect films, they create a stunning focal point for any fanlight design.



RBF1



RBF2



RBF3



RBF4



RBF5



RBF6



RBF7



RBF8



RBF9



RBF10



RBF11



RBF12



RBF13



RBF14



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RBF20

Bevelled Glass Fanlights



RBF21



RBF22



RBF23



RBF24



RBF25



RBF26



RBF27



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RBF37



RBF57



RBF58



RBF59



RBF60



RBF61



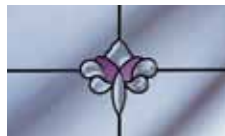
RBF62



RBF63



RBF64



RBF65



RBF66



RBF67

Bevelled Glass Fanlights

Glue Chipped Glass Bevels

A further option and one that gives the bevel designs an added dimension are clusters with a textured surface finish. By enhancing the relief effect they bring a spectacular sparkle the designs. They are made by glue-chipping the glass – a traditional technique that creates a fern effect of clear and frosted glass.



RBF28



RBF32



RBF33



RBF36



RBF38



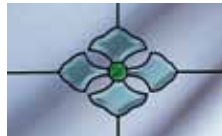
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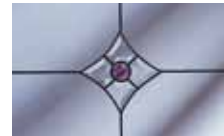
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Glass Jewels

Glass jewels are available in five striking colours; amethyst, aquamarine, blue, green and red as well as clear. Their extra facets create even more stunning light effects and work beautifully in designs which incorporate glass bevels and coloured films.



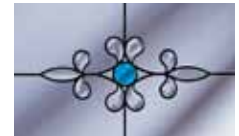
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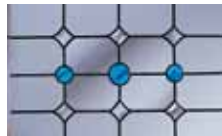
RBF72



RBF73



RBF74



RBF75



RBF76



RBF77

Bevelled Glass Fanlights

Coloured Glass Bevels

Add a splash of colour to your bevelled glass design with our range of multi-coloured clusters.

Choose from blue, green or bronze to further enhance the three dimensional bevel effect through the changing depth of colour through the different angles.



RBF40



RBF41



RBF42



RBF43



RBF44



RBF45



RBF46



RBF47



RBF48



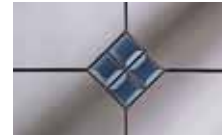
RBF49



RBF50



RBF51



RBF52



RBF53



RBF54



RBF55



RBF56



RBF69



RBF70

Overview

The fanlight designs shown in this brochure are constructed using the highest quality overlay products which have been used successfully in Decorative Glass applications for many years and have gained a reputation for quality and reliability.

RTF 'Traditional Fanlights' utilise lead profiles and high performance Stained Glass Art Film in a variety of colours and textures.

RBF 'Bevelled Glass Fanlights' are constructed using handmade bevelled glass pieces permanently bonded to the window glass, combined with lead profiles and Stained Glass Art Film.

Quality Standards

All the fanlights are normally manufactured into insulated glass units to be installed in modern high performance window systems. The products are manufactured within scope of ISO9001:2000 and conform to the latest European quality BSEN 1279 which guarantees high standards of both thermal insulation and long life.

Design and Colour Options and Limitations

Film and Lead Colour Options: Lead finishes and Film colours used are suggestions and therefore may be changed. Swatches are available showing alternative colours.

Bevel Size Limitations: Designs shown in the brochure are based on a fanlight size of 520mm wide by 350mm high but usually can be adapted to fit most other fanlight sizes. However, glass bevels are standard sizes and for smaller fanlights consideration should be made of their suitability in an overall design.

Technical Performance

Stained Glass Art Film: These materials are polyester based and have excellent UV resistance due to the high performance ink systems. They are colour stable and conform to BSEN1279 requirements.

Lead Profiles: All lead profiles use high performance pressure-sensitive adhesive for permanent application to windows which is guaranteed for a minimum of 10 years.

Lead Oxidisation: Like any natural product exposed to the environment, self adhesive lead will undergo a level of atmospheric transformation. This is normal and occurs because the lead oxidises to form a naturally protective film on the surface. It will eventually settle down to take on the 'weathered lead' appearance that is admired in old buildings.

Soldered Joints: Some of the fanlights show the joints soldered. This is to give a more traditional appearance only and does not have any effect on the technical performance. Soldered joints are only available on fanlights where natural lead is used, and not where coated lead is used.

Bevel Adhesives: Bevels are permanently bonded to the window glass using an adhesive system that has been weather and time tested to conform to ASTM-G53-94 standards.

Cleaning and Maintenance

Fanlights can be cleaned regularly using water based proprietary glass cleaners. Always avoid the use of any cleaners that may contain solvents or have an abrasive effect on the surface cleaned.

Photographic and Printing Limitations

Due to the nature of the printing process, colours in real light conditions may vary slightly from those shown in the brochure. Stained Glass Art Film colour samples are available to verify colours.

Leading Designs for Windows/Doors and Fanlight Borders

Natural - 99.5% pure lead strip which will gain a natural grey patina with time to create a traditional leaded window look. Joints can be soldered to create an even more traditional effect.

Platinum - Lead coated with a clear satin weatherproof polymer coating to avoid problems sometimes associated with the ageing process of lead. The protective coating should not be abraded and thus soldered joints are not possible.

Antique - Lead coated with a dark grey weatherproof polymer coating to give a dark antique 'ready aged' lead effect. The protective coating should not be abraded and thus soldered joints are not possible.

Brass - Lead coated with a high gloss polymer to give a brass effect. This product is particularly attractive when combined with Regabevels. The protective coating should not be abraded and thus soldered joints are not possible.



Elizabethan



Stewart



Gothic Arches



Queen Anne



Windsor



Cumberland



Georgian



Jacobean



Westmoreland



Hanover



Queen Caroline



Cleveland

Leading Designs for Windows/Doors and Fanlight Borders

A range of 8 traditional fanlight borders which can be applied with or without colour to enhance any bevel design.



Border 1



Border 2



Border 3



Border 4



Border 5



Border 6



Border 7



Border 8

High Specification Antique and Platinum that stands the test of time

New and advanced Antique and Platinum coated lead strips will not age or weather; they are not subject to the discolouring effects of oxidation; so you can be sure they'll keep their rich, attractive Antique black and Platinum silver appearance in the great tradition of classic window design. Both Antique and Platinum coated leads are manufactured using environmentally friendly plating techniques, and have been fully weather and age tested to ASTM-G53-96 Standards. Choose now from a full range of Oval profile lengths and widths.

Product Description

Natural, Platinum, Antique and Brass are high performance self adhesive lead strips manufactured under procedures and specifications laid down in ISO 9002. The products are designed for permanent application to decorative interior or exterior glass surfaces in both single and double glazed unit applications.

The decorative finish of Platinum, Antique and brass is produced by a polymer coating which is pigmented. The coating has excellent adhesion to the lead surface and applications on external surfaces exposed to direct UV light and weathering are stable.

After product application and glazed installation care should be taken to prevent damage to the

surface lead strip. The use of abrasive cleaners and aggressive solvents should always be avoided. The products conform to the UV test requirements of BS5713 part A.2.4 for double glazed units.

Specification

Coating: Polymer based with high performance UV stabilised pigments. Test results for weathering to ASTM G53-96 QUVB (1000 hours) are available on written request. Lead content: 99.5% pure lead modified with antimony to improve weathering performance and surface polish.

Adhesive: High performance acrylic pressure sensitive giving a minimum 10 year life when applied to manufacturer's specification.



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Accreditations;

