



# Bringing Light Into Living



# KESTREL ALUMINIUM SYSTEM

Established in 1989 as a specialised supplier to the commercial door and window fabricator we have built a reputation for excellent service and reliability by putting you, the customer, at the heart of what we do.

## STOCK RANGE

An extensive range of sections for shopfronts, commercial doors, curtain-walling, windows and glazed roofs, standard sections and sheet material is available. We offer alternative lengths for most of our sections to ensure the customer is able to choose the most economical options for any order. Typically, 6.1m, 3m and 1.5m lengths can be selected when specifying powder coated sections from us.

## FINISHES

Most sections are stocked in mill finish, natural anodised and white powder coated. We have our own powder coating facility so can offer industry leading turn-around times on a vast range of standard colours. This gives us the control to ensure a high-quality finish and your material when you need it.

## DELIVERY

Using our own fleet of dedicated vehicles and drivers, we provide an efficient delivery service to all parts of the country from our central base. We do not work to a rigid delivery schedule, preferring instead to co-ordinate with the needs and demands of our customers. This means our deliveries are generally made within days, even for powder coated material, accommodating even the most stringent requirements.

## TECHNICAL SUPPORT

The technical team continuously develops the systems to ensure new and existing products meet and exceed the demands of the market. We offer knowledgeable guidance and advice at all stages, from initial specification, to U-value and wind-load assessment, through to workshop and on-site support. We have in-house estimating support which is available to our customers to assist them in the efficient creation of quotations and cost breakdowns. It produces detailed drawings, optimised cutting reports, glass sizes and is supported by our experienced and dedicated team who provide demonstrations and training.





a flexible solution for aluminium systems



## DOOR SYSTEMS

We offer a comprehensive range of door suites for the commercial and residential marketplace.

The shopfront system has sections to create both flush and bead glazed frames to suit all applications. The main framing sections are 100 x 45mm for both single and double glazed options and are designed to ensure straightforward and robust fabrication that can be easily glazed on-site. The door system can be tailored with a wide choice of sections to make any style of door leaf including finger guard, auto swing, manual and automatic sliding, sliding folding and rebated, all with inclusive sections for enhanced weathering and practicality. Doors are typically of tie rod construction and have proven to be extremely secure and long lasting, accommodating a range of glazing materials from 6mm to 28mm. To complement the sections we also stock a comprehensive range of door hardware and accessories to meet all the security and safety requirements of today's market.

Our residential door systems include a rebate door with fixed sidelights or fan lights that can be incorporated into the design. And a Sliding Patio Door with narrow profile faces which creates a dramatic removable wall providing uninterrupted views to the outdoors. The Bifold Sliding Door completes the range and has been specifically designed to enable the doors to fold flush against each other, providing seamless lines and maximum visibility. A Corner option features compact corner post that folds neatly with the doors as they are stacked. All Kestrel doors are compatible with their range of thermal framing or window systems and provide commonality of design in one comprehensive solution. Personalisation can be provided with single or dual colour powder coating as required.



## WINDOW SYSTEMS

Different window systems can be specified with or without thermal breaks, the sections make it possible to fabricate many styles of windows with cils, coupling and weather bar profiles complementing the suites and offering flexibility of construction and design. Square and sloping beads are used to accommodate materials from 6mm to 28mm. Window hardware and accessories are stocked so you can choose from cockspur handles, espagnolette locking and matching handles, top and side hung friction hinges and trickle vents.



## CURTAIN WALLING

The curtain walling system is an economical and attractive facade cladding for buildings where good weather and thermal performance is required. The system is suitable for low and medium rise applications and has a range of mullion and transom depths to select from. It is designed to be zone drained and has been CWCT tested, providing important thermal performance from the use of co-extruded PVCu pressure plates. It will accommodate glazing options from 6mm to 28mm, and is fully compatible with our window and door suites. As with our shopfront system, a full range of accessories is also available.

## FLAT ROOFLIGHT SYSTEM

A contemporary but practical Flat Rooflight designed to meet the needs of the modern commercial building using sustainable materials which deliver superior aesthetics and crisp clean lines. Once installed the secure rooflight maximises natural light providing an elegant appeal to any office, school or hotel whilst offering a steady airflow for ventilation purposes.

## GLAZING BARS

The roof glazing bar range is designed in accordance with BS5516 (British Standard Code Of Practice for Patent Glazing) and can be specified as standard or thermally improved versions. Light, standard and heavy-duty glazing bars are available. Square and sloping caps are designed to work with common infill materials from 6mm glass through to multi-wall polycarbonate sheet and insulating glass units. The system can be used in vertical as well as sloped applications. The range of profiles includes sheet closures, eaves and end fillers, adjustable wallplate, rafter bars, fixing plates and end and glass stops.



## THERMAL LANTERN SYSTEM

Our Thermal Lantern System has been designed to make fabrication simple, stress and fuss-free to meet the needs of the modern building. Fully thermally broken with no compound mitre cuts our Thermal Lantern System can be easily screwed together. Corner joints are performed with mechanical cleats which with the aid of punch tooling provide a strong, neat and secure joint to each of the corners of the lantern rooflight. The jointing system makes site assembly possible meaning transportation and manual handling of the materials onto the roof become easier. The eaves profile has been designed with a render stop, allowing internal finishes to be brought up to the underside of the lantern rooflight providing a neat slick finish. By increasing the glazing area it creates a lighter feel to the lantern rooflight from inside. The hip bars and glazing bars are supplied pre-machined to fit neatly against the eaves profiles. This means that the fabricator only has one cut to achieve the correct bar length before assembling each hip/glazing bar subsequently cutting down on fabrication time.

## STANDARD SECTIONS

We complement our aluminium systems with a full range of standard sections that includes angles (equal and unequal), channels, flat bars, hollow box sections and tee bars. We also supply a wide range of aluminium sheet.

## A FLEXIBLE SOLUTION FOR ALUMINIUM SYSTEMS

The accessories we stock mean that Kestrel is not just about aluminium section. We stock a comprehensive range of hardware to meet all the security and safety requirements of today's market.

# THE KESTREL SYSTEM IN USE

Kestrel's systems have been used throughout the UK and abroad for clients that include Sainsbury's, Boots, Abbey National, The Post Office, Asda, McDonalds, and in many of the country's main shopping centres. Below is a small selection.



## WHAT DO WE DO

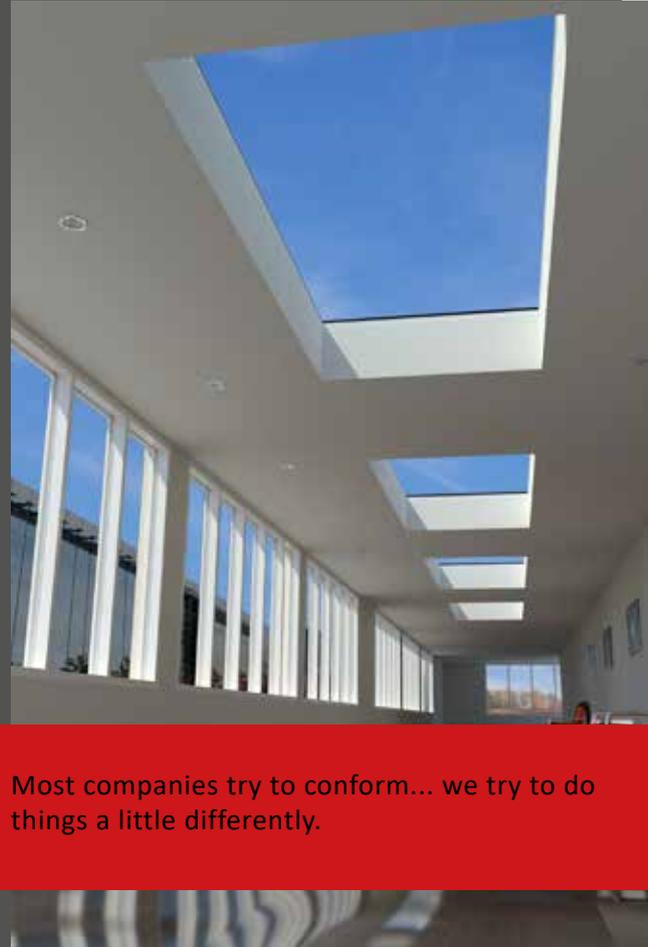
Kestrel Aluminium Systems supply a wide range of quality aluminium extrusions and accessories for the fabrication of shopfronts, commercial doors, curtain walling, windows and glazed roofs.

## WHY CHOOSE US?

Since incorporation in 1989 the company has grown and developed a reputation which is based on many years of reliable service. We build a close relationship with our customers by offering them a flexible service they know they can rely on. Having our own powder coating facility and transport fleet means we typically deliver within days for mill, anodised and even powder coated finishes.

## FOCUS ON SERVICE

Our long-term relationship with customers is built on the foundation stone of reliable service.



Most companies try to conform... we try to do things a little differently.



**KESTREL**  
ALUMINIUM SYSTEMS

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