



Ravensby Glass Co Ltd

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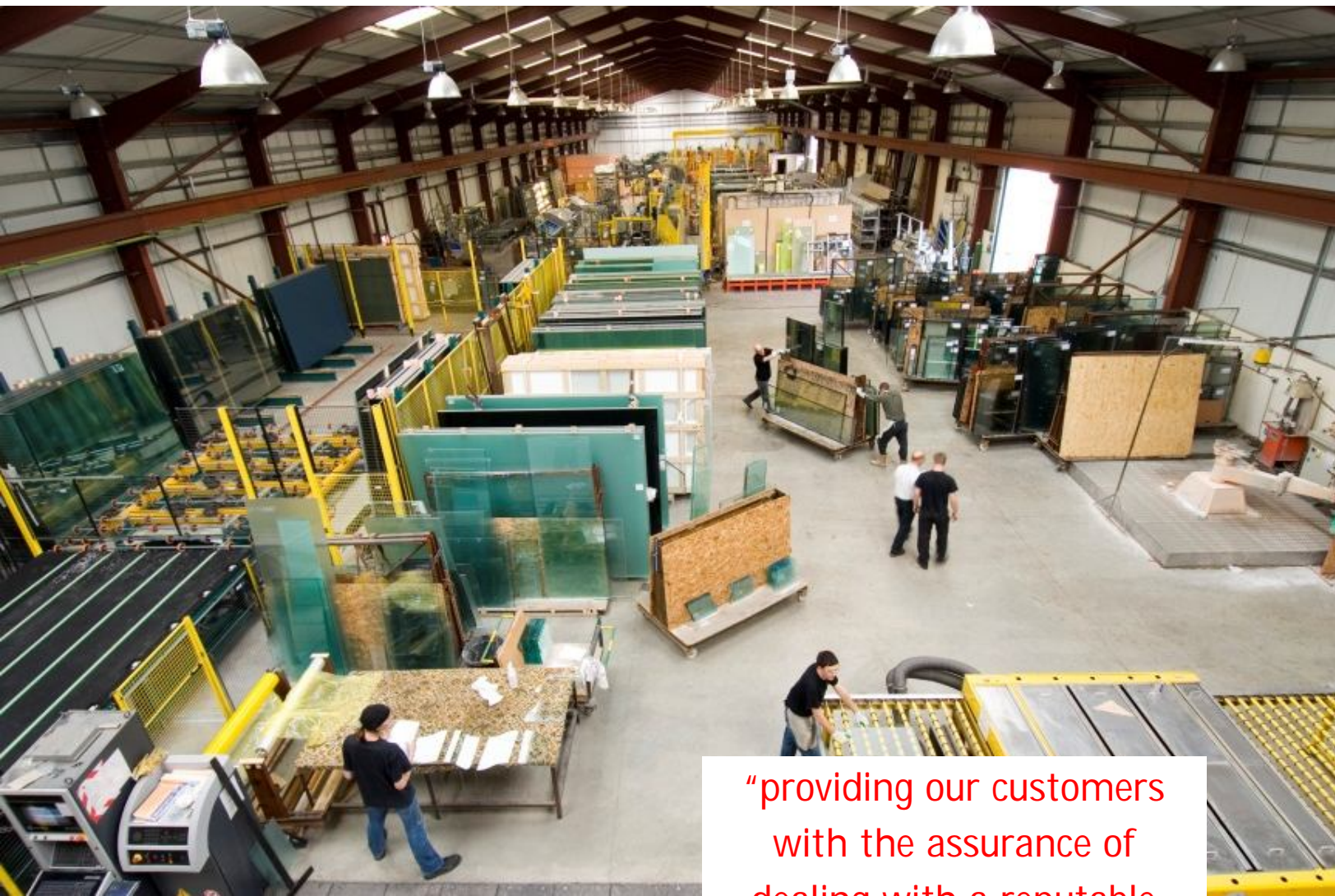
Sealed Units

Toughened Glass

Processed Edge Work

Fire Resistant Glass

Colourlite Painted Glass



“providing our customers with the assurance of dealing with a reputable company ”

Ravensby Glass Co Ltd ... is a well established company having been trading since 1985. Within our purpose built 80,000 sq ft factory we manufacture and supply all types of glass and sealed units. We are part of a group of companies with our parent company being in existence for over 150 years thus providing our customers with the assurance of dealing with a reputable company with a stable background. We have, and will continue to set the highest standards of quality for all processed products as demonstrated by our British Standard institution certifications. BS EN 1279-2-3 for the manufacture of sealed units and BS EN 12150-1 for the toughening of glass.

Here at **Ravensby Glass** we pride ourselves in our ability to maintain customer satisfaction and our

fast, high quality product dispatch. We currently deliver to a wide spectrum of companies throughout Scotland and England on a daily basis. Deliveries are carried out via our extensive fleet of 18 tonne lorries, purpose built to hold the carriage of 'A' frames designed to transport glass and sealed units.

As an ever expanding company we are continually investing and exploring ways to offer both our existing and future customers the ultimate package for all their glass requirements.



BSEN 1279-2-3
KM 25420



BSEN 12150-1
KM 54502

Sealed Units >



“Machinery designed for fast, efficient and high quality production”

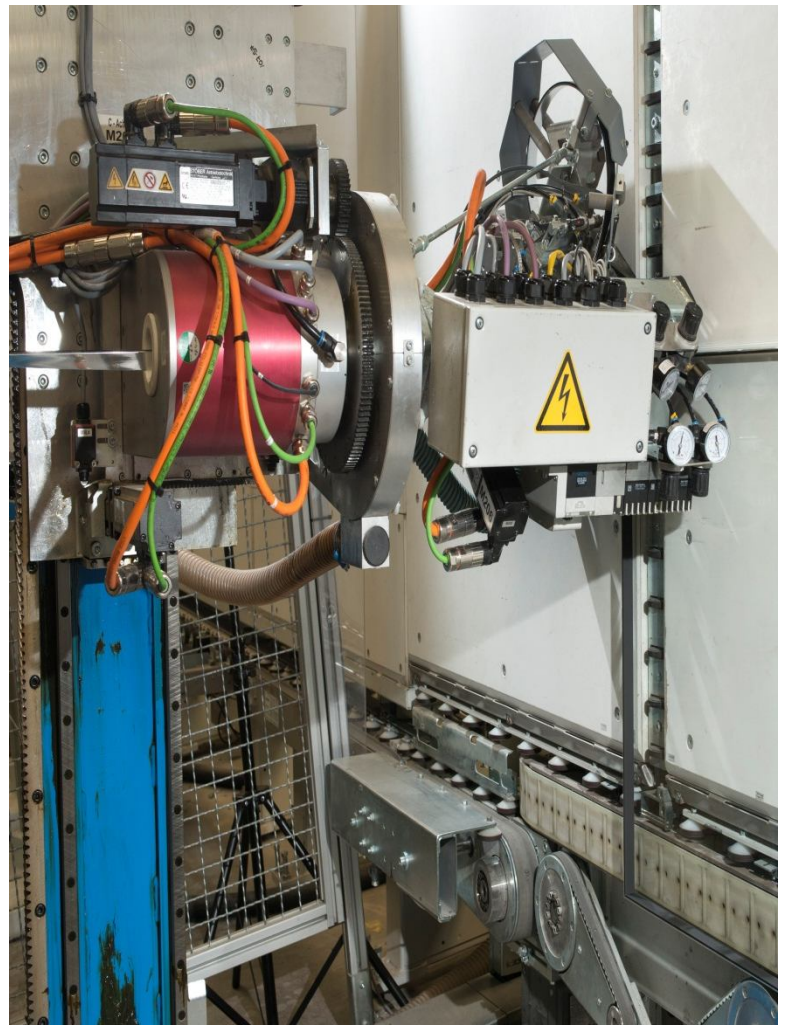
Our Factory is equipped with the highest specification machinery designed for fast, efficient and high quality production. This equipment combined with our highly trained production personnel allow **Ravensby Glass** the confidence to operate, and manufacture our products to the level of quality required by today's customer.

Product Specification:-

- Standard Double Glazed Units
- Triple Glazed Units
- Heritage Units
- Soft Coat Low 'E'
- Hard Coat Low 'E'
- High Specification Solar Control
- Argon and Krypton Gas Filling
- Bioclean Self Cleaning Glass
- Insulated Units with Integral Blinds
- Decorative Units (including Georgian and Leaded)
- Laminated to comply with Secure by Design

Machinery:-

- 3 Fully Automatic Cutting Tables with Laminated Cutting Facility.
- Portal Crane Selection System.
- 2 Automated Integrated Glass Production Lines Incorporating Warm Edge Technology Applicators and Sealing Robots.
- Spacer Bar Bender for Aluminium Bar option.
- Independent Production line with Keyless Argon and Krypton Gas facility.



Visit us at www.ravensbyglass.co.uk

Warm Edge Technology *Super Spacer* >

Building Regulations continue to demand lower overall window 'U-values.'
These values can be achieved with the help of our Leading Industry recognised " *Super Spacer*".

Up to 70% reduced Condensation



Super Spacer® reduces condensation by up to 70% virtually eliminating the potential breeding ground for mould growth and bacteria.

Up to 2Db noise reduction



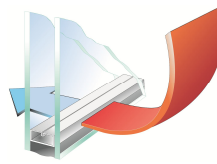
Sealed units featuring Super Spacer® have been proven to reduce transmission by up to 2dB.

Up to 65% warmer at the edge



Windows fitted with Super Spacer® have a warmer internal edge temperature of up to 65% reducing heat loss through the edge of the glass.

Up to 950 times less conductive

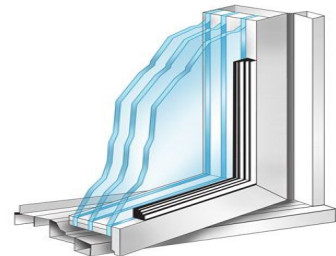


Super Spacer® is Up to 950 times less conductive than standard aluminium spacer, blocking thermal bridging from the outside surface.

Triple Glazing & U-Values >

The overall heat transfer co-efficient or U-Value measures how well parts of the glazed unit transfer heat.

Insulated Units		Cavity Width (mm)							
		6	8	10	12	14	16	18	20
Double Glazed Units	Clear Float / Air / Clear Float	3.3	3.1	3.0	2.9	2.8	2.7	2.8	2.8
	Clear Float / Argon / Clear Float	3.1	2.9	2.8	2.7	2.7	2.6	2.6	2.7
	Clear Float / Air / Planitherm Total 1.2	2.5	2.1	1.8	1.6	1.5	1.4	1.4	1.4
	Clear Float / Argon / Planitherm Total 1.2	2.0	1.7	1.5	1.3	1.2	1.2	1.2	1.2
	Clear Float / Air / Planitherm Ultra	2.5	2.1	1.8	1.6	1.5	1.4	1.4	1.4
	Clear Float / Argon / Planitherm Ultra	2.0	1.7	1.5	1.3	1.2	1.1	1.1	1.2



Insulated Units		Cavity Width (mm)							
		6	8	10	12	14	16	18	20
Triple Glazed Units	Clear Float / Air / Clear Float / Air / Clear Float	2.3	2.1	2.0	1.9	1.8	1.8	1.7	1.7
	Clear Float / Argon / Clear Float / Argon / Clear Float	2.1	1.9	1.8	1.8	1.7	1.7	1.6	1.6
	Clear Float / Air / Planitherm Total 1.2 / Air / Clear Float	1.9	1.6	1.4	1.3	1.2	1.1	1.1	1.1
	Clear Float / Argon / Planitherm Total 1.2 / Argon / Planitherm Total 1.2	1.6	1.3	1.1	1.0	0.9	0.8	0.7	0.7
	Clear Float / Air / Planitherm Total 1.2 / Argon / Clear Float	1.6	1.3	1.2	1.1	1.0	0.9	0.9	0.9
	Clear Float / Argon / Planitherm Total 1.2 / Argon / Planitherm Total 1.2	1.3	1.0	0.9	0.8	0.7	0.6	0.6	0.6
	Clear Float / Air / Planitherm One / Air / Clear Float	1.8	1.6	1.4	1.2	1.1	1.0	1.0	1.0
	Clear Float / Air / Planitherm One / Argon / Planitherm One	1.5	1.2	1.0	0.9	0.8	0.7	0.6	0.6
	Clear Float / Argon / Planitherm One / Argon / Clear Float	1.5	1.3	1.1	1.0	0.9	0.8	0.8	0.8
	Clear Float / Argon / Planitherm One / Argon / Planitherm One	1.2	0.9	0.8	0.7	0.6	0.5	0.5	0.5

The values above apply to both 4mm and 6mm glass with an aluminium spacer.
Ratings are centre pane glass U-Values given in W/m²K
Argon ratings based on 90% fill.

Additionally we offer Krypton gas filled cavities which will achieve enhanced 'U-Values' in smaller cavities.

Contact us on **(01382) 480842**

'Heritage' Double Glazed Units >

For Listed Buildings, Conservation Areas, Historic Buildings

12mm Unit

Minimum Size 150mm x 150mm Maximum Size 600mm x 600mm
7mm Sightline

4mm Super Low 'E' / 4mm Super Spacer / 4mm Clear – Argon filled
U-Value **2.5 W/m2K**

4mm Super Low 'E' / 4mm Super Spacer / 4mm Clear – Krypton filled
U-Value **1.8 W/m2K**



14mm Unit

Minimum Size 150mm x 150mm Maximum Size 750mm x 1000mm
7mm Sightline

4mm Super Low 'E' / 6mm Super Spacer / 4mm Clear – Argon filled
U-Value **2.0 W/m2K**

4mm Super Low 'E' / 6mm Super Spacer / 4mm Clear – Krypton filled
U-Value **1.5 w/m2K**



16mm Unit

Minimum Size 150mm x 150mm Maximum Size 750mm x 1200mm
7mm Sightline

4mm Super Low 'E' / 8mm Super Spacer / 4mm Clear – Argon filled
U-Value **1.7 W/m2K**

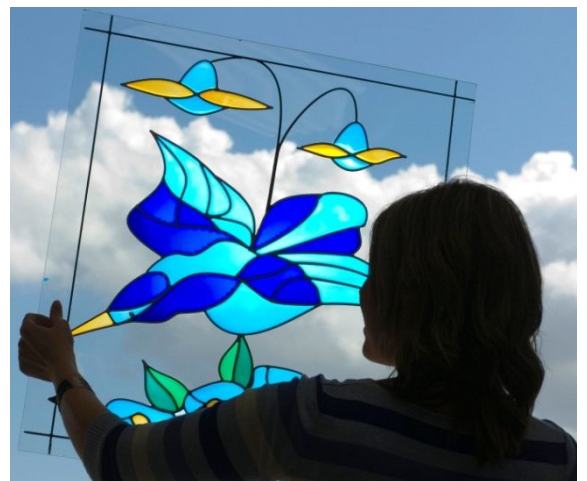
4mm Super Low 'E' / 8mm Super Spacer / 4mm Clear – Krypton filled
U-Value **1.2 w/m2K**

Decorative >

Our Comprehensive library of colour and design provides architects, designers, door and window manufacturers and builders with a vast selection of designs.

Our decorative products include –

- Traditional Lead
- Georgian
- Contemporary
- Futuristic
- And many more



Our highly advanced resin dispensing and colouring method enables us to consistently and accurately replicate these designs on glass. Once again quality, speed of delivery and customer choice and satisfaction are guaranteed.

Visit us at www.ravensbyglass.co.uk

Toughened >



Here at **Ravensby Glass** we have our own in-house toughening facility, enabling us to supply toughened products to all industry sectors at the highest level of quality and service.

We worked closely with Tamglass to ensure the furnace was individually built to cater for all of our customers' current and future needs.

Complete installation:

- Tamglass HTF 2142 toughening furnace (largest of its type in Scotland).
- Fully automatic arising line with automatic laser toughened etching stamp.
- Toughening glass from 4 – 19mm thick.

Products supplied to:

- Fenestration
- Balustrading
- Shopfitting
- Museum Showcases
- Doors and many more...

Processing >

Ravensby Glass supplies its products to many diverse industry sectors and to this end, continues to invest in the most up to date processing equipment.

Operations:

- Cutting
- Polishing
- Drilling
- Intricate cut outs (including socket cut outs)
- External notches
- Brilliant Cutting
- And many more

Intermac CNC -

The Intermac CNC (Computer Numerical Control) is one of our latest investments and has proven to be a great success. The combination of this model with our highly trained operatives ensures a high quality finish at all times.



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Processing >

Straight Line Polishers –

- High quality polishing with a quick turnaround.
- Mitred edging.
- Large Maximum Dimensions.



Drill –

- Highly accurate piece of equipment which enables us to drill various sizes of holes with great precision.

Additional Equipment includes-

- **Straight Line Beveller - Allows us to provide wide bevels up to 40mm.**

The finished glass is supplied for many varying applications such as:

- Furniture
- Museum Showcase
- Internal Doors
- Mirrors
- Shopfitting
- Decorative Work



'Colourlite' Painted Glass >

Manufactured by **Ravensby Glass**, 'Colourlite' is a made to measure, opaque coloured glass which is ideal for:-

- Kitchen and Bathroom Splashbacks
- Shower and Wet Room Walls
- Wall coverings or Architectural Features
- Facades
- Worktops and Tabletops
- Spandrels
- And much more....



Ravensby Glass 'Colourite' is a stylish alternative to tiles and worktops and helps eliminate the need for tiling which means no more discoloured, cracked tiles and mouldy grout. Glass surface is the cleanest and most hygienic available, and when painted with one of our over 300 available colours the effect is stunning and will add that little bit of glamour and designer feel to a property.



We process the 'Colourlite' glass using a combination of digitising for replicating templates, laser guided drills and CNC cutting machines, to accurately process cut outs for sockets, hobs, and notches. Our state of the art KLEENGLASS automatic paint system then ensures each 'Colourlite' pane is processed with an even coverage of paint.



The Kleenglass system is a spray machine that combines productivity, high flexibility and reliability with limited man handling and wastage. At **Ravensby Glass** we pride ourselves in offering the best service to all our customers and we strive to be at the forefront of industry technological advancements.



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'Colourlite' Spandrel Panels >



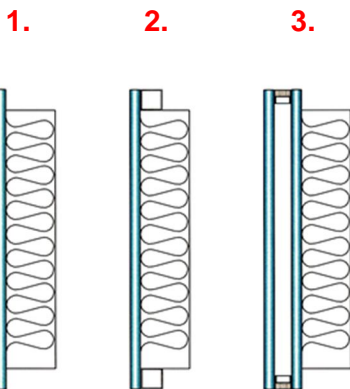
Our Unique in house paint system offers a fantastic finish to our 'Colourlite' product, available in all RAL or BS colours. Available with insulation backing providing U-Values as low as 0.3W/m2K.

Double Glazed 'Colourlite' Spandrel Panels are available in over 300 colours and have the option to be supplied with insulation fixed to the painted surface. The insulated options include:

- foam with foil backing
- foam in an aluminium powder coated tray



Some of the standard constructions:



1. Single 'Colourlite' with stepped insulation for glazing directly into a single glazing rebate.
2. Single 'Colourlite' with stepped insulation and an aluminium channel to fit an insulating rebate.
3. Insulated 'Colourlite' with stepped insulation.



Benefits

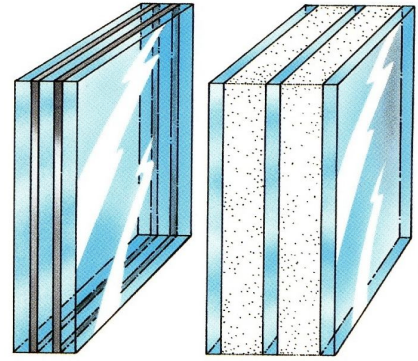
- Total concealment of internal structure or services.
- Free from discolouration by internal condensation or deposit of volatiles.
- Insulation options to meet most performance requirements.
- No colour fading.
- Ease of installation.
- Available toughened.
- Resistance to corrosion and chemical attack.
- Minimal maintenance.



Fire Resistant Glass >

Ravensby Glass have recognised the ever increasing demand for the use of fire resistant glazing as architects and specifiers look increasingly for larger glazed screens and doors.

To accommodate this demand, Ravensby Glass process and distribute products from the world's leading manufacturers of fireglass.



We offer a huge range of both integrity and insulation glasses including:

- 30 minutes integrity only
- 60 minutes integrity only
- 30 minutes integrity / 30 minutes insulation
- 60 minutes integrity / 30 minutes insulation
- 60 minutes integrity / 60 minutes insulation



Integral Blinds >



Ravensby Glass can now offer a revolutionary system that allows blinds to be incorporated within a sealed insulated unit and operated externally by means of magnet.

The blinds can be raised, lowered or tilted by the magnet, which is operated by either a cord pull or by an external motor.

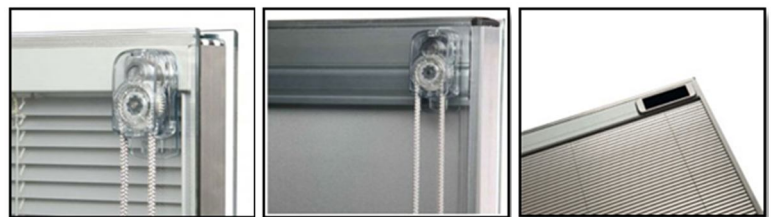
Benefits:

- Blinds remain clean and free from dust and dirt for their lifetime.
- Suitable for glazing into any external facade system.
- Blinds remain free from accidental damage
- Direct sunlight reduced
- Windows easier to open
- Sills kept free

Venetian

Roller

Remote Controlled Venetian



"The magnetic system allows the blind control to be easily removed when not in use"