



Alu-tec

Windows & Doors



ALUK[®]

SHAPING HOMES WITH ALUMINIUM SINCE 2012

We have been helping homeowners create beautiful, modern, and durable spaces since 2012. We specialise in aluminium windows and doors. Products that are not only sleek and stylish but also long-lasting and low-maintenance.

To make sure every home we work on looks its best, we use high-quality AluK aluminium profiles. AluK is a world leader in aluminium systems, known for their strength, versatility, and elegant finish. This means our windows and doors won't just look fantastic, they'll perform reliably for years to come.

Because of our close partnership with AluK, we can offer bespoke solutions, tailored to your requirements. Whether you're renovating, extending, or building new, we are here to provide expert guidance and quality products that make your home shine.

WINDOWS 4 - 11

ENTRANCE DOORS 12 - 17

BIFOLD DOORS 18 - 21

SLIDING DOORS 22 - 27

CONTACT





58BW CASEMENT WINDOW SYSTEM

1.4

U-Value
(Double glazing)
Can be achieved



Multiple Configurations

58-70

mm
Depth Options



4

Built to the highest UK standards, the 58BW Window System delivers a high performance and cost-effective solution with impressively narrow profiles. Equally at home on residential and commercial projects, the system is available in a number of formats including Top Hung, Side Hung and French Casement.

The system's clean lines and advanced functionality meet the demands of almost every modern building construction. Its competitive pricing also makes it a highly popular choice with specifiers both in the UK and around the globe. In addition to being certified under Secured By Design and tested to PAS 24, the 58BW also holds a Green Guide 'A' rating.

DESIGN FEATURES

- Integrated deep head profiles for ease of trickle ventilation
- Reverse rebate option for internal glazing throughout
- Casement system sightlines to match the tilt and turn
- Supports both open-in and open-out projects

Visit www.alu-tec.co.uk/hardware for furniture options

PERFORMANCE

U-Value (Double Glazing) (Ug: 1.0 W/m²K)

U-Value (Triple Glazing) (Ug: 0.7 W/m²K)

Window Energy Rating (WER)

BRE Green Guide Rating

Air Permeability

Water Tightness

58BW CASEMENT HI

1.4 W/m²K

1.2 W/m²K

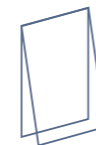
B - C

A rated

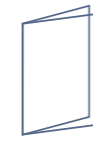
Class 4 (600 Pa)

Class 9a (600Pa)

CONFIGURATIONS



TOP
HUNG



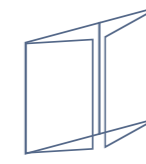
SIDE
HUNG



FIXED
LIGHT



MULTI
LIGHT



FRENCH
CASEMENT

5

scan to explore
configurations and full
product details





58BW FLUSH WINDOW SYSTEM

1.4

U-Value
(Double glazing)
Can be achieved



Multiple Configurations

70 mm

Depth



6

The 58BW Flush HI window combines minimal sightlines and maximum weather resistance with all the best features of the tried and trusted 58BW HI range: advanced performance, versatility and security.

A flawless, flush finish and slim sightlines makes this the perfect choice for contemporary new build and refurbishment projects. With a choice of slim sashes and a range of window configuration options, the 58BW Flush HI can be used to achieve a sleek, minimal aesthetic to suit any project.

DESIGN FEATURES

- Slimmer sightlines – 45mm ultra-slim sash
- Unique polyamide thermal break design to improve thermal performance
- Open-out sashes including top and side-hung.
- Available in a range of standard and RAL colours

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PERFORMANCE

58BW FLUSH HI

U-Value (Double Glazing) (Ug: 1.0 W/m²K)

1.4 W/m²K

U-Value (Triple Glazing) (Ug: 0.7 W/m²K)

1.2 W/m²K

Depth

70 mm

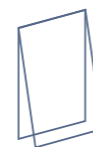
Air Permeability

Class 4 (600 Pa)

Water Tightness

Class 9a (600Pa)

CONFIGURATIONS



TOP
HUNG



SIDE
HUNG



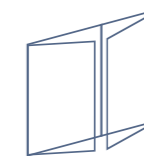
FIXED
LIGHT



MULTI
LIGHT



DUMMY
SASH



FRENCH
CASEMENT

7

scan to explore
configurations and full
product details





Ideal for projects where planning or design requires the installation of sympathetic materials, our 58BW ST HI Steel Replacement Window System provides the look of steel with the benefits of aluminium. Designed to replace and complement existing steel windows, the range has been specifically developed for use on listed buildings, warehouses and similar buildings, where steel windows have always traditionally been fitted.

Available in a wide range of styles including Top Hung, Side Hung, Fixed Light and French Casement, the system cleverly replicates the narrow sight lines associated with steel windows whilst providing superior performance and security. The system also includes hardware that is sympathetic to traditional steel window designs.

DESIGN FEATURES

- Slim sightlines to match existing steel windows
- Internally and externally beaded for ease of site glazing on high-rise applications
- Accommodates standard hardware including friction stays and shoot bolt locking

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PERFORMANCE	58BW ST HI
U-Value (Double Glazing) (Ug: 1.0 W/m²K)	1.4 W/m²K
U-Value (Triple Glazing) (Ug: 0.7 W/m²K)	1.1 W/m²K
Window Energy Rating (WER)	A - B
BRE Green Guide Rating	A rated
Air Permeability	Class 4 (600 Pa)
Water Tightness	Class EI500 (1500 Pa)

58BW HERITAGE WINDOW SYSTEM

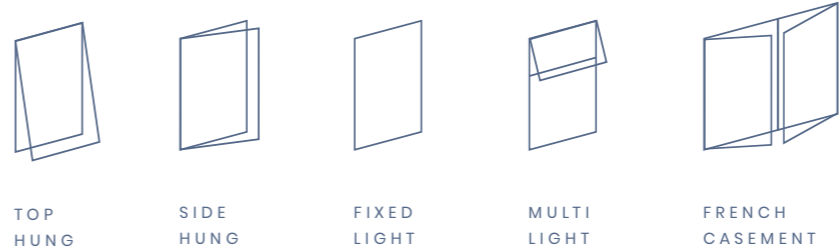


1.4
U-Value
(Double glazing)
Can be achieved

✓
Multiple Configurations

43 mm
Sightline
(Fixed Light)

CONFIGURATIONS



scan to explore configurations and full product details





58BW TBT WINDOW SYSTEM

1.4

U-Value
(Double glazing)
Can be achieved



Multiple Configurations

58-70

mm
Depth Options



Offering exceptional child safety and seamless operation, our tilt-before-turn windows give homeowners greater peace of mind while maintaining everyday convenience. They are an ever-popular choice not only for multi-residential and light commercial applications, but also for modern homes, apartments, and renovations where safety and practicality matter.

For homeowners in multi-storey or high-rise properties, they offer the added benefit of internal glazing and easy cleaning from inside the room, reducing the need for external access and making ongoing maintenance simpler, safer, and more cost-effective.

DESIGN FEATURES

- Available in a range of single or dual colour and anodised finishes
- Available in the following aesthetics: Bay, Contemporary and Square
- Available in the following configurations: tilt-before-turn, side hung, fixed light and multi-light
- Available for Lifetime Homes (LFT)

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PERFORMANCE

58BW TBT HI

U-Value (Double Glazing) (Ug: 1.0 W/m²K)

1.4 W/m²K

U-Value (Triple Glazing) (Ug: 0.7 W/m²K)

1.2 W/m²K

Window Energy Rating (WER)

C

BRE Green Guide Rating

A rated

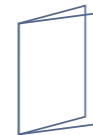
Air Permeability

Class 4 (600 Pa)

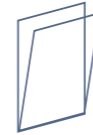
Water Tightness

Class 8a (600Pa)

CONFIGURATIONS



SIDE HUNG



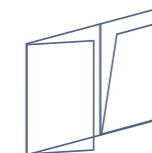
BOTTOM HUNG



FIXED LIGHT



MULTI LIGHT



TILT BEFORE TURN

scan to explore configurations and full product details





Available in a wide range of styles and formats, our stylish aluminium entrance door system is suitable for both light and medium-duty use, making it a practical choice for a variety of residential settings. Designed with security and flexibility front of mind, each door offers dependable performance alongside a clean, modern appearance that enhances your home's entrance.

Every door in the range is available in both single and double configurations, providing the versatility to suit different property styles and layouts. Strong, reliable, and thoughtfully engineered, our entrance doors deliver lasting quality and everyday peace of mind without compromising on style.

DESIGN FEATURES

- 58mm or 70mm frame depth to accommodate varying types of applications
- A Low threshold option
- Available in a range of single or dual colour and anodised finishes
- Available for new build or refurbishment
- Glazing 24mm – 40mm

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PERFORMANCE	58BD HI
U-Value (Double Glazing) (Ug: 1.0 W/m²K)	1.3 W/m²K
U-Value (Triple Glazing) (Ug: 0.7 W/m²K)	1.1 W/m²K
Wind Resistance	Class A3 (1200 Pa)
Depth	58mm - 70mm
Air Permeability	Class 4 (600 Pa)
Water Tightness	Class 8a (600Pa)

58BD HI DOOR SYSTEM

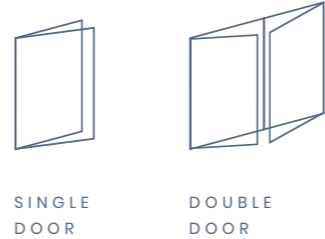
1.3
U-Value
(Double glazing)
Can be achieved

✓
Multiple Configurations

58-70
mm
Depth Options



CONFIGURATIONS



SINGLE DOOR

DOUBLE DOOR

scan to explore configurations and full product details





Stylish and industrial, the Heritage Entrance Door allows you to create a seamless aesthetic across a wide range of door opening sizes and uses, from single doors to French doors with multiple fan lights.

Slim sightlines of just 51.7mm allows maximum light transmission, elegantly framing outside space. All complemented by market-leading U-Values of 1.4 w/m²K making it fully compliant with Part L Building Regulations for refurbishment projects.

Crafted to match the Heritage window range, its shared profiles, beads, and ancillaries offer new and existing fabricators a full heritage range of windows and doors with less stock-holding and simple fabrication.

DESIGN FEATURES

- Suited Heritage door hardware and handles in four colours/textures
- Option to add multiple horizontal and vertical profiles to door sash using plant-on bars or 46.5mm door transom profile
- Configurations of single / double / open-in / open-out with options for side and fan lights

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PERFORMANCE	58 BD ST
U-Value (Double Glazing) (U _g : 1.0 W/m ² K)	1.4 W/m ² K
Max Vent Weight	65 kg
Glazing Thickness	24 - 28 mm
Depth	58 mm
Air Permeability	600 Pa (Class 4)*
Water Tightness	750 (Class E750)*

HERITAGE DOOR SYSTEM

1.4

U-Value
(Double glazing)
Can be achieved



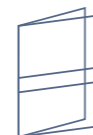
Multiple Configurations

58 mm

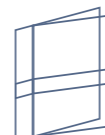
Depth



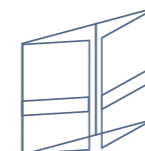
CONFIGURATIONS



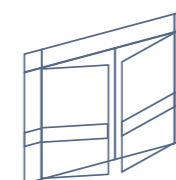
SINGLE DOOR
OPEN-IN &
OPEN OUT



SINGLE / DOOR
DOUBLE DOOR
+ SIDE LIGHTS



DOUBLE DOOR
OPEN-IN &
OPEN-OUT



SINGLE / DOOR
DOUBLE DOOR
+ FAN LIGHTS

scan to explore full
product details





The 77 ID Fully rebated door system is ideal for new build and refurbishment developments and is available with a collection of aluminium door designs, structurally bonded to the face of the sash. The system has been specifically designed to meet the most demanding UK performance requirements in terms of thermals, weathering and security.

Boasting modern, contemporary styling, the 77ID system features a fully rebated flush sash profile design for an uninterrupted sleek finish. Utilising high-performance polyamides, insulated centre seals, profile foam insertions and sound muffling gaskets, the door achieves class leading weather and acoustic performance.

DESIGN FEATURES

- Wide variety of configurations & door designs
- Three hinge methods to choose from face mounted and slim barrel
- Available for new build or refurbishment projects
- Available in single & dual colour: Three premium oxide finishes also available.

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PERFORMANCE	77 PANEL ID
U-Value (Triple Glazing) (Ug: 0.7 W/m²K)	1.0 W/m²K
Glazing Options	46 mm / 52 mm
Wind Resistance	(Class C4)
Depth	77 mm
Max Sash Weight	150 Kg
Water Tightness	(450 Pa)

77ID FLUSH DOOR SYSTEM

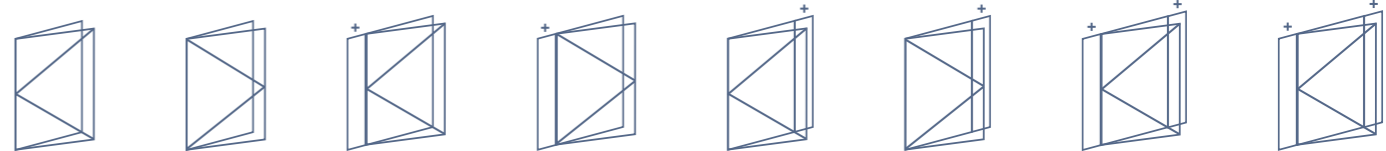


1.2
U-Value
(Double glazing)
Can be achieved

✓
Multiple Configurations

77 mm
Depth

CONFIGURATIONS



KEY

HINGED LEFT HINGED RIGHT FIXED PANEL

scan to explore full product details





The ICONIK is an advanced bifold system designed to deliver slimmer sightlines, larger glass panels, faster fabrication and simplified installation. Achieves low U-values of 1.0 W/m²K (triple glazing) and 1.3 W/m²K (double glazing) without foams through advanced interlock seals and increased compression in the corner mould.

With a 4mm tolerance, there is no need to measure the final panel, making Iconik faster to install than the competition. Added to this, the Quik Clip Bead clips into place securely in seconds for faster fitting. Create a bifold, a single or a double door, in either Slim or Standard with the same outerframe and components, and changing only the sash.

DESIGN FEATURES

- Non-Handed Lock and Keep – easier fabrication and installation
- Optional Shootbolt Locking for larger openings
- Slim Hinges and Rollers – modern, elegant design
- High-Capacity Rollers – 130 kg per panel, smooth operation
- Thermal Insulation – plastic isolators and glazing foam.

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PERFORMANCE

U-Value (Double Glazing) (Ug: 1.0 W/m²K) Slim

ICONIK

1.3 W/m²K

U-Value (Triple Glazing) (Ug: 0.7 W/m²K)

1.0 W/m²K

Wind Resistance

Class A3 (1200 Pa)

Depth

80mm

Air Permeability

Class 2 (300 Pa)

Water Tightness

Class 5a (200 Pa)

ICONIK BIFOLD DOOR SYSTEM

1.3

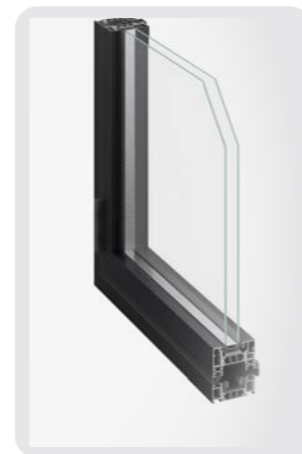
U-Value
(Double glazing)
Can be achieved



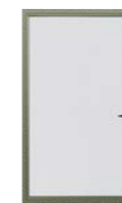
Multiple Configurations

87mm

Sightline
Interlock with slim sash



CONFIGURATIONS



SINGLE DOOR



DOUBLE DOOR



BI FOLD DOOR

(STANDARD SASH ONLY)

scan to explore
all available
configurations





The BSF70 HI Folding Door System gives maximum control over the style and operation of the doors. Multiple panels can be added to accommodate the unique design specifications of the building, with the option to open-in or out as required. The system's narrow profile ensures that maximum glazing is achieved, flooding spaces with natural light.

In addition to the inherent strength of aluminium, the BSF70 HI combines security hinges and locking mechanisms with a unique heavy-duty roller design to provide the security and reliability demanded in high traffic applications. The system also incorporates a pop out T-handle design that allows for square flush stacking panels when doors are fully open.

DESIGN FEATURES

- Internally beaded with a softline or square detail to all external doors and panels
- Four stainless steel wheels ensures smooth and consistent operation
- High-Capacity Rollers – 130 kg per panel, smooth operation
- Integrated frame cill available

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PERFORMANCE	BSF70 HI
U-Value (Double Glazing) (Ug: 1.0 W/m²K)	1.4 W/m²K
U-Value (Triple Glazing) (Ug: 0.7 W/m²K)	1.1 W/m²K
Wind Resistance	Class AE2400 (2400 Pa)
Depth	70mm
Air Permeability	Class 4 (600 Pa)
Water Tightness	Class 9a (600 Pa)

BSF70 HI BIFOLD DOOR SYSTEM

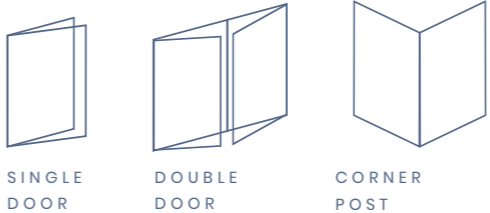
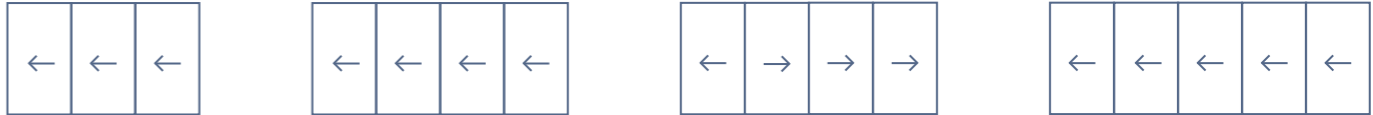
1.4
U-Value
(Double glazing)
Can be achieved

✓
Multiple Configurations

70 mm
Depth



CONFIGURATIONS



scan to explore full configurations and product details





S67 SLIDING DOOR SYSTEM

1.4

U-Value
(Double glazing)
Can be achieved



Dual Colour Option

67 mm

Depth



Introducing the S67 Inline sliding door, a modern, versatile solution that seamlessly blends high performance with contemporary design. Engineered to meet the highest UK standards, this aluminium sliding door system offers reliability and flexibility for a wide range of renovation projects and new build. The S67 achieves 1.4 W/m²K U-value with double glazing.

Compatible with a multi-point lock and equipped with a low threshold, the S67 sliding door ensures security and comfort of use on all occasions.

DESIGN FEATURES

- Mitre cut frame
- Double & triple track options
- 35 mm interlock sightline
- Standard and reinforced interlock available
- Glazing Gaskets available in Black
- Low Threshold 22mm
- Maximum height & width 2700mm X 3000mm

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PERFORMANCE

U-Value (Double Glazing) (U_g: 1.0 W/m²K)

S67

1.4 W/m²K

Glazing Thickness

24 - 32 mm

Wind Resistance

Class B3 (1200Pa)

Depth

67 mm

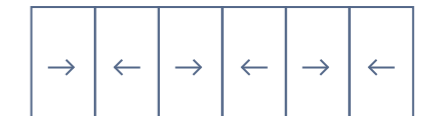
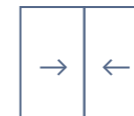
Air Permeability

Class 4 (600 Pa)

Water Tightness

Class 9a (600 Pa)

CONFIGURATIONS



scan to explore full configurations and product details





BSC94 HI SLIDING DOOR SYSTEM

1.4

U-Value
(Double glazing)
Can be achieved



Dual Colour Option

45 mm

Slim Interlock
Sightline



Modern, versatile and customisable, the BSC94 HI Inline Sliding Door combines high performance with contemporary design to provide a reliable aluminium door system for almost any architectural project. Manufactured to the highest UK standards, this multi-configuration system can achieve DSER of 'C' rating (double glazed) and sightlines of as little as 45mm.

In addition to dual colour options, a comprehensive range of colours and anodised finishes are available for the system. The BSC94 HI also features an anti bimetal low lambda strip to allow for varying expansion rates, ensuring the continued integrity of your design.

DESIGN FEATURES

- Accepts 20mm – 31mm double glazing
- Glazing Gaskets available in Black
- Anti bimetal low lambda strip to allow for varying expansion rates
- Slimmer sightline of 45mm available
- Multiple sliding configurations

Visit www.alu-tec.co.uk/hardware for furniture options

PERFORMANCE

BSC94 HI

U-Value (Double Glazing) (U_g: 1.0 W/m²K)

1.4 W/m²K

Glazing Thickness

20mm-31mm

Wind Resistance

C3 (1200 Pa)

Depth

94 mm - 155 mm

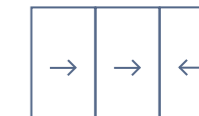
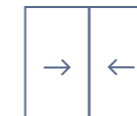
Air Permeability

Class 4 (600 Pa)

Water Tightness

Class 6a (250 Pa)

CONFIGURATIONS



scan to explore full
configurations and
product details





Infinium brings together indoor and outdoor living spaces in exquisite harmony.

Free-flowing spaces are created thanks to stunningly slim sightlines that bathe every surface with natural light.

Uninterrupted panoramic landscapes provide complete escapism, without need of escape. While seamlessly integrated floor-to-ceiling glazing reflects the clarity of thought behind every inspired design decision.

DESIGN FEATURES

- Fully concealed outer-frame
- 21mm slim interlock sightline
- One or more opening panels with large width dimensions up to 3000mm and height dimensions up to 3500mm
- Holds up to 400 kg panel weight
- Available in double or triple track
- Glazing options of 38mm – 52mm
- Internal handle only

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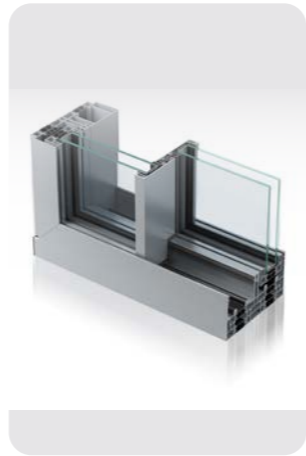
PERFORMANCE	INFINIUM
U-Value (Double Glazing) (Ug: 1.0 W/m²K)	1.3 W/m²K
Glazing Thickness	38 mm - 52 mm
Wind Resistance	Class C3 (1200 Pa up to 160 km/h)
Interlock sightline	21 mm
Air Permeability	Class 4 (600 Pa)
Water Tightness	Class 8A (450 Pa)

INFINIUM SLIDING DOOR SYSTEM

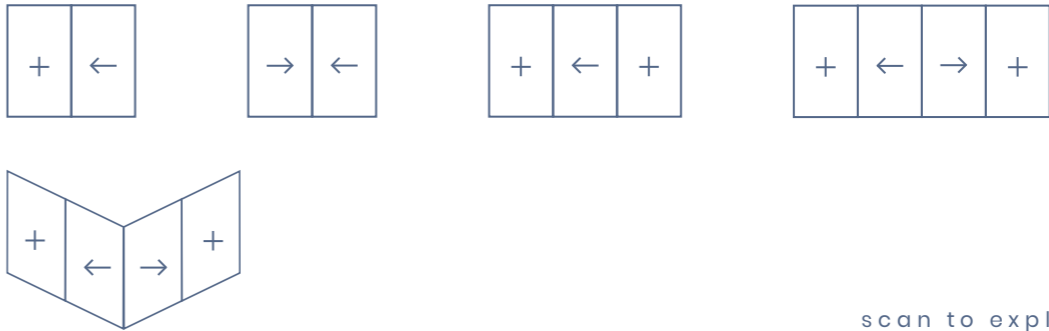
1.3
U-Value
(Double glazing)
Can be achieved

✓
Multiple Finish Options

21mm
Slim Interlock
Sightline



CONFIGURATIONS



CORNER POST

scan to explore full configurations and product details





TO FIND OUT MORE DETAILED INFORMATION ON ALU-TEC'S RANGE OF LOCKS, HANDLES, HINGES AND ANCILLARY ITEMS WE SUPPLY IN ADDITION TO OUR MAIN LINE OF PRODUCTS, CHECK OUT OUR ON SITE MATERIALS.

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