SHEERLINE®
ALUMINIUM WINDOWS AND DOORS

H|W|L Windows



SECURE SIMPLE **WARM**

sheerglide®
INLINE PATIO

FEATURING

TWIN LOCK

TECHNOLOGY



sheerglide®

combines both PAS 24 security with a full bi-directional thermal break. Creating a revolutionary aluminium inline patio - combining strength and comfort without compromise.

All delivered with Sheerline's market leading 99.4% OTIF* and exceptional technical support.

MAX WIDTH 2 Pane	MAX HEIGHT 2 Pane
1.2 - 4M	**1.85 - 2.3M**

Featuring a patented single component interlock

PAS 24
AS STANDARD

SIMPLIFIED MANUFACTURING

Utilising the advantages of Sheerline's unified design chassis and the integrated TwinLock interlock means the SheerGlide® system needs less components than a traditional inline patio system. Saving you time during fabrication and requiring less stockholding.

To further simplify production, SheerGlide® is available in fully prepped height and width kits, requiring only mitre cuts and corner assembly to produce a finished unglazed door. The ultimate answer to stockholding nightmares.

AVAILABLE AS TIME-SAVING KITS & BAR LENGTH

page 10

KIT ADVANTAGES

1/3
OF OPERATIONS vs BAR LENGTH
KIT: 40 VS
BAR LENGTH: 119

IN **UNDER HALF** THE FABRICATION TIME

REDUCE WASTE

HOLD **ZERO STOCK**

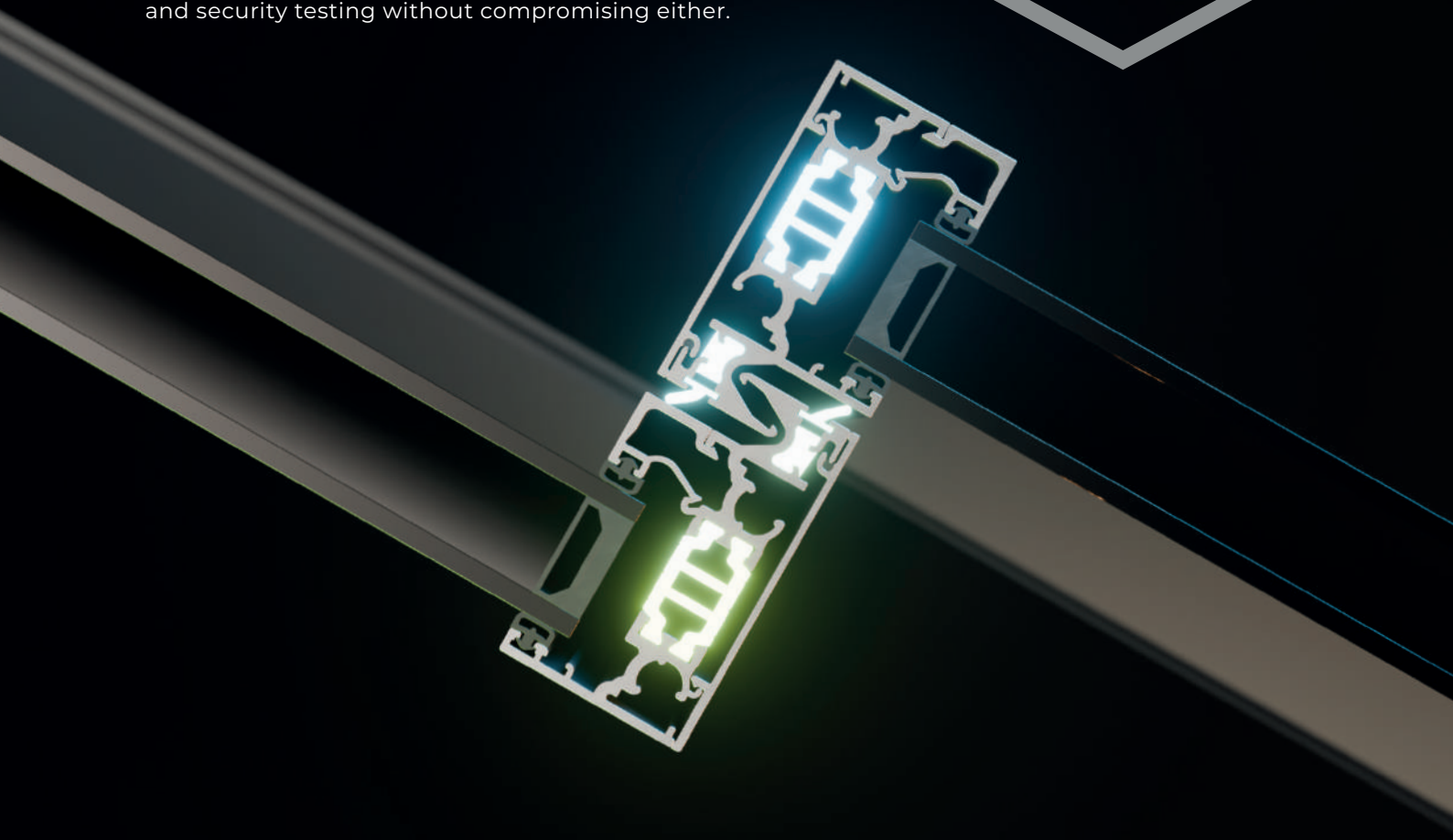
*Average for the year 2025

TWINLOCK TECHNOLOGY

Traditionally, it has been difficult for sliding patio doors to achieve PAS 24 security accreditation alongside meeting thermal performance standards - that is, until now.

Our patent pending Sheerline TwinLock interlock is strong, slim and fully thermally broken. Fully integrated into the doors, it allows SheerGlide® to pass both thermal and security testing without compromising either.

INTRODUCING THE FIRST SINGLE COMPONENT INTERLOCK



- ✓ **Integrated security in every door**
- ✓ **Fewer components for less stock and quicker fabrication**
- ✓ **Straight–forward U-values -** *No fuss, No foam*

1.4 W/(m²K)

DOUBLE GLAZED U-VALUE

1.0 W/(m²K)

TRIPLE GLAZED U-VALUE

Patent Pending: GB2522551.7 - Twinlock Interlock



PRECISION 45° MITRE CUT DESIGN

All corners are mitre cut, even the interlocks. This avoids square cut interlocks like legacy aluminium systems, creating the perfect balance of aesthetics and ease of fabrication.



AESTHETICALLY REFINED

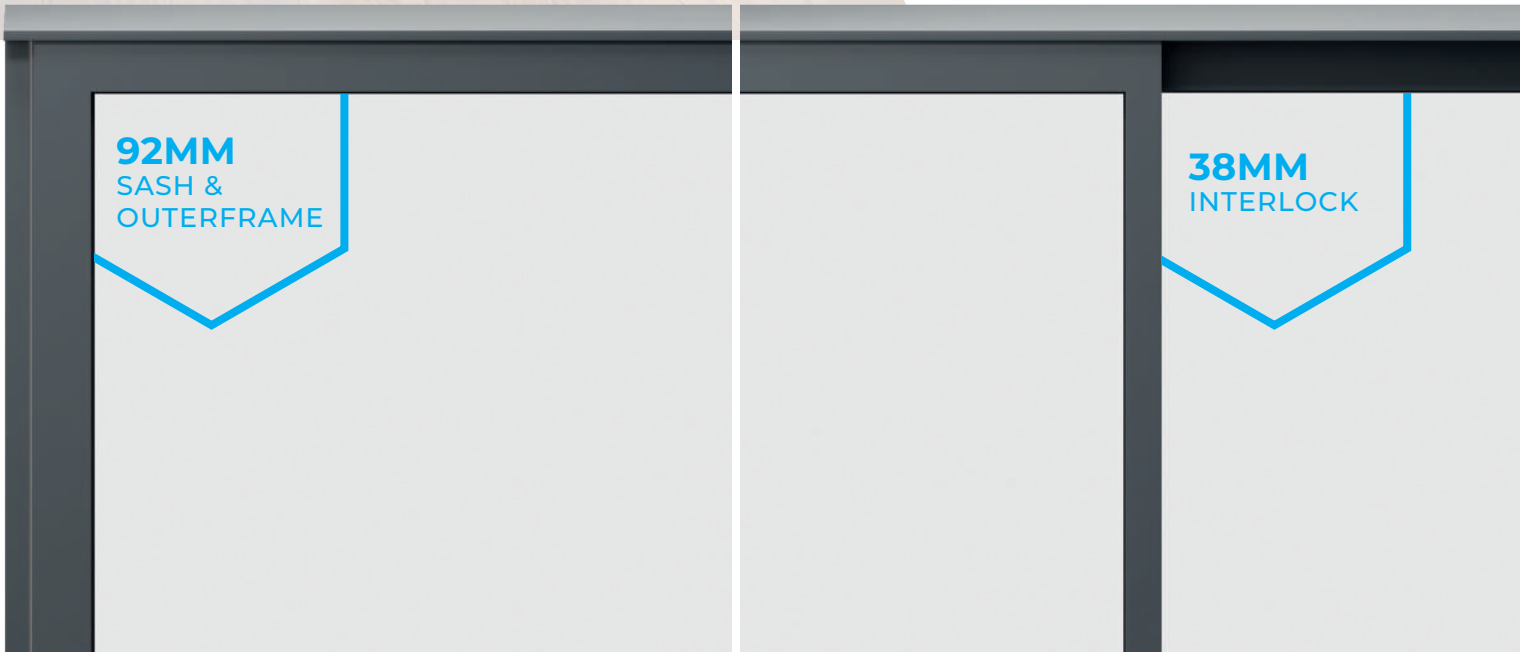
With slim sightlines and a 38mm interlock SheerGlide® perfectly continues Sheerline's reputation for beautiful aesthetics. Combining architectural refinement with modern thermal and security excellence.

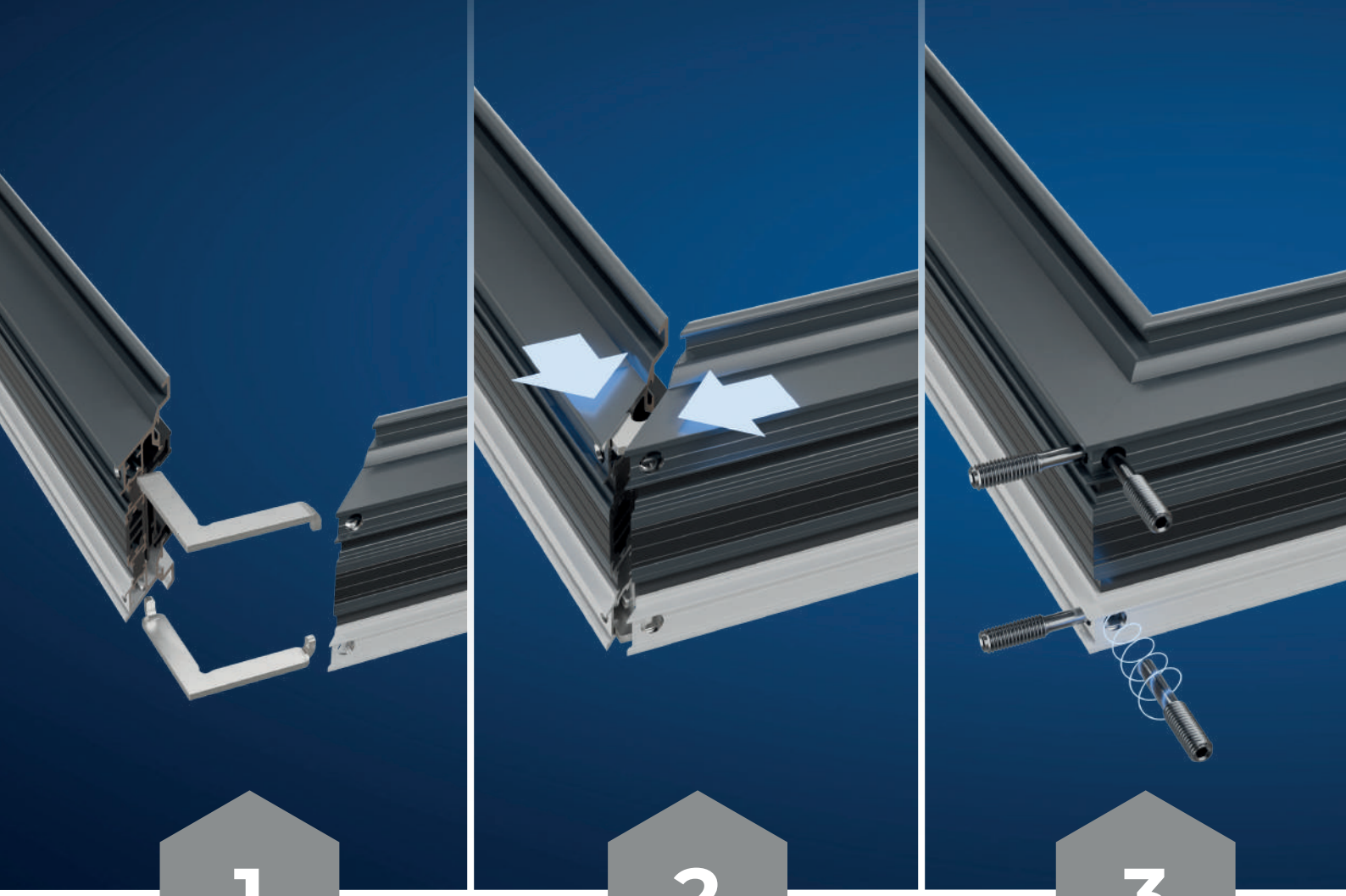
GRILLE SHROUD OPTION

Offered as a discreet, perfectly colour matched alternative to external trickle vent hoods.

SLIM 38MM NON-BONDED INTERLOCK

For ease of manufacture, transportation and installation.





WITH PATENTED QUICK CONNECT CORNER

The SheerGlide® system introduces the latest evolution of Sheerline's patented corner construction method. Designed to simultaneously reduce fabrication waste, while speeding up fabrication and eliminating misalignment in frames, our new Quick Connect Corner does it all!

Its fully stainless steel construction provides total confidence, while the inclusion of a 'bump stop' feature gives positive feedback for the fabricator during assembly, making corner assembly even more intuitive.

- ✓ **Fully Tuneable**
- ✓ **Easily Removeable**
- ✓ **Stainless Steel Strong**
- ✓ **Intuitive to Use**
- ✓ **Perfect for Speeding up Patio Production**

Patent Pending: GB2516723.0– Fast Cleat



HOOKLOCK

A modular ‘quad’ hooklock design by hardware specialists Ingenious continues SheerGlide’s high security product specification.

This true PAS 24 lock is manufactured to exacting standards, and delivers exceptional levels of reliable security and operation.

Ingenious Locks & Hardware



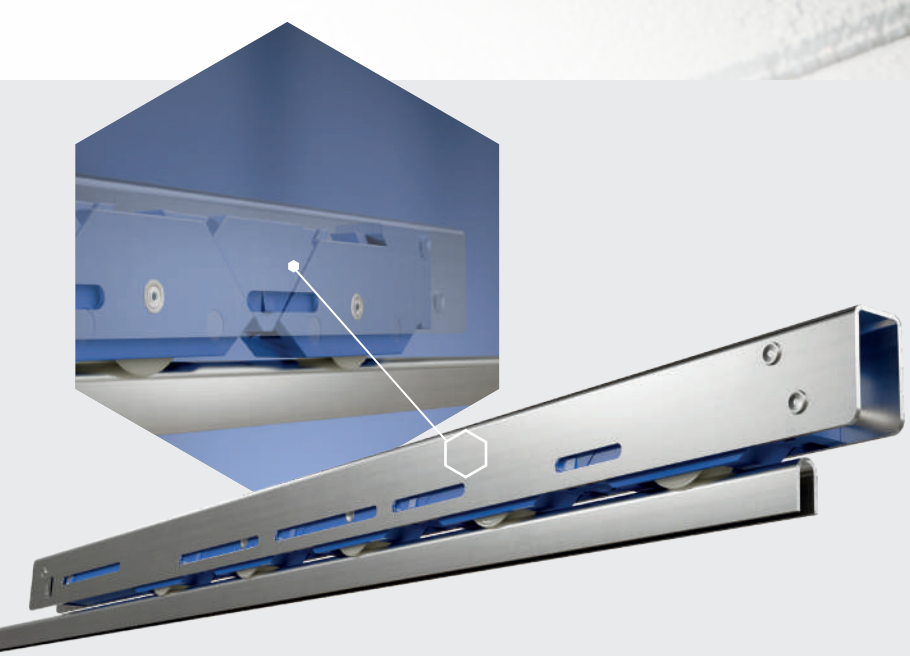
100% METAL CASTINGS

All visible castings are metal for a premium finish. Powder coated by us at our Qualicoat approved paint facility for a 100% colour-match.

THRESHOLD

An 80mm continuous frame threshold completes the perimeter of the SheerGlide® inline patio door, and makes it an ideal renovation and replacement product.

Universal cloaking trims ensure clean aesthetics and installers also have the option to sink the threshold to match the internal floor height, for the ultimate near seamless look.



SMOOTH OPERATION

Self-levelling rolling gear with an independent bogie design ensures SheerGlide® inline patio doors perform flawlessly with an ultra-smooth operation.

With each door sash rated for up to 220kg, perfect for even the biggest triple glazed doors.

Insulated with

THERMLOCK® technology

THE KING'S AWARDS FOR ENTERPRISE 2025 INNOVATION



Our ultra-wide, award-winning Thermlock® thermal breaks benefit from integrated multi-chambered designs, creating efficient insulation inside every Sheerline product.

X2

Thermlock® offers almost double the insulation when compared to polyamide. Making our windows, doors, bi-folds and lanterns inherently more efficient than systems that just use polyamide thermal breaks.

Sheerline's cills, ancillaries and corner posts also feature this same technology combined with innovative in-built weather sealing to keep draughts and rain safely outside.

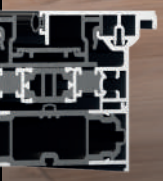
THIS ALL GOES TO MAKE SHEERGLIDE® THE MOST THERMALLY EFFICIENT ALUMINIUM INLINE PATIO IN ITS CLASS.



COMPLIANCE WITHOUT COMPROMISE

Thermal performance and **PAS 24** security go hand in hand with every SheerGlide® patio door.

PART L
Compliant ✓



MULTI CHAMBERED THERMAL BREAK

WIDER INTEGRATED ONE-PIECE DESIGN

RIGID AND MORE STABLE

WARMER THAN POLYAMIDE



KITS

SAVE TIME WITH A NEW WAY TO BUY ALUMINIUM PATIOS

SIMPLIFIED

Sheerline's customers can order this patio as bar length or ready-to-fabricate kits in five popular colour combinations on five-day lead times to make the process as simple as possible. It also means less components and zero stockholding.

CUT 119 OPERATIONS DOWN TO 40

FEWER COMPONENTS
HOLD ZERO STOCK

- **HIPCA GLOSS WHITE** 9910 Gloss
- **ANTHRACITE GREY** 7016 Matt
- **JET BLACK** 9005 Matt
- **HIPCA GLOSS WHITE** 9910 Gloss / **ANTHRACITE GREY** 7016 Matt
- **HIPCA GLOSS WHITE** 9910 Gloss / **JET BLACK** 9005 Matt

QUALICOAT
Inspired by architecture, trusted by professionals

5 DAY DELIVERY

BAR LENGTH PROFILE

Bar length profiles are delivered on our standard 5-day lead times for traditional colours, including dual combinations. With woodgrain and bespoke orders available on 10 and 15-day lead times respectively.

sheerglide®
INLINE PATIO

SIMPLE KIT ORDER PROCESS

1 SINGLE ORDER COMPLETE DOOR TO MANUFACTURE, COMPRISING HEIGHT KIT AND CHOICE OF 2 WIDTHS

WIDTH	☐ 2.3M	☑ 3.0M	HEIGHT	☑ 2.3M

KITS INCLUDE:

- Components just need mitre cutting to length and prepping for corner cleats
- All drainage, lock, keep and handle prep pre-routed
- Locks, rollers and fabrication fixings, inc Quick Connect Cleats all supplied
- Choice of non-handed handle supplied in a choice of colours

KITS EXCLUDE:

Glazing, trickle vents, installation fixings and cills

AVAILABLE IN 5 COLOURS ON OUR STANDARD 5-DAY LEAD-TIME

- ☐ HIPCA GLOSS WHITE
- ☐ ANTHRACITE GREY
- ☑ JET BLACK
- ☐ HIPCA GLOSS WHITE & ANTHRACITE GREY
- ☐ HIPCA GLOSS WHITE & JET BLACK

- Reduced wastage with zero stock
- All hardware supplied
- All gaskets and weather seals



TWO KIT HANDLE OPTIONS

- Kits are supplied with a choice of two high quality handle options

Option 1 HOPPE GROUP

- Hoppe handle is available in black, white and silver finishes.

Option 2 COASTAL

- ***Upgrade*** premium handle upgrade is available in brushed stainless steel from Coastal hardware

- ☐ HOPPE WHITE
- ☐ HOPPE BLACK
- ☐ HOPPE SILVER
- ☑ COASTAL STAINLESS STEEL

ONLY 3 DECISIONS TO ORDER

HWL

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hwlwindows.co.uk

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ALUMINIUM WINDOWS AND DOORS

HWL Windows