

The **Aluminium** Collection

Window, Door and Roof Systems



WINDOWS, DOORS & BIFOLDS

POWDER COATED FINISHES



Pure White



White Gloss *



Cream



Agate Grey



Squirrel Grey



Anthracite Grey *



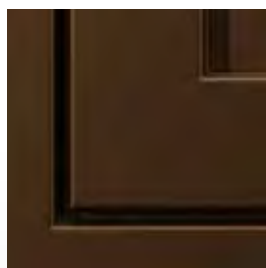
Chocolate Brown



Jet Black *



Pastel Turquoise



Mid Bronze Metallic Effect



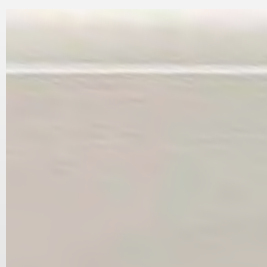
Black Metallic Effect



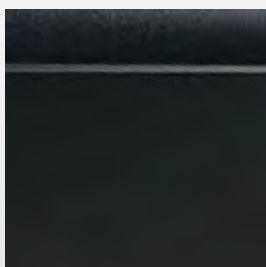
Silver Metallic Effect

* **Define** is only available in these standard finishes

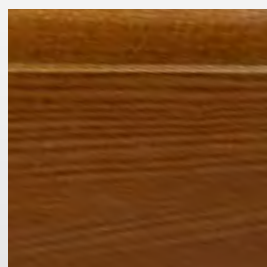
FOILS



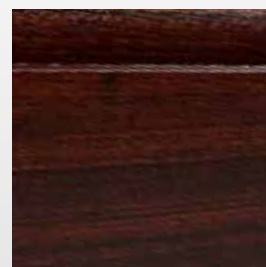
White



Anthracite Grey



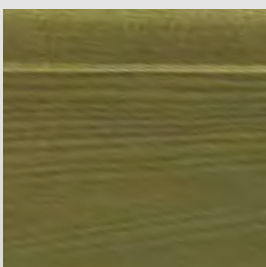
Oak



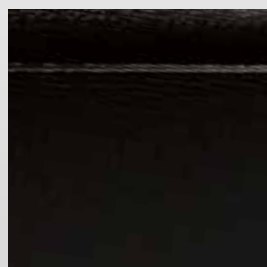
Rosewood



Chartwell Green



Irish Oak



Black

Aluminium Collection

High performance aluminium systems

Through our partnerships with Sheerline and AluK, Whiteline combines innovation with craftsmanship to provide high-performance aluminium systems that redefine industry standards.

Whether elegant residential designs or durable commercial solutions, Whiteline's aluminium systems are engineered to perform, offering lasting beauty and superior functionality for any space.

Our carefully curated range includes the Classic Heritage, blending ultra-slim profiles with traditional steel window aesthetics, ideal for contemporary renovations and classic building restorations.

Prestige takes performance to the next level with options like 44mm triple glazing, reducing outside noise and achieving a U-Value as low as 0.9 W/m²K. Our exclusive Define range combines the timeless charm of steel with the warmth of traditional timber styling—an innovation born from Whiteline and Sheerline's collaboration. In addition, Sheerline's Bi-Fold Doors and Aluminium Roof Lanterns offer sleek design and exceptional functionality for residential spaces.

Meanwhile, our GT55 Commercial Doors and Aluminium Casement Windows, developed in partnership with AluK, provide strength, precision, and performance for commercial applications.





**Stepped sash,
Flush frame**

**Stepped sash,
Standard frame**

**Contemporary sash,
Flush frame**

**Contemporary sash,
Standard frame**




The Classic system's ultra-slim 59mm sightlines open your space to more natural light.

Our patented construction method uses threaded screws to secure corners precisely, creating seamless run-through mitres on internal joints. This eliminates unsightly junctions and ensures a flawless finish that embodies Whiteline's commitment to quality and elegance.

Classic Beadless

Ultra-slim beadless wrap-around glazing



Flat 25mm
astragal bar



DOUBLE GLAZED
U-VALUE*

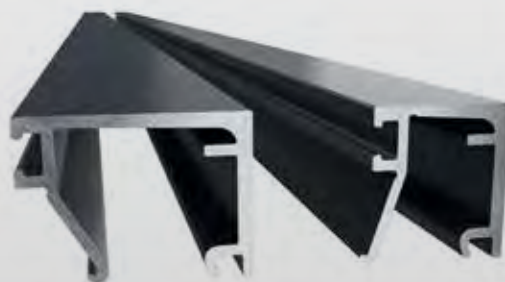


DOUBLE GLAZED
WER

*Subject to specification

With an innovative Thermlock® multi-chamber thermal break, Whiteline windows deliver enhanced security and a slim, light-maximising frame.

Our range of colours helps you personalise your space without compromising performance, blending beauty and practicality effortlessly.



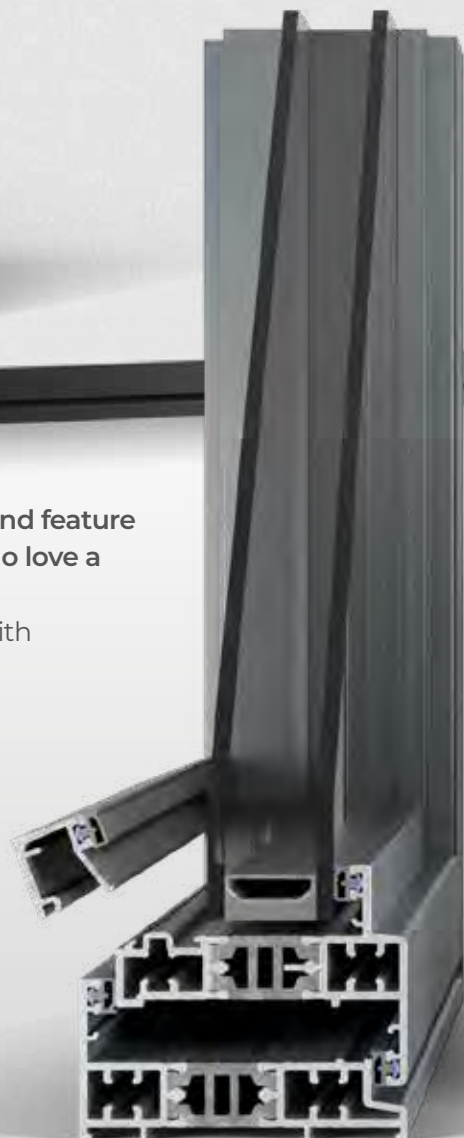
Classic Beaded

The next evolution of this ultra slim system



Our Classic windows are designed with tradition in mind and feature a traditional glazing bead, making them ideal for those who love a refined, industrial, or Art Deco look.

We've made our popular Prestige clip-in bead compatible with these sleek, slimline windows, creating an elegant, uneven sightline that captures a unique vintage style.



DOUBLE GLAZED
U-VALUE*



DOUBLE GLAZED
AER

*Subject to specification

The Classic Heritage Door perfectly blends timeless design with modern performance, making it ideal for both internal and external use.

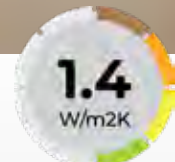
Inspired by nearly 200 years of steel window and door craftsmanship, it features square astragal bars and Art Deco-style horizontal layouts. This door delivers a heritage aesthetic with modern aluminium's strength, durability, and efficiency.



**HERITAGE
4-Bar Residential Door**
Single door
in Agate Grey



**HERITAGE
2-Bar Residential Door**
Single door
in Metallic Bronze



**DOUBLE GLAZED
U-VALUE***

*Subject to specification



Classic HERITAGE

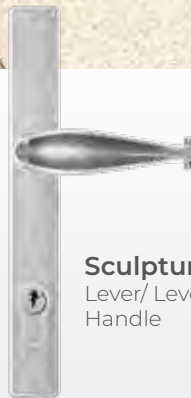
Timeless style for inside and out



Monkey Tail
Lever/ Lever
Handle



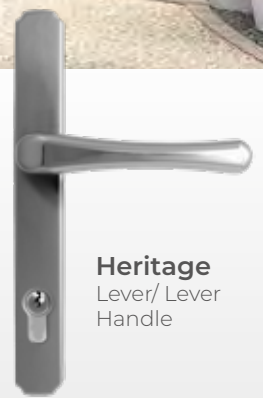
Noble
Lever/ Lever
Handle



Sculptured
Lever/ Lever
Handle



Architectural
Lever/ Lever
Handle

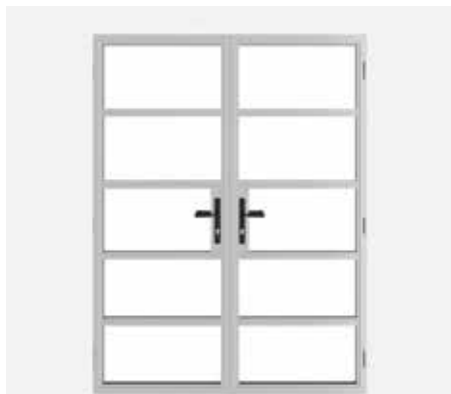


Heritage
Lever/ Lever
Handle



Our Heritage range wouldn't be complete without traditional handle options.

Choose from the Balmoral handle or three classic lever designs. Each adds a refined, vintage touch to complement the collection's timeless look.



HERITAGE 4-Bar French Door
Double door in Silver Metallic



HERITAGE 2-Bar French Door
Double door in Cream



HERITAGE French Door
Double door in Agate Grey



HERITAGE 4-Bar Residential Door
Single door in Jet Black



HERITAGE 2-Bar Residential Door
Single door in Pure White



HERITAGE Residential Door
Diamond-lead single door
in Anthracite Grey



**HERITAGE 4-Bar Residential Door
with Toplight****
Single door in Black Metallic



**HERITAGE 4-Bar Residential Door
with Toplight****
Single door in Turquoise



**HERITAGE Residential Door
with Toplight****
Square-lead single door
in Squirrel Grey

**** Toplight**

For outward opening door sashes, outerframes can be
manufactured in one piece rather than as an additional casement

Classic HERITAGE

Authentic steel door aesthetics

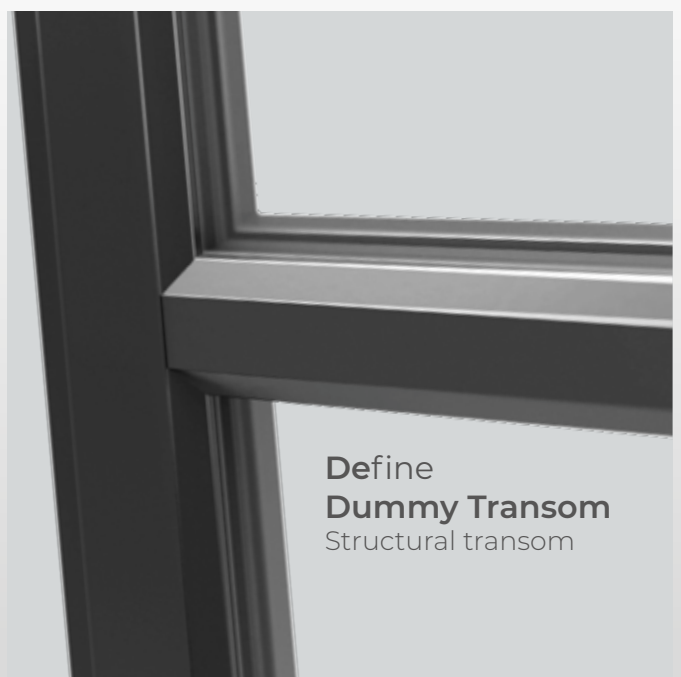


HERITAGE French Door with matching Stepped-Sash French Window
Balanced handle double door design suits modern symmetrical tastes



HERITAGE Dummy Transom
Authentic structural transom

Balmoral
Contemporary
Lever/ Lever
Handle



Define
Dummy Transom
Structural transom

The Classic range adapts to any style with its stepped and flat contemporary profiles. Now, the Define line adds a traditional 'putty-line' style, perfect for those seeking a classic timber-inspired aesthetic.

This innovative addition features a refined clip-in bead from our Prestige system, crafted for slimline windows. The beaded system enables external glazing, achieving the distinctive charm of architectural designs from the past century. Define enhances the Classic range with timeless elegance, blending heritage and sophistication.



Contemporary
Flat sash

Stepped
Steel-window inspired sash

Classic Define Window

Beaded exclusive from Whiteline



Define
Chamfered sash

Prestige Define Door

Beaded exclusive from Whiteline



Define sash



Traditional chamfered timber window appearance

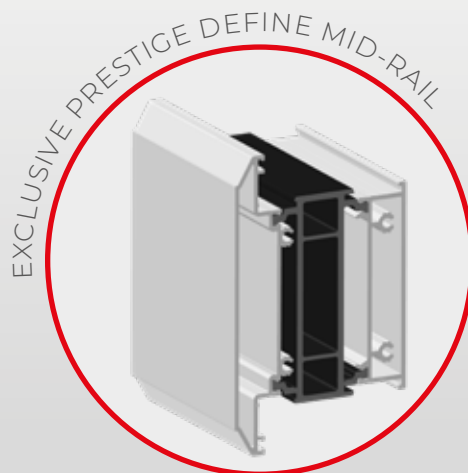


TRIPLE GLAZED
U-VALUE*



DOUBLE GLAZED
U-VALUE*

*Subject to
specification



The Define profile, exclusive to Whiteline, is now available for Prestige doors.

It ensures a cohesive design across your casement windows and doors. With its slim, chamfered appearance, **Define** is ideal for new builds and retrofits. It offers the look of timber with aluminium's durability.

Prestige Door

High-performance residential door system



◀ **Stepped sash** ▶

Traditional steel window appearance

◀ **Contemporary sash** ▶

Modern flat appearance

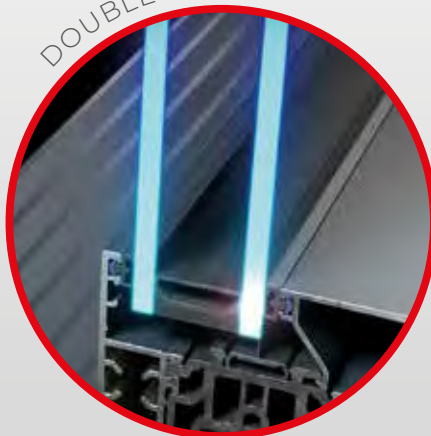
Prestige doors are versatile by design, with flat and stepped sash options that coordinate seamlessly with Whiteline windows.

These doors can open inward or outward and be paired as French doors, blending classic style with modern convenience.

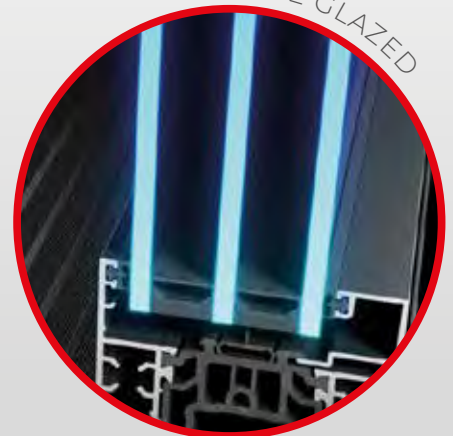
SIGHTLINES FROM 128mm

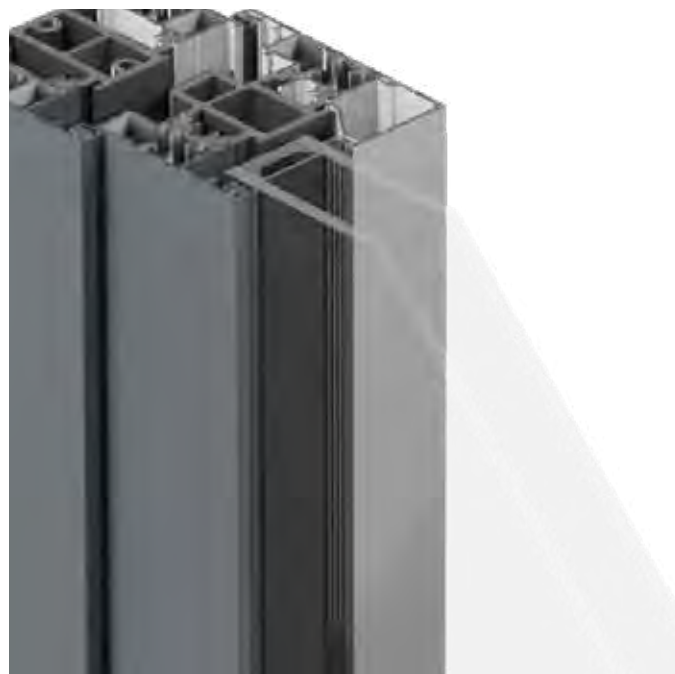


DOUBLE GLAZED



TRIPLE GLAZED





Our Tilt & Turn windows add versatility to your space. They provide an inward tilt for gentle ventilation and a full-open setting that offers simple access for maintenance and cleaning.

Designed for usability and elegance, tilt & turn windows are both practical and sophisticated.



A choice of 3 depths of cill profile for the most demanding weathering requirements.

Prestige Tilt & Turn Window

Versatile opening casements



TRIPLE GLAZED
U-VALUE*



DOUBLE GLAZED
U-VALUE*

*Subject to specification

SIGHTLINES FROM 88mm

Our 72/80mm Prestige series is the most thermally efficient of Whiteline's offerings. It is made for large openings and is versatile enough to suit various styles.

A full-depth Eurogroove allows maximum flexibility with hardware options to suit any project.



Stepped sash,
Flush frame

Contemporary sash,
Flush frame

Contemporary sash,
Standard frame

Prestige Window

High-performance casement window

Define
SASH SHOWN

TRIPLE-GLAZED CONTEMPORARY SASH

Our patented threaded screws method eliminates the need for crimping and reduces waste.

This creates the perfect hand-tuned and flawless look. For larger frames, on-site assembly is also possible, adding flexibility.



TRIPLE GLAZED
U-VALUE*



DOUBLE GLAZED
U-VALUE*

*Subject to
specification

Casement, French and Tilt and Turn windows

Can accommodate the largest spans and biggest windows. 72mm front to back as standard (in line with the Classic flush profile width), allows the systems to be joined. 80mm for Flush frames.

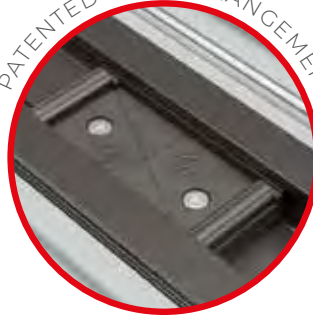
SLIM INTERLOCK ONLY 52mm



STANDARD INTERLOCK ONLY 80mm



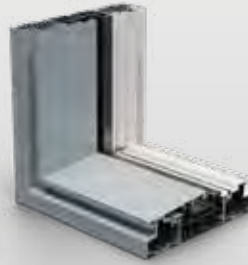
PATENTED SEAL ARRANGEMENT



DUAL OR TRIPLE TRACK OPTION



Low threshold
with ramp*



Standard outer
frame



Standard outer frame with
clip-on cill nose

Prestige Lift & Slide Doors

Sleek and strong sliding patio door



TRIPLE GLAZED
U-VALUE*



DOUBLE GLAZED
U-VALUE*

*Subject to specification

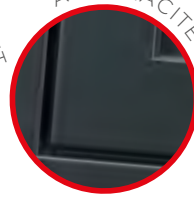
HIPCA GLOSS WHITE



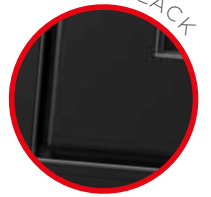
PURE WHITE MATT



ANTHRACITE

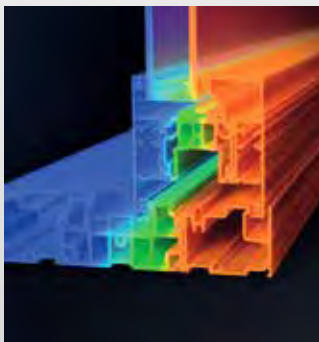


JET BLACK

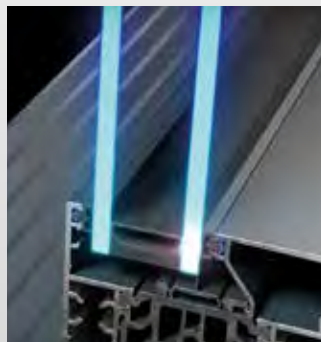


The Prestige Lift & Slide patio doors are engineered to fit any space, from compact replacements to large new builds. With stainless steel tracks and specialised running gear, they glide effortlessly, utilising bespoke Lift & Slide technology for a smooth, reliable operation that defines Whiteline's attention to detail.

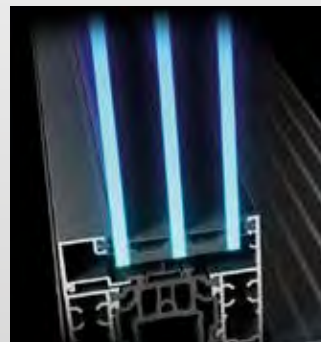
Max. sash weight 400kg
Max. width 6500mm
Max. height 2500mm



Thermlock® technology



Double-glazed



Triple-glazed



Prestige clip-in
glazing bead



Slimline internal handles are elegant and unobtrusive



Custom designed single rollers eliminate the need for floating mullions



**TRIPLE GLAZED
U-VALUE***



**DOUBLE GLAZED
U-VALUE***

*Subject to specification



Prestige bifold doors harmonise indoor and outdoor spaces, maximising light and enhancing panoramic views.

These doors combine refined aesthetics with cutting-edge thermal and security technology, maintaining warmth, security, and style.

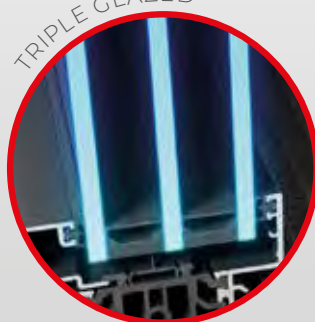
BOTTOM ROLLER



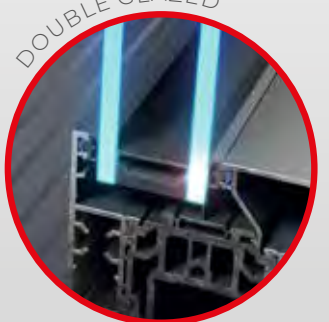
DRAINAGE END CAP



TRIPLE GLAZED



DOUBLE GLAZED



Prestige Bifold Doors

Slim and secure bifold door

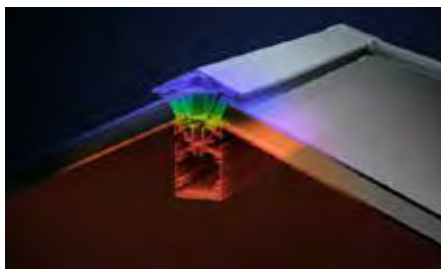


Define
SASH ALSO AVAILABLE





Thermlock®
technology
incorporated inside



28mm glazing units with
1.0 Wm²K U-Value



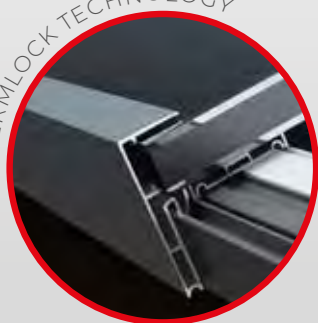
With great looks from every
angle – due to our unique
ultra low line aesthetics



Available in 10 styles, Sheerline roof lanterns range from compact squares to grander designs for orangeries.

Rated for UK weather, these lanterns offer sizes up to 3.2m by 6m with a 25° pitch. The S1 model includes an LED perimeter channel, adding optional ambience for a tailored look.

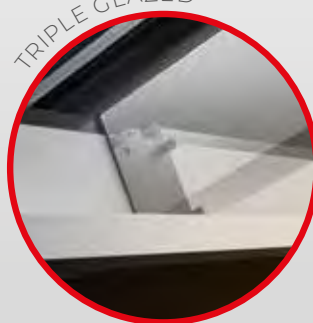
THERMLOCK TECHNOLOGY



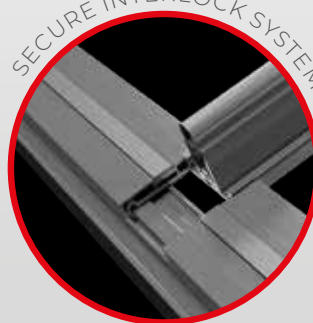
DOUBLE GLAZED



TRIPLE GLAZED



SECURE INTERLOCK SYSTEM

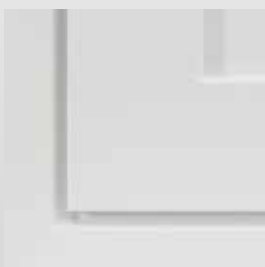


S1 Lantern Roof

Elegant and durable lantern roof



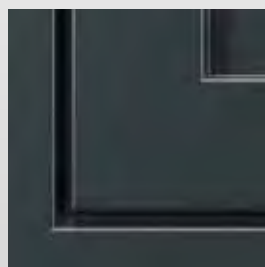
S1 ROOF LANTERN



Pure White



Jet Black



Anthracite Grey



whiteline

ALUK



GT55 Door

Uncompromising security, exceptional performance



Engineered for strength and durability, the GT55 NI is one of the most secure aluminium swing doors on the market.

Designed for high-traffic environments where insulation isn't required, it delivers uncompromising protection without steel reinforcement. Fully tested with complete and semi-glazing and integrated seamlessly with our ground-floor treatment systems, it offers both security and versatility.

Perfect for commercial spaces such as retail stores, cafés, and other busy public areas, the GT55 NI ensures reliability in demanding environments.

Mitred, mechanically-jointed frame and deep-rebate sash

Heavy-duty easy-clean/ fire escape friction stays for side-hung windows.
Heavy-duty friction stays for top-hung windows.

High security, multi-point locking system comprising of roller-cam bolts, twin shoot-bolts and optional hinge bolts

Contemporary or Traditional handles available in a choice of finishes

A choice of either black, white or grey, warm edge spacer bar

Externally-glazed

'Traditional' aluminium windows are more decorative and detailed in appearance and although slightly wider than "Modern' aluminium, their inherent strength is still slimmer than a PVCu equivalent.



viewed externally
AW613 SASH with
AW513 BEAD



viewed internally
AW613 SASH with
AW513 BEAD
AW602 OVOLO FRAME



viewed internally
AW613 SASH with
AW513 BEAD
AW622 SQUARE FRAME

TRADITIONAL Window

Externally-beaded casement with deep-rebated sashes



Squared

AW624 Sash



Sculptured

AW613 Sash



Chamfered

AW610 Sash

Mitred, mechanically-jointed
frame and sash

Heavy-duty easy-clean/ fire escape friction
stays for side-hung windows. Heavy-duty
friction stays for top-hung windows.

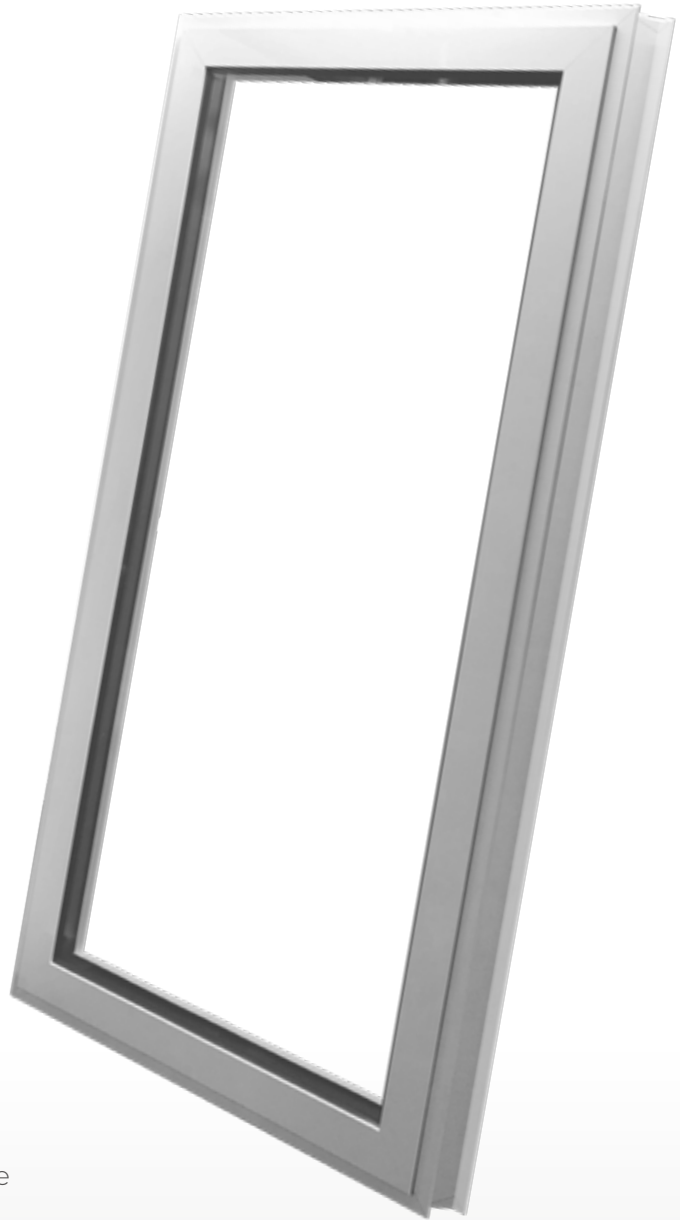
High security, multi-point locking system
comprising of roller-cam bolts, twin shoot-
bolts and optional hinge bolts

Contemporary or Traditional handles
available in a choice of finishes

A choice of either black, white
or grey, warm edge spacer bar

Internally-glazed AW685
Externally-glazed AW690

'Modern' aluminium windows are simpler
and cleaner in appearance and, due to their
inherent strength, can be much slimmer
than a PVCu equivalent.'
Almost exclusively used on modern homes,
they are perfect for large panoramic windows
as much as they are for smaller openings where
more incoming light is needed.



viewed externally
AW690 CHAMFERED SASH with
AW605 FRAME
AW682 BEAD



viewed externally
AW685 FLAT SASH with
AW604 FRAME



viewed internally
AW685 FLAT SASH
AW683 BEAD
AW604 FRAME

MODERN Window

Contemporary casement sashes



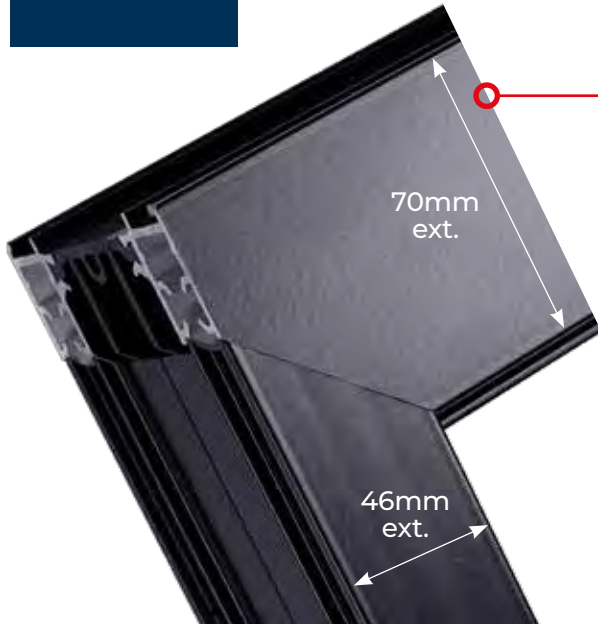
Flat Sash

AW685 Sash
Internally-beaded*



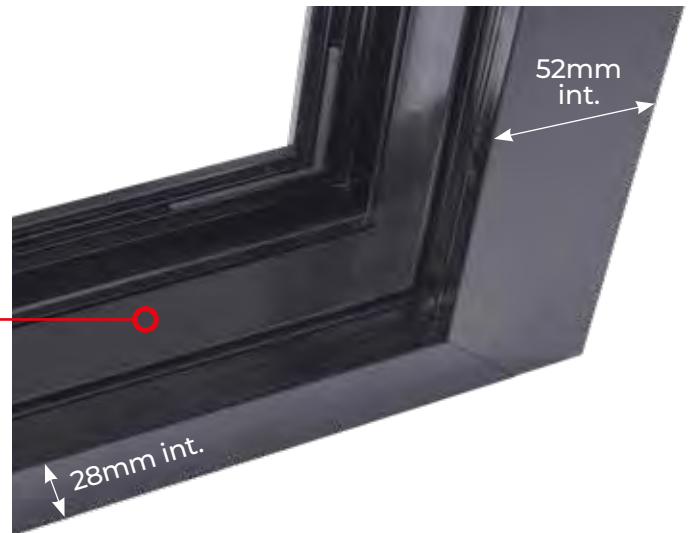
Chamfered Sash

AW690 Sash
Externally-beaded



Large Head

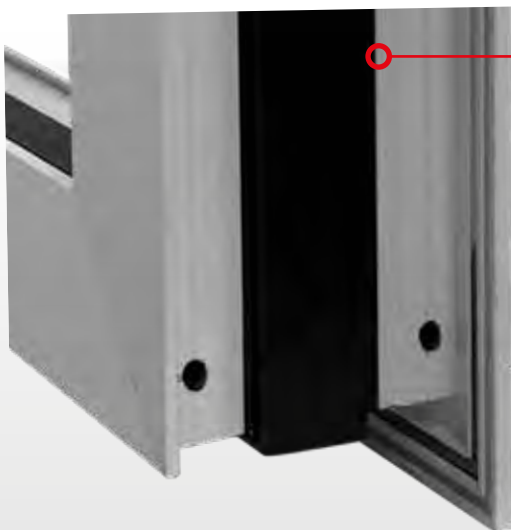
Our deeper 70mm outer frame option provides adequate trickle ventilation without requiring add-ons. This thoughtful design detail simplifies installation while enhancing comfort in every space.



Semi-low Threshold

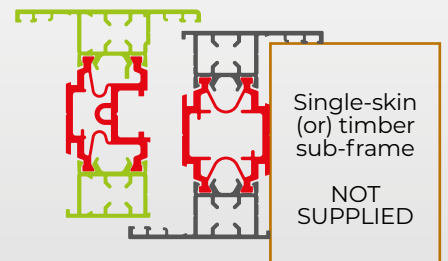
Low threshold

Colour-coded threshold measuring just 45mm in height.



Odd Leg Frame

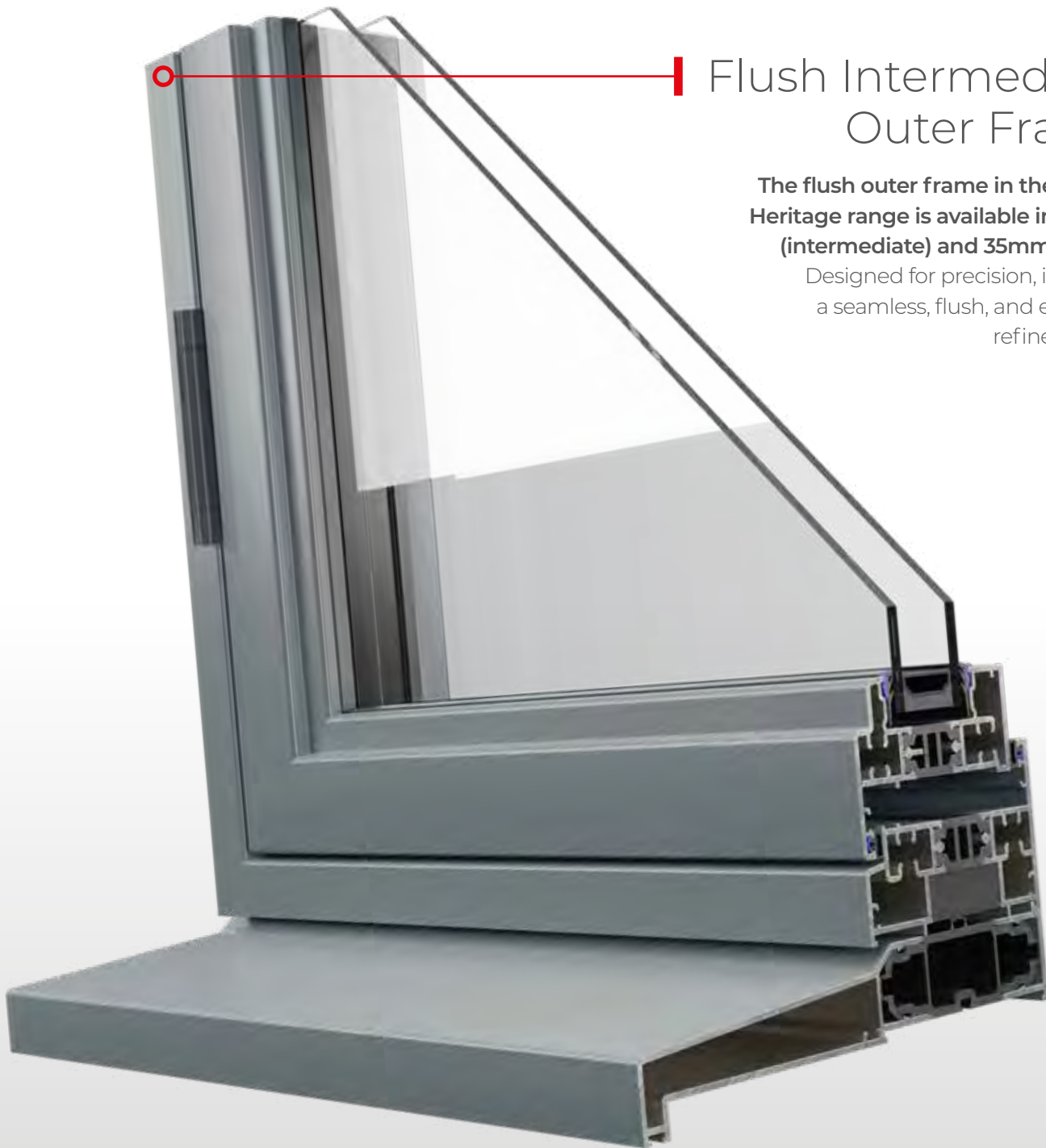
Our innovative 'Odd Leg' frame design offers excellent weather protection for narrow wall constructions. Perfect for homes with external cladding, motorhomes, and timber frames! Durable and designed for compatibility, it preserves a traditional look with a modern edge.



Aluminium Trickle Vent

Elegant, alternative trickle ventilation
A neater and cleaner solution with full Building Regulations compliance.
NOTE only available as a 4000mm² vent.

PRODUCT Updates



Flush Intermediate Outer Frame

The flush outer frame in the Classic Heritage range is available in 48mm (intermediate) and 35mm (small).

Designed for precision, it creates a seamless, flush, and elegantly refined finish.

	GT55 TB			GT55 NI		
	SINGLE	DOUBLE	SCREENING	SINGLE	DOUBLE	SCREENING
PERFORMANCE AND ACCREDITATIONS						
Air permeability (Pa) ¹	Class 0 (0 Pa)	Class 0 (0 Pa)	Class 4 (600 Pa)	Class 0 (0 Pa)	Class 0 (0 Pa)	Class 4 (600 Pa)
Water tightness (Pa) ¹ Class 1A	Class 1A (0 Pa)	Class 1A (0 Pa)	Class E1200 (1200 Pa)	Class 1A (0 Pa)	Class 1A (0 Pa)	Class 8A (450 Pa)
Wind resistance (Pa) ¹ Class 0	Class 0 (0 Pa)	Class 0 (0 Pa)	Class B4 (1600 Pa)	Class 0 (0 Pa)	Class 0 (0 Pa)	Class 5 (2000 Pa)
Security to PAS 24/SBD	✓	✓	✓	✓	✓	✗
U-value (double glazing) (U _g : 1.0 W/m ² K) ^{2, 3, 4}	1.9 W/m ² K	1.82 W/m ² K	1.33 W/m ² K	3.6 W/m ² K	3.0 W/m ² K*	2.03 W/m ² K
U-value (triple glazing) (U _g : 0.7 W/m ² K) ^{2, 3, 4}	1.72 W/m ² K	1.62 W/m ² K	1.07 W/m ² K	3.42 W/m ² K	2.8 W/m ² K*	1.77 W/m ² K
Q mark (3rd party certification)	YES	YES	YES	YES	YES	
Durability EN 1191 category (cycles) (open-in and open-out)	50,000 (in) 50,000 (out)	50,000 (in) 50,000 (out)	✗	50,000 (in) 50,000 (out)	50,000 (in) 50,000 (out)	✗
System Depth	110mm	110mm	110mm	110mm	110mm	110mm
Thermally broken	✓	✓	✓	✗	✗	✗
Low threshold	✓	✓	✗	✓	✓	✗
Anti-finger trap	✓	✓	✗	✓	✓	✗
Sightlines	145 mm	176 mm	55 mm	144 mm	176 mm	55 mm
Feature design - angular contours	YES	YES	YES	YES	YES	YES
Mid-rail and lay bar	YES	YES	YES	YES	YES	YES
Panel door	YES	YES		YES	YES	
Maximum door leaf size (mm)	1000 x 2180	2000 x 2180	2000 x 2180	1000 x 2180	2000 x 2180	2000 x 2180
Maximum door leaf weight 5, 6	110 Kg	110 Kg		80 Kg	80 Kg	
Maximum glazing thickness (single glazing) (mm)			6 - 12	6 - 12	6 - 12	6 - 12
Maximum glazing thickness (double glazing) (mm)	24 - 40 mm	24 - 40 mm	24 - 28 mm	24 - 28 mm	24 - 28 mm	24 - 28 mm
New build	✓	✓	✓	✓	✓	✓
Refurbishment	✓	✓	✓	✓	✓	✓
Heavy commercial	✓	✓	✓	✓	✓	✓

- 1 AWW wind results for GT55NI Screening based upon internal test results only.
- 2 U-Value calculation in accordance EN 10077-2, single door size 1000mm x 2180mm.
- 3 U-Value calculation in accordance EN 10077-2, double door size 2000mm x 2180mm.
- 4 U-Value calculation in accordance EN 10077-2, screen size 2000mm x 2180mm.
- 5 GT55 TB max weight based upon the Dorma RTS87 door closer.
- 6 GT55 NI max weight based upon the Adams Rite ARC51N door closer.

* subject to specifications

Window & Door Updates

New features for Classic, Prestige & Define

Prestige outer frame

	Small	Intermediate	Large
Hood vent [Prestige]	✗	✓	✓
Deep frame head [Prestige]	✓	✗	✓
Semi-low threshold [Prestige]	✓	✗	✓
Aluminium trickle vent [Prestige and Classic]	✓	✓	✓
Odd-leg outer frame [Prestige]	✓	✗	✗

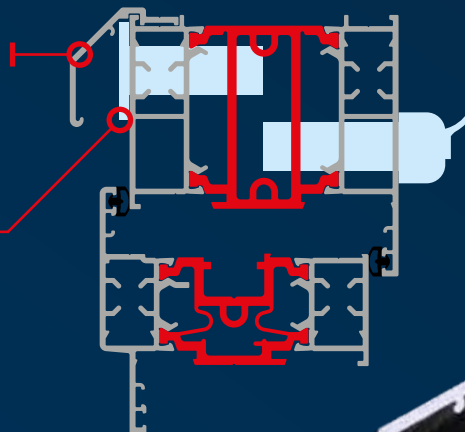
Hood Vent

NEW Aluminium Hood Vent

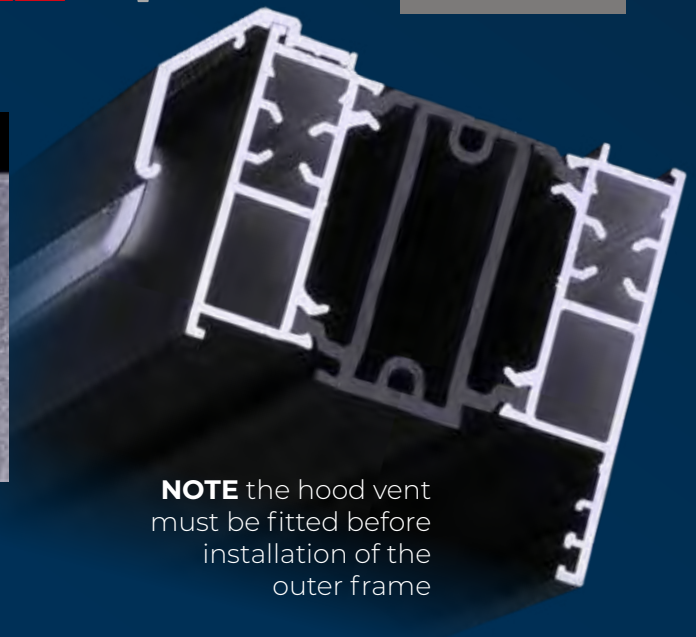
Completely obscures the trickle vent for a sleek, simplified appearance.

'Grille' Trickle Vent

Slimmer, flusher fitting grille offers a more attractive solution for Building Regulations Part F compliance (shown in white for clarity)



Hood Vent is supplied to the width of the outer frame. It can be oversized to enable on-site cutting for bow / bay windows.



Unique construction



Classic Beadless windows are built with our threaded-screw construction method, achieving perfect run-through mitres on internal joints.

This refined simplicity eliminates misaligned corners, resulting in windows that meet Whiteline's exacting standards of quality and elegance.

2 FRAMES, 3 SASHES, 6 COMBINATIONS

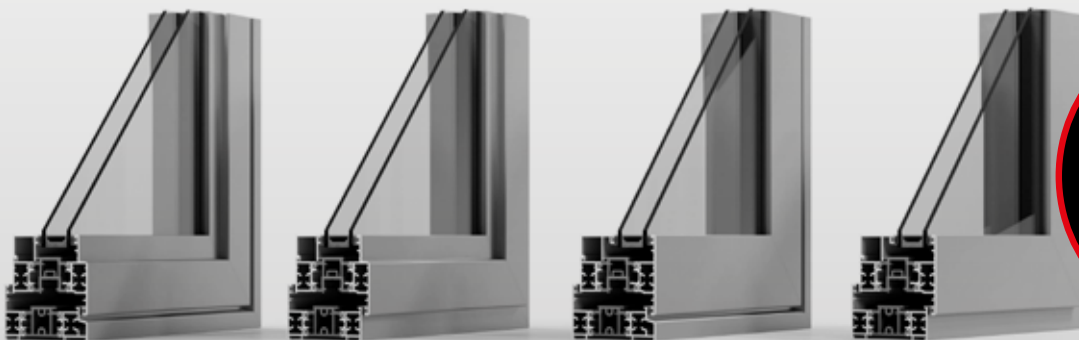


**Stepped sash,
Flush frame**

**Stepped sash,
Standard frame**

**Contemporary sash,
Flush frame**

**Contemporary sash,
Standard frame**

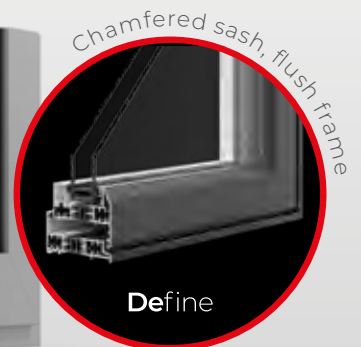


**Stepped sash,
Flush frame**

**Stepped sash,
Standard frame**

**Contemporary sash,
Flush frame**

**Contemporary sash,
Standard frame**



Window Features

Comparing individual characteristics

Patented corner jointing method securely locks the glass within a completely sealed unit. Coupled with the high security multipoint locking and unique hinge protectors create unparalleled levels of security.

Classic BEADLESS

Innovative construction eliminates the need for separate glazing beads

Factory-glazed for speed and convenience

Equal sight-lines to create a balanced aesthetic

Classic BEADED

Clip-in bead, no gasketing on-site

Glass available loose or as an unglazed product

Run-through mitres on internal joints avoid junctions of square cut beads

Triple-glazing option on Contemporary sash

Define

Unique chamfered sash with feature groove

Clip-in bead, no gasketing on-site

Glass available loose or as an unglazed product

Run-through mitres on internal joints avoid junctions of square cut beads

Prestige

Separate glazing beads

Glass available loose or as an unglazed product

Larger profile facilitates additional glazing options including triple-glazing on both sash styles

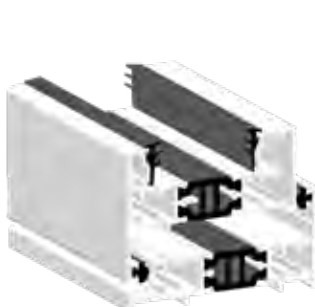
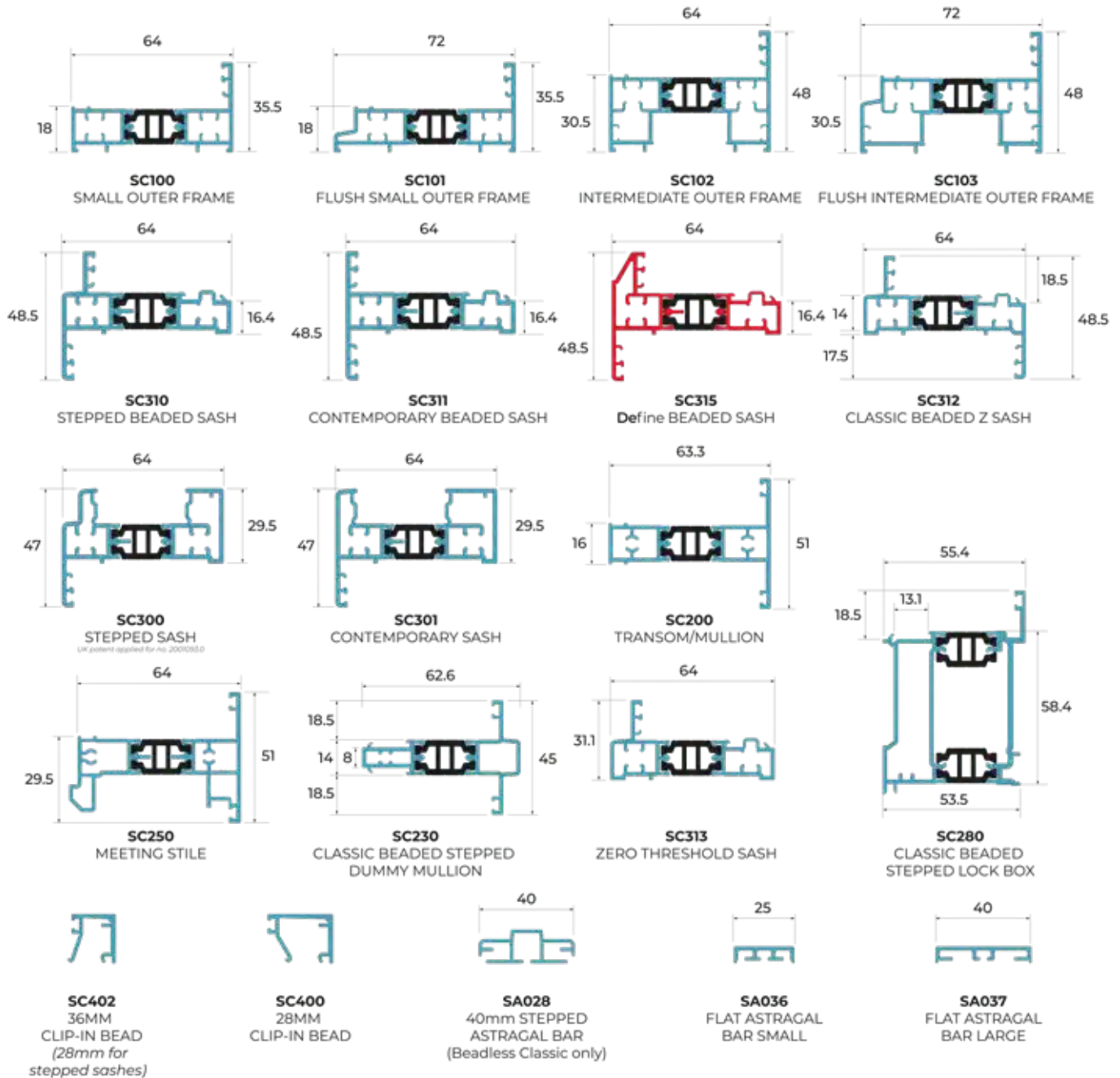
	Classic Beaded		Classic Beadless		Define	Prestige
Sash type	Stepped	Contemporary	Stepped	Contemporary	Chamfered	All
Clip-in glazing beads	✓	✓	✗	✓	✓	✓
Sash & frame sightline	60.5mm	60.5mm	59mm	59mm	60.5mm	88mm
Contemporary sash	✓	✓	✓	✓	✗	✓
Stepped sash	✓	✓	✓	✓	✗	✓
Chamfered sash	✗	✗	✗	✗	✓	✗
Flush outer frame	72mm	72mm	72mm	72mm	72mm	80mm
Standard* outer frame	64mm	64mm	64mm	64mm	64mm	72mm
Energy rating - double-glazed***	B	B	B	B	B	A***
U-Value - double-glazed***	1.5 Wm ² K	1.5 Wm ² K	1.5 Wm ² K	1.5 Wm ² K	1.5 Wm ² K	1.3 Wm ² K
U-Value - triple-glazed***	✗	1.1 Wm ² K	✗	✗	✗	0.9 Wm ² K
Double-glazed Unit	28mm	28mm	28mm	28mm	28mm	28mm
Triple-glazed Unit	✗	36mm	✗	36mm	✗	44mm
PAS24: 2022 accredited	✓	✓	✓	✓	✓	✓
High Security** upgrade	Optional	Optional	Optional	Optional	Optional	Optional

* **Standard** outer frame creates a stormproof 'lipped' casement with all sash designs

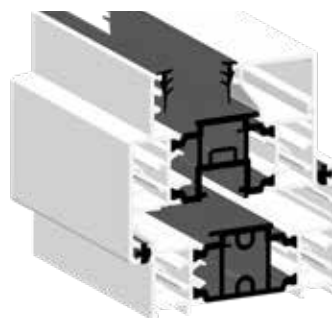
** **High Security Upgrade** uses the 'Secured by Design' specification from Sheerline, but does not imply that Whiteline Manufacturing holds 'Secured by Design' accreditations for these particular products at the time of producing this brochure.

*** **Subject to specification**

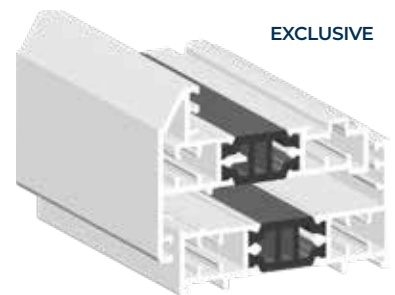
Classic and Define window system



Contemporary sash,
Flush frame



Stepped sash,
Standard frame

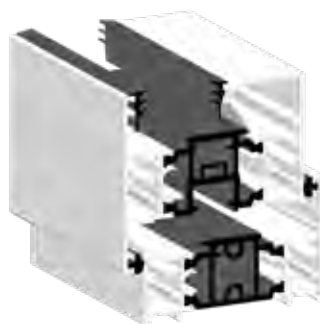
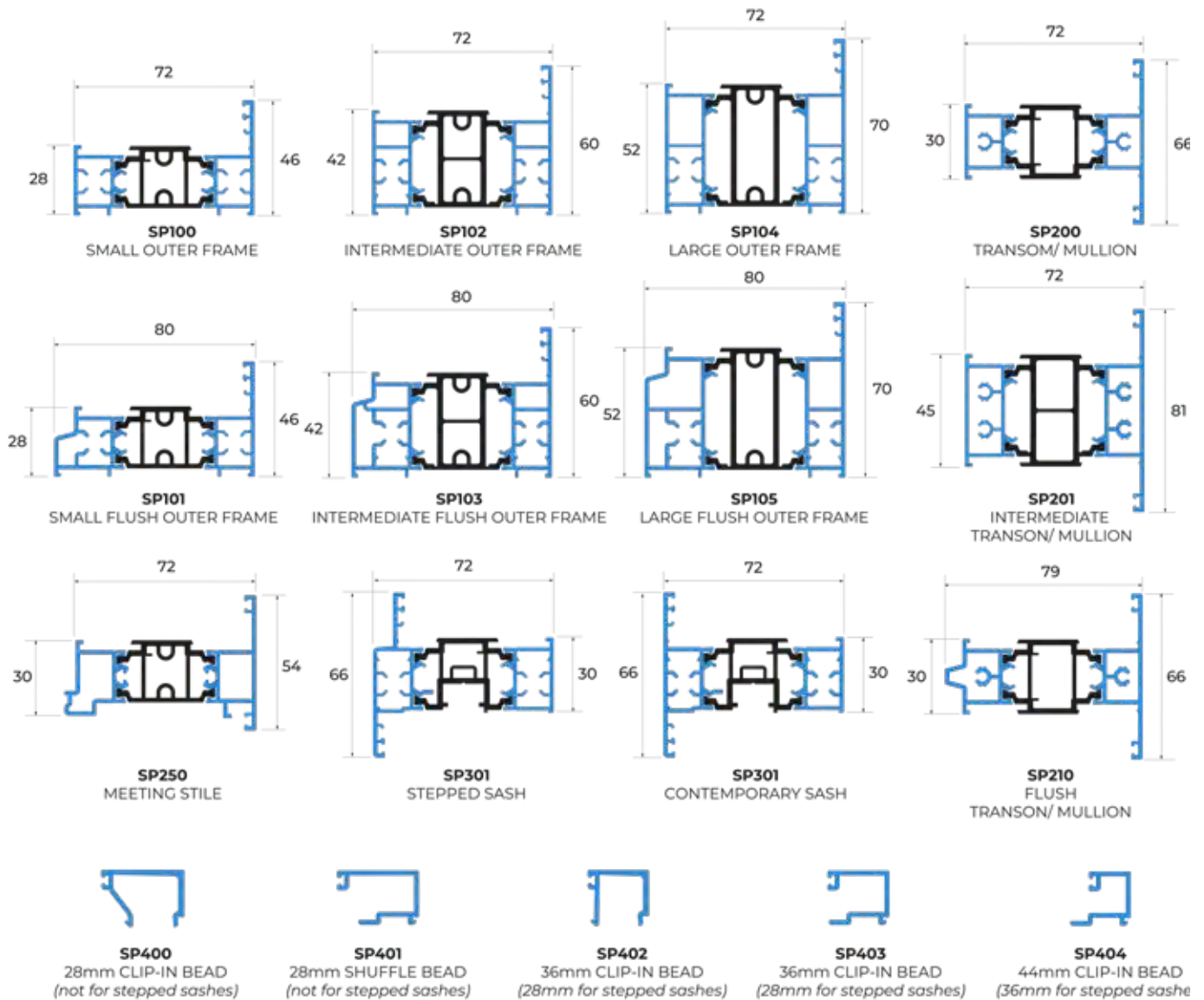


Define sash,
Standard frame

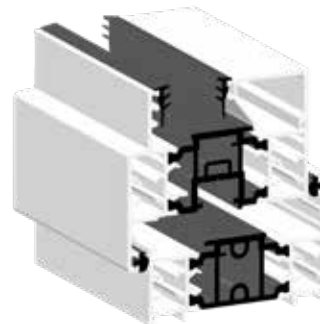
EXCLUSIVE

Profiles

Prestige window system



Contemporary sash,
Standard frame



Stepped sash,
Standard frame

Chamfered**SASH**

Sculptured**SASH**

Flush**SASH**

Slim**SASH**




Sanctuary

fortrezz

*R*EVIVAL

Define

ColourTEK®

info@**whiteline**.co.uk 0800 652 3151 **whiteline**.co.uk   

BR0068 Aluminium Brochure v6.32

All rights reserved © 2025 Whiteline Manufacturing Limited
In our ongoing quest to provide the highest quality products our designs and specifications are subject to change without any notice.

