

T&K 45th
ANNIVERSARY
HOME IMPROVEMENTS

ALUMINIUM COLLECTION





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MADE IN BRITAIN



In compliance with British Standards
ISO 14001, ISO 9001 and ISO 45001.

**10-year manufacturer's
guarantee**



SLEEK, CHIC & SECURE

Our carefully crafted range of aluminium products makes it easy for you to find the perfect new windows and doors for your home.

For a small project or a more significant build or refurbishment, aluminium is the ultimate choice delivering exceptional performance and stunning aesthetics.

The slimline construction of our aluminium windows and doors allows large glazed areas to make the most of natural light and minimise reliance on artificial lighting.

While the look may be subtle and understated, performance is not. Robust and resilient weatherproof frames combine with a range of thermally efficient glazing options to help maintain a safe, and cozy environment – helping you to control your energy consumption*.

Aluminium has further green credentials too – it can be recycled endlessly without losing performance and using recycled aluminium saves up to 90% of the energy used in the processing of mined product.

Secured by Design (SBD) is an official UK Police initiative that aims to reduce crime in the home by promoting security standards. Secured by Design accreditation gives you additional peace of mind offering enhanced security without compromising on performance or functionality.

Our range of windows and doors can be supplied in a standard colour range, including dual colour options and we can also provide a more tailored selection from the RAL colour system**.

So much choice, so many possibilities.



*Energy efficiency may vary according to door panel size, glass type and glazing option selected.
**See page 20 for colour options.



ENERGY EFFICIENCY BUILT IN

Our aluminium windows feature a polyamide thermal break system which creates a thermal barrier inside the frame to ensure that warm and cold air stay on the appropriate sides of the window.

This barrier is put in place during construction of the window frame, and special seals are used in the rebate regions to ensure the frame is airtight.

Combined with your choice of double or triple glazing our aluminium range provides a range of energy efficiency options.

U-value

A U-value is a unit of measurement, in W/m²K (watts per metre square kelvin), used to measure the transference of heat through a structure. It's used to determine how quickly heat can escape through a material. The lower the U-value of a material, the slower the heat will transmit through the material, meaning the material has high thermal insulation properties.

Depending on the precise specification and configuration selected our aluminium range delivers a range of U-values. Please see the individual product pages for more details.



A SECURE CHOICE

Your doors and windows are your first line of defence against a burglary, and by choosing our famously tough and expertly designed products, you can sleep easier at night.

As well as the durable nature of aluminum frames and our robust glazing options you can be further assured by the high security locking mechanisms and hardware available with our range.

Our entrance doors come as standard with multi-point locking systems and a secure barrel hinge, all of which are intended to increase home security.

Our aluminium windows feature 58mm frame depth, offering incredible strength and enhanced security while standard hardware includes friction stays and shoot bolt locking to support convenience and safety.

Regardless of which product and configuration you choose we can offer a range of security options and accreditations including PAS 24 and Secured By Design - a Police Preferred specification, that through rigorous testing of products provides assurance that security standards are achieved.





CLASSIC,
VERSATILE &
CONTEMPORARY

ALUK 58BD HI ENTRANCE DOOR

The AluK 58BD HI Entrance Door combines a contemporary aesthetic with the more serious businesses of security and thermal efficiency.

Multi-point locking mechanisms contribute to enhanced performance, with the complete doors delivering PAS 24 security standards in line with the Secured by Design (SBD) UK police accreditation scheme.

A choice of double or triple glazing provides a thermal insulation U-value* as low as 1.1 W/m²K.

This design can be specified for a single entrance or configured as a pair to create a versatile French door for when you need that extra space and grace.

All configurations are in compliance with Part L and Part M Building Regulations - this means that they are appropriate for both new construction and renovation projects.

Key Features

- Sleek design and sophisticated technology.
- Multi-point locking system.
- Secured by Design accreditation with PAS 24 certification.
- Double/triple glazed for enhanced thermal efficiency featuring U-values* as low as 1.1 W/m²K.
- Single or double (French) door configuration.
- Inward or outward opening options.
- Available in a range of single, dual or custom colour options**.
- 10-year manufacturer's guarantee.

*U-value may vary according to glass type and glazing option selected.

**See page 20 for colour options.

EDGEGLIDE+[®] INLINE SLIDING DOOR

Sliding doors add elegance and practicality to your home, with stylish frames and a large glazed area to introduce natural light, and a welcoming atmosphere.

The EdgeGLIDE+[®] Inline Sliding Door features a sleek profile and elegant design enhanced by top quality colour-matched hardware.

A choice of double or triple glazing provides a thermal insulation U-value* as low as 1.2 W/m²K.

With a range of finishes and options, you'll find the smooth gliding functionality a pleasure to use, and you'll revel in the sleek profile.

Key Features

- Sleek design with contemporary square look.
- Multi-point locking system.
- Improved thermal performance from polyamide thermal break design.
- Double or triple glazing options delivering U-values* as low as 1.2 W/m²K.
- Available in a range of single, dual or RAL custom colours**.
- Colour-matched hardware.
- 10-year manufacturer's guarantee.

*U-value may vary according to door panel size, glass type and glazing option selected.
**See page 20 for colour options.





WATCH THE WORLD UNFOLD



UNIFOLD HI BI-FOLD DOOR

Bi-fold doors can be fully opened up in larger spaces to reveal uninterrupted views and create a real focal point feature to any room.

Open or closed, UniFOLD HI bi-fold doors allow the sunlight to flood in, and when the outdoors is calling, their slick folding mechanism allows you to swiftly open up your home and enjoy a seamless connection with your open spaces.

The multi-point locking system provides additional reassurance and you can also select an option featuring full PAS 24 security standards in line with the Secured by Design (SBD) UK police accreditation scheme.

Thermal insulation delivers a U-value* as low as 0.9 W/m²K, and you can choose between double or triple glazing.

*U-value and BFRC energy rating may vary according to door panel size, glass type and glazing option selected.

**See page 20 for colour options.

Key Features

- BFRC energy rating* A (double glazed) and A++ (triple-glazed).
- Sleek design with contemporary square look.
- Multi-point locking system.
- Secured by Design accreditation with optional PAS 24 certification.
- Double or triple glazing options for enhanced thermal efficiency, delivering U-values* as low as 0.9 W/m²K.
- Available in a range of single, dual or RAL custom colours**.
- 10-year manufacturer's guarantee.



UNDERSTATED
ELEGANCE



ALUK 58BW ST HI CASEMENT WINDOW

Whether it is a replacement for old steel windows or a stylish new installation to replicate that sleek steel look, an aluminium replacement will provide superior performance to complement your property. As well as durability, slimline aluminium profiles allow for larger glazing areas to help let light flow into your home.

The AluK 58BW ST HI Casement Window offers clean lines and advanced functionality, whether you are working on a new build project or seeking stylish replacements for your old windows.

This window is available in a number of configurations as well as a range of colours and anodised finishes to give you flexibility in terms of shade and hue.

Key Features

- Available with double or triple glazed options offering U-values* as low as 1.1 W/m²K.
- Improved thermal performance from polyamide thermal break design.
- Multi-point locking systems.
- Secured by Design accreditation with optional PAS 24 certification.
- Available in a range of single, dual or RAL custom colours**.
- Colour-matched hardware.
- 10-year manufacturer's guarantee.

*U-value may vary according to glass type and glazing option selected.
**See page 20 for colour options.



ALUK 58BW ST HI FLUSH CASEMENT WINDOW

Perfect for a variety of projects and scope, so whether you are undertaking a large, small or bespoke project, these custom designed windows are the perfect solution.

The sleek Aluk 58BW ST HI Flush Casement Window provides a large glazed area with maximum durability and weather resistance. As well as an enhanced energy performance from the polyamide thermal break system, the window also provides an acoustic barrier to support the peaceful ambience of your home.

This window is available in a number of different configurations including top hung casement windows, as well as side hung, fixed sash and multi-light.

Select from a variety of colours to blend in seamlessly with your property and desired feel.

Key Features

- Available with double or triple glazed options offering U-Values* as low as 1.2 W/m²K.
- Multi-point locking systems.
- Secured by Design accreditation with optional PAS 24 certification.
- Improved thermal performance from polyamide thermal break design.
- Available in a range of single, dual or RAL custom colours**.
- 10-year manufacturer's guarantee.

*U-value may vary according to glass type and glazing option selected.

**See page 20 for colour options.



MINIMAL SIGHTLINES, MAXIMUM DURABILITY

ALUK 58BW HI TILT-AND-TURN WINDOW

The AluK 58BW HI Tilt-and-Turn window provides safe and secure ventilation, pivoting from the bottom of the window, to let fresh air into your room from the top.

An ideal choice for families with young children offering exceptional child safety and simple operation. The mechanism also allows the window to be opened into the room to increase airflow and make cleaning easy.

Key Features

- Multi-point locking systems.
- Secured by Design accreditation with optional PAS 24 certification.
- Available with double or triple glazed options offering U-values* as low as 1.3 W/m²K.
- Improved thermal performance from unique polyamide thermal break design.
- Available in a range of single, dual or RAL custom colours**.
- 10-year manufacturer's guarantee.

* U-value may vary according to glass type and glazing option selected.
** See page 20 for colour options

SLIM, SLEEK, SECURE

COLOUR OPTIONS

Our aluminium window and door ranges are supplied in a comprehensive choice of standard colours, including dual colour with ultra-tough, durable finishes.

Durability is enhanced by using a special flash-anodising process. Completed ahead of powder coating this creates a protective anodised layer of aluminium oxide providing a better substrate for powder coating and also preventing corrosion.

It means that the finish on our aluminium windows and doors can withstand the worst our weather can throw at it and is guaranteed for 10-years.

Standard colours



Dual colours



Special colours

If you really want to add a special touch to your aluminium installations you can choose from a selection of custom colours from the RAL colour system.





FINISHING TOUCHES

While the classic style and slick functionality of our aluminium windows and doors will really complement your home, we know that security will always be a priority – that is why we aim to achieve Secured by Design certification on our products.

Delivering safety and security doesn't mean any sacrifice to style and function though. We complement our ranges with hardware fittings that as well as operating efficiently remain tactile and pleasurable to use, and of course, beautiful to behold.

Every element of our hardware is impeccably designed, engineered and undergoes rigorous testing that includes lifetime use simulation.

That means fine, robust engineering allied to sleek, understated style. Under the surface, the rollers, bogeys, seals and brushes, contribute to smooth, efficient operation while the handles, locks and hinges integrate seamlessly with styles and colours to contrast with or precisely match your chosen application.

Atlanta

AluK 58BD HI Entrance Door

Black
 Anthracite Grey
 White
 Silver
 Chrome

Tokyo

Black
 White
 Silver
 Chrome

UniFOLD HI Bi-Fold Door

Black
 Anthracite Grey
 White

AluK 58BW ST HI Windows

Black
 Anthracite Grey
 White
 Silver
 Chrome

EdgeGLIDE+® Inline Sliding Door

Black
 Anthracite Grey
 White
 Silver

AluK 58BW HI Tilt-and-Turn Window

Black
 Anthracite Grey
 White
 Silver

Please note that hardware is not available in extended RAL colour system.



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HOME IMPROVEMENTS

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