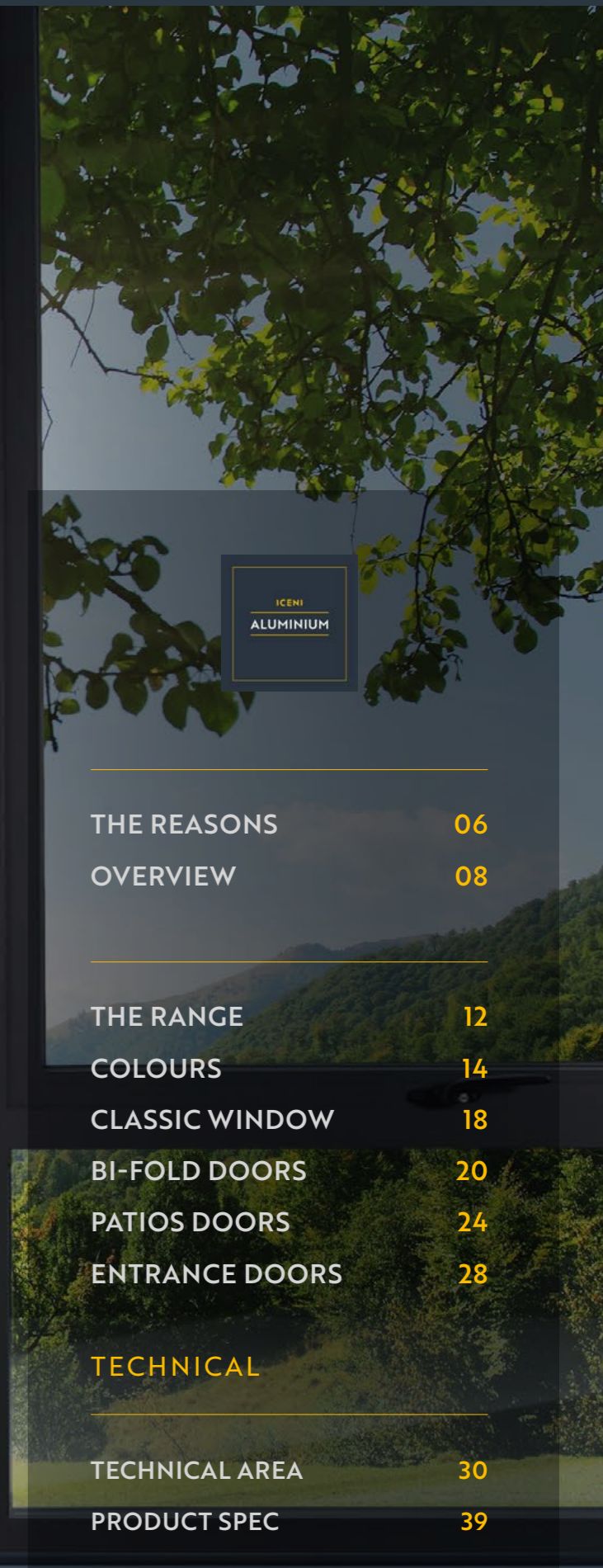


ICENI  
ALUMINIUM

[www.ICENI-ALUMINIUM.co.uk](http://www.ICENI-ALUMINIUM.co.uk)



|                |    |
|----------------|----|
| THE REASONS    | 06 |
| OVERVIEW       | 08 |
| <hr/>          |    |
| THE RANGE      | 12 |
| COLOURS        | 14 |
| CLASSIC WINDOW | 18 |
| BI-FOLD DOORS  | 20 |
| PATIOS DOORS   | 24 |
| ENTRANCE DOORS | 28 |

### TECHNICAL

|                |    |
|----------------|----|
| TECHNICAL AREA | 30 |
| PRODUCT SPEC   | 39 |



# THE PRODUCTS

ICENI  
ALUMINIUM

ANTHRACITE  
GREY  
RAL: 7016

CLASSIC  
CONTEMPORARY  
FLUSH

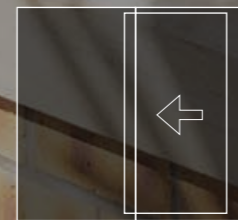
WINDOWS



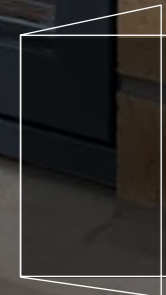
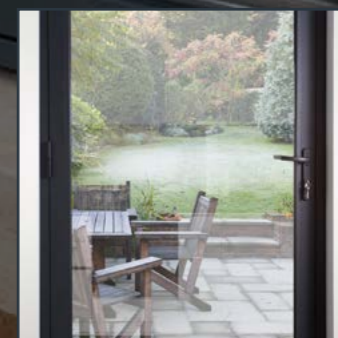
BIFOLDING DOORS



PATIO DOORS



ENTRANCE DOORS





# THE REASONS

## YOUR PROJECT NEEDS ICENI

### THE DESIRE FOR CHOICE.

ICENI Aluminium products will meet – and exceed – demands of multiple applications. Everything from heavy duty and light commercial new builds, to large-scale refurbishment projects and residential new builds can be supplied. Confidence in our superiorly manufactured products, in their performance and quality comes as standard.

WHY ICENI?

#### A VERSATILE SYSTEM

Designed for light and airy interiors, this system is available as casement, fixed or French windows. A range of outer frame sizes accommodate different plaster lines and window reveals – ensuring a perfect, neat finish. Slim sashes allow more light into any home, expanding the sense of space.



#### THERMLOCK® TECHNOLOGY

All ICENI-ALUMINIUM products feature a unique Thermlock® technology; closed-cell, insulating chambers, inside every window and door work as a thermal break for class-leading thermal performance.

#### COLOUR

Seven standard colours or project your individuality with a bespoke colour. You can choose a different colour for the interior.

#### WEATHERPROOF INSTALLATIONS

Co-extruded weather-seals on clip-together sills means minimal silicone sealing, saving time, and money to create a consistent and reliable install.



#### SECURED BY DESIGN

For added peace of mind choose a laminate glass optional upgrade – for SBD accreditation; the official UK Police initiative ‘designing out crime’ through physical security.

#### SECURITY

Exceptional security built into every window and door.

A full depth eurogroove enables the latest high security, multipoint locking mechanisms – helping keep you and your home safe and secure. Additional features like unique hinge protectors also help create exceptional levels of security. The clever integrated design ensures all lock-cases are fully enclosed, meaning the glazing or beading areas of the window/door aren't affected – which weakens the frame's integrity.

EXTRA PEACE OF MIND AS STANDARD.

#### PATENTED CORNER JOINTS

Every window tuned to perfection.

This patented<sup>†</sup> jointing method creates perfectly square corners and exceptionally strong frames which maximises aluminium's inherent strength.



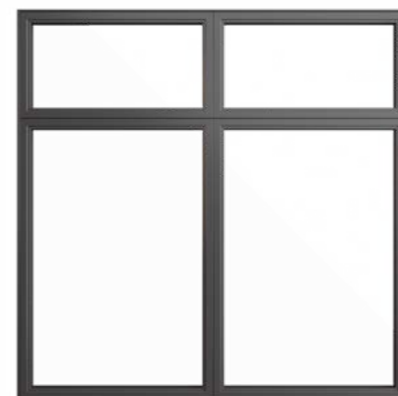
The strong threaded rods bind the corners together tightly eliminating any misalignment.

A PERFECT BALANCE OF QUALITY AND UNDERSTATED REFINEMENT

<sup>†</sup>Patent registration number: GB2569209 \*Subject to product type and hardware specification.

# OVERVIEW

Our manufactured aluminium products



## ICENI CLASSIC

Traditional ultra-slim steel-echoed style

### UNIQUE FEATURES:

- Slimmest sightlines – 59mm
- High-security beadless design
- Multipoint locking
- Mitred interior look

### THERMAL U VALUE:

Double glazed 1.4 W/m<sup>2</sup>K

Triple glazed 1.1 W/m<sup>2</sup>K

THRESHOLDS: 4

SASH STYLES: 2

STANDARD COLOURS: 7

PRODUCT TYPES:

Casement, fixed, French windows

1.4  
W/(m<sup>2</sup>K)  
U-VALUE  
DOUBLE GLAZED

1.1  
W/(m<sup>2</sup>K)  
U-VALUE  
TRIPLE GLAZED

### FEATURES AS STANDARD:

- Thermlock® multi-chamber thermal break
- 7 colours, dual colour, bespoke colour
- Patented corner construction method
- Secure By Design options on all products



## ICENI PRESTIGE

Versatile, thermally efficient windows

### UNIQUE FEATURES:

- Most thermally efficient
- Full depth Eurogroove

### THERMAL U VALUE:

Double glazed 1.3 W/m<sup>2</sup>K

Triple glazed 0.9 W/m<sup>2</sup>K

THRESHOLDS: 4

SASH STYLES: 2

STANDARD COLOURS: 7

PRODUCT TYPES:

Casement, fixed, French windows

1.3  
W/(m<sup>2</sup>K)  
U-VALUE  
DOUBLE GLAZED

0.9  
W/(m<sup>2</sup>K)  
U-VALUE  
TRIPLE GLAZED

## PRODUCT OVERVIEW

# ICENI PRESTIGE DOORS



## BIFOLD

Panoramic fold and slide doors

### UNIQUE FEATURES:

- Up to 7 panes  
*Including 4/2/2 configurations*
- Single and French door options
- Max 6.5 x 2.6m
- Max 1.2m sash width
- Max 120kg sashes
- 80mm deep outer frame
- 72mm deep sashes
- Slim 138mm sash to sash sightlines
- Up to 44mm triple glazing  
*36mm on stepped sashes*

### THERMAL U VALUE:

Double glazed 1.4 W/m<sup>2</sup>K  
Triple glazed 1.0 W/m<sup>2</sup>K

### THRESHOLDS: 3

COLOURS: 7 standard

SASH STYLES: 2

### PRODUCT TYPES:

Bifold doors, single and French doors

### FEATURES AS STANDARD:

- Thermlock® multi-chamber thermal break
- Seven colours, dual colour, bespoke colour
- Patented corner construction method
- Secure By Design options on all products



## PATIO

Panoramic lift and slide patio doors

### UNIQUE FEATURES:

- Double and Triple Track options
- Max 6.5 x 2.5m
- Max 400kg Sash
- Slim 106mm Frame to Sash Sightline
- Standard 80mm Interlock Sightline
- Ultra Slim 52mm Interlock Option  
*Suitable for most twin-track doors*
- Up to 44mm Triple Glazing  
*36mm on stepped sashes*

### THERMAL U VALUE:

Double glazed 1.4 W/m<sup>2</sup>K  
Triple glazed 1.0 W/m<sup>2</sup>K

THRESHOLDS: 3 weather-rated

COLOURS: 7 standard

### PRODUCT TYPES:

Dual- and triple-track sliding doors



## ENTRANCE

Thermally efficient glazed entrance doors

### UNIQUE FEATURES:

- Midrail letterbox options
- Single and French doors
- Flag hinge styling

### THERMAL U VALUE:

Double glazed 1.4 W/m<sup>2</sup>K  
Triple glazed 1.0 W/m<sup>2</sup>K

1.4  
W/(m<sup>2</sup>K)  
U-VALUE  
DOUBLE GLAZED

1.0  
W/(m<sup>2</sup>K)  
U-VALUE  
TRIPLE GLAZED

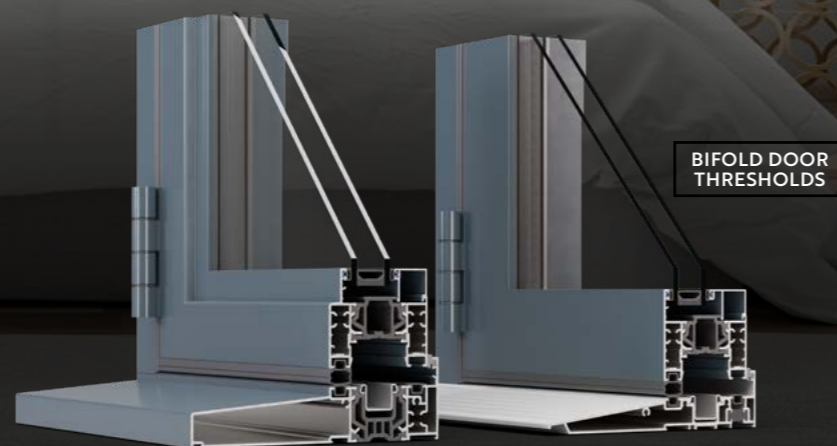


# ALUMINIUM RANGE

Crisp detail for a refined and architectural look

**PRODUCTS IN THE  
PRESTIGE RANGE:**

- WINDOWS
- RESIDENTIAL DOORS
- TILT & TURN WINDOWS
- BIFOLD DOORS
- PATIO DOORS



## PATENTED CORNER CONSTRUCTION

(PICTURED ABOVE)

This patented construction method using threaded screws to bind corners tightly together – eliminates misaligned corner issues that can occur on ordinary aluminium frames.

## SUPERIOR WEATHER PERFORMANCE

(BELOW)

Co-extruded weather-seals on clip-together sills and other ancillaries means there's minimal need for silicone sealing, saving time, money and creating more consistently reliable weatherproof installations.



SQUIRREL  
GREY

# COLOURS

Your project's aura



## DUAL COLOURS AS STANDARD

Colour is as important on the inside as it is outside and that's why we offer any dual colour options on all ICENI aluminium products.



## STANDARD COLOURS

Bespoke colours available



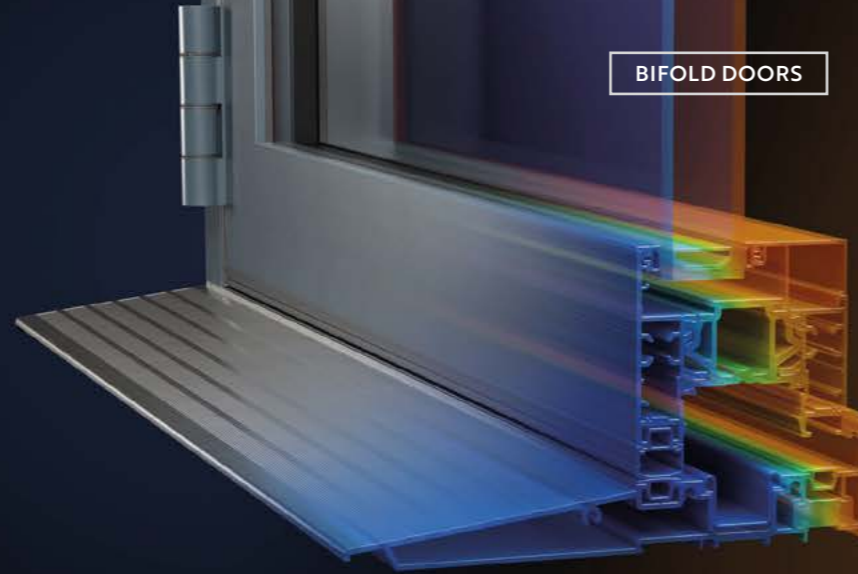
**Please note:** Due to variables in the printing process and disparity in screen colour displays, these colours are intended to be used as a guide only.



# ENERGY EFFICIENCY

## Thermlock® technology

Hidden inside is an innovative Thermlock® multi-chamber thermal design. Insulating chambers act as a thermal break and work with high-performance glazing creating class-leading thermal performance, superior to traditional polyamide.



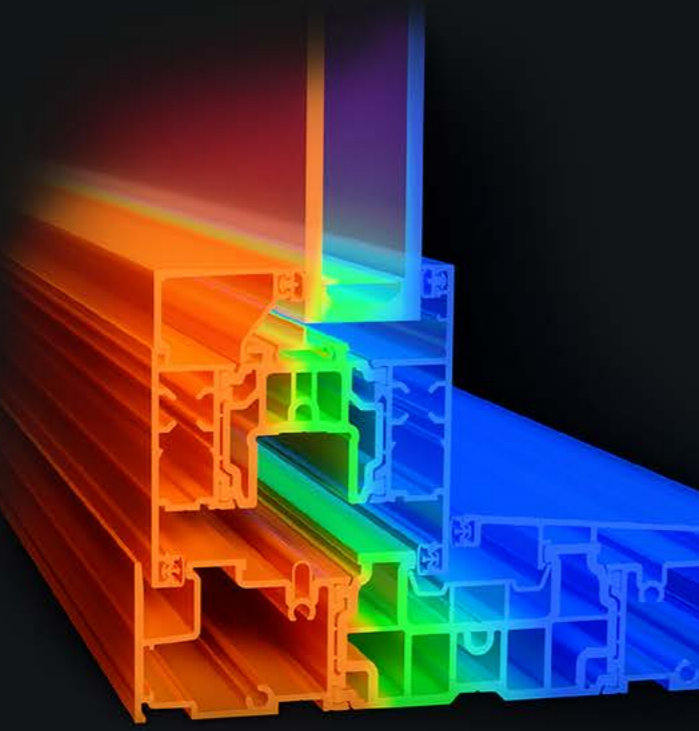
BIFOLD DOORS

THERMAL TRANSMITTANCE, OR **U-VALUE**, MEASURES THE RATE OF TRANSFER OF HEAT  
THE BETTER INSULATED A WINDOW IS THE LOWER THE U-VALUE

### CLASSIC WINDOWS

**1.4**  
**W/(m²K)**  
**U-VALUE**  
Double glazed

**1.1**  
**W/(m²K)**  
**U-VALUE**  
Triple glazed  
AVAILABLE WITH UP TO  
**36mm TRIPLE GLAZING**  
FOR ULTIMATE THERMAL  
PERFORMANCE



PATIO DOORS

### PRESTIGE WINDOWS BIFOLD DOORS PATIOS

**1.4**  
**W/(m²K)**  
**U-VALUE**  
Double glazed

**1.0**  
**W/(m²K)**  
**U-VALUE**  
Triple glazed  
AVAILABLE WITH UP TO  
**44mm TRIPLE GLAZING**  
FOR ULTIMATE THERMAL  
PERFORMANCE



## SASH STYLE

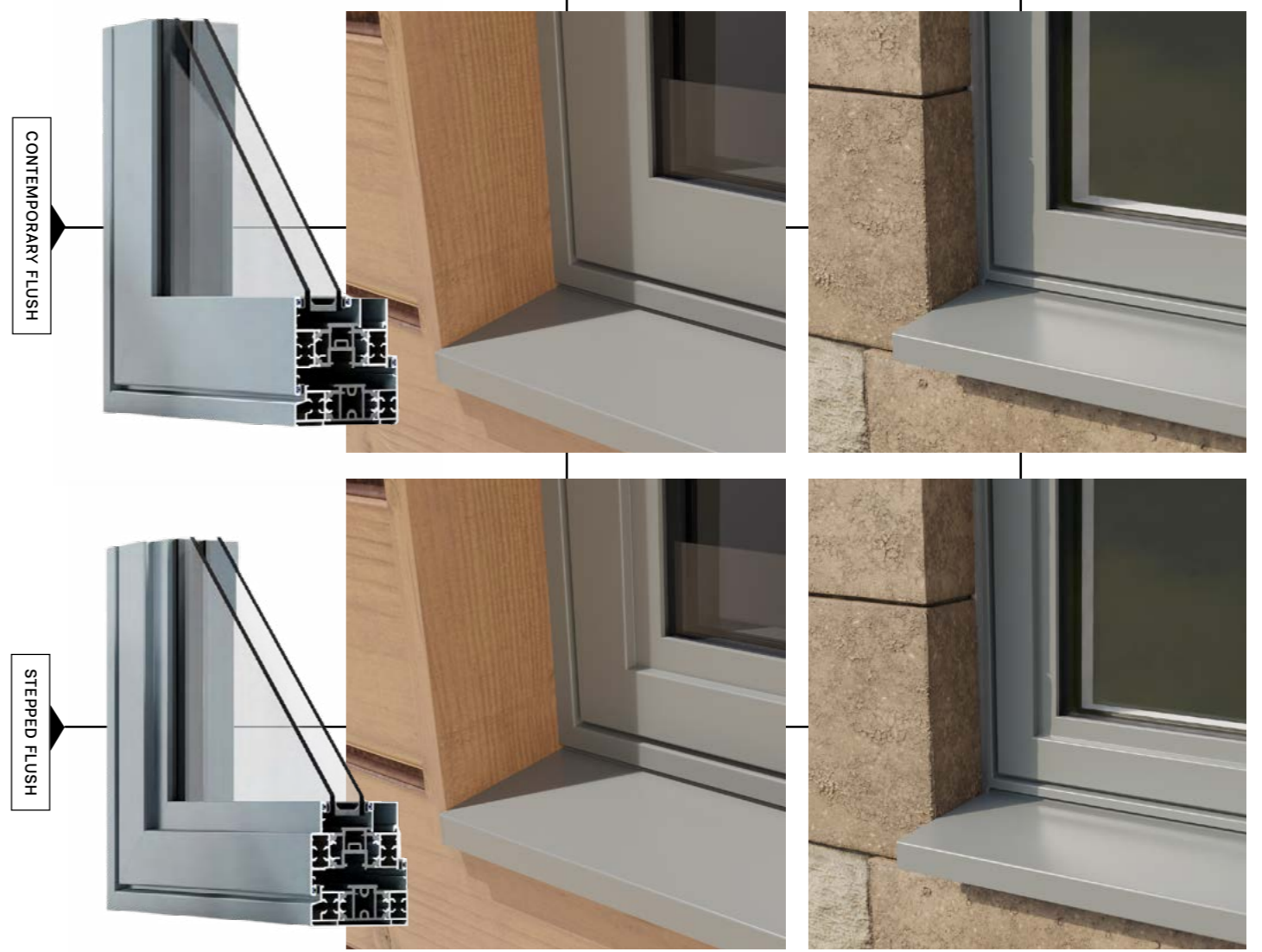
ICENI aluminium windows are available in a choice of two opening sash styles:

SQUIRREL GREY  
RAL: 7000

CLASSIC  
CONTEMPORARY  
FLUSH

ICENI PRESTIGE

ICENI CLASSIC STEEL-LOOK



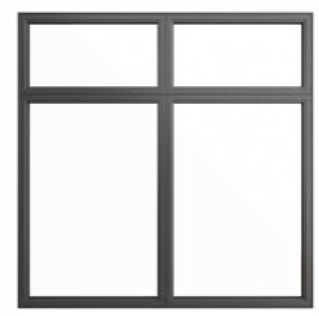
CONTEMPORARY FLUSH

STEPPED FLUSH

# CLASSIC WINDOWS

Echoing traditional steel style

The Classic window system is an ideal replacement for traditional steel windows, for ultra-modern, minimalist renovations and extensions available in casements, french, fixed, bow and bay window styles.



## CLASSIC WINDOWS

Traditional steel-echoed style

### UNIQUE FEATURES:

- Slimmest sightlines – 59mm
- Multipoint locking
- Mitred interior look

### THERMAL U VALUE:

Double glazed 1.4 W/m<sup>2</sup>K  
Triple glazed 1.1 W/m<sup>2</sup>K

### THRESHOLDS: 4

SASH STYLES: Contemporary or stepped

### COLOURS: 7

### PRODUCT TYPES:

Casement, fixed, French windows

**1.4**  
W/(m<sup>2</sup>K)  
U-VALUE  
DOUBLE GLAZED

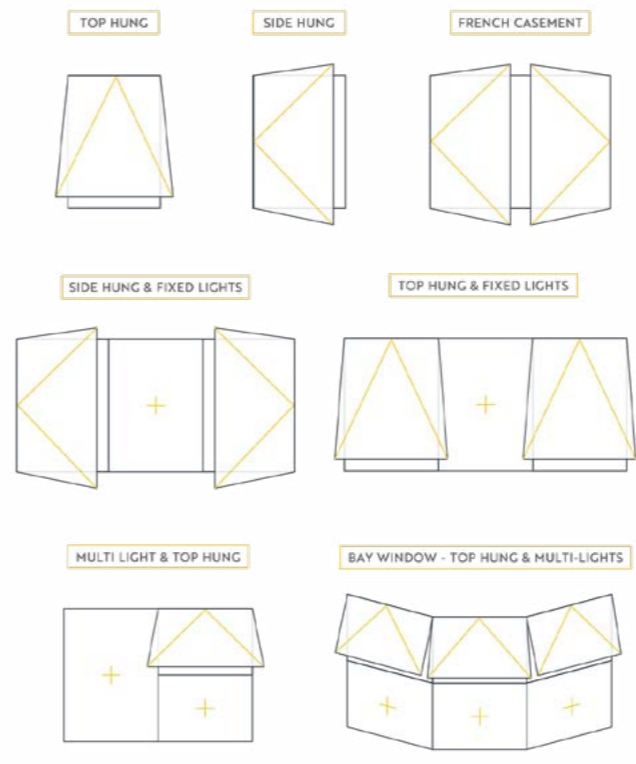
**1.1**  
W/(m<sup>2</sup>K)  
U-VALUE  
TRIPLE GLAZED

### FEATURE AS STANDARD:

- Thermlock® multi-chamber thermal break
- 12 colours, dual colour, bespoke colour
- Patented corner construction method
- Secure By Design options on all products

DESIGNED TO COMBINE THE LATEST TECHNICAL INNOVATIONS WITH PEERLESS AESTHETICS

### CONFIGURATIONS





# BIFOLD DOORS

## Beautifully balanced panoramic doors

Refined, architectural styled aluminium with the latest thermal and security technology

### UNIQUE FEATURES & BENEFITS

- Slim, equal 138mm sash-to-sash sightlines
- Available up to 6.5m wide and 2.6m tall
- Configurations up to 7 panes wide
- Accommodates single and French doors
- Patented construction method provides unparalleled levels of security
- Four threshold options with full weather-sealed rebates
- Unique Thermlock® technology provides exceptional thermal performance
- Available in stepped and contemporary 'flat-faced' styles

**PATENTED  
CORNER  
CONSTRUCTION**  
Ensures every  
corner is square

## THIS IS HIGH PERFORMANCE ALUMINIUM



### FOUR THRESHOLD OPTIONS

All bifold thresholds feature fully weather-sealed rebates.

- These rebates ensure doors aren't over-centred during operation, helping locks to engage correctly.
- Concealed drainage cleverly eliminates the need for unsightly drainage cover caps.

### PRODUCT OVERVIEW



## BIFOLD

Panoramic fold and  
slide doors

### UNIQUE FEATURES:

- Up to 7 panes  
*Including 4/2/2 configurations*
- Single and French door options
- Max 6.5 x 2.6m
- Max 1.2m sash width
- Max 120kg sashes
- 80mm deep outer frame
- 72mm deep sashes
- Slim 138mm sash to sash sightlines  
*standard across all styles*
- Up to 44mm triple glazing  
*36mm on stepped sashes*

### THERMAL U VALUE:

Double glazed 1.4 W/m<sup>2</sup>K  
Triple glazed 1.0 W/m<sup>2</sup>K

### THRESHOLDS: 3

### COLOURS: 7

### SASH STYLES: 2

### PRODUCT TYPES:

Bifold doors, single and French doors

**1.4**  
W/(m<sup>2</sup>K)  
U-VALUE  
DOUBLE GLAZED

**1.0**  
W/(m<sup>2</sup>K)  
U-VALUE  
TRIPLE GLAZED

### FEATURES AS STANDARD:

- Thermlock® multi-chamber thermal break
- 7 colours, dual colour, bespoke colour
- Patented corner construction method
- Secure By Design options on all products



**CLEVERLY  
CONCEALED  
DRAINAGE**  
Eliminates  
unsightly cover  
caps

# SMOOTH OPERATOR

Quality components – flawless operation

Every element has been engineered to operate perfectly with no aspect of the door being overlooked.

- Smooth and **reliable rolling** of the sashes is down to one-piece stainless steel tracks in the head and threshold.
- Hinges rated to **120kg** ensures **perfect alignment** of the sashes during operation due to.
- A unique tri-material gasket featuring low-friction coating maintains **smooth performance** and **reliable sealing**.



## SINGLE ROLLERS

Custom designed single rollers eliminate the need for floating mullions

Whatever style of door, ICENI bi-folds have consistent 138mm sightlines between sashes, creating a balanced look.



## SLIM INTERNAL HANDLES

Slimline internal handles extend the clean lines, folding away when not in use.

Flush styling perfectly matches both flush windows in the range, maintaining style across a property.



## INTEGRAL FINGER PULL LOCK

French doors (essentially a master and slave bifold door) include an integral finger pull lock eliminating the need for a second handle – continuing the clean, minimal aesthetics.

A mishandling device also ensures doors are locked in the correct order.





**PATIO DOOR**  
Panoramic Lift & Slide doors

**UNIQUE FEATURES:**

- Integral drainage built into sill
- Dual and triple track
- Part F (ventilation) compliant
- Frame can be delivered flat-pack

**SYSTEM SIZE:** mm

**THERMAL U VALUE:**

Double glazed 1.4 W/m<sup>2</sup>K  
Triple glazed 1.0 W/m<sup>2</sup>K

**THRESHOLDS:** 3x weather-rated

**COLOURS:** 7

**THERMLOCK:** Yes

**PRODUCT TYPES:** Dual and triple track

|  |  |
|--|--|
| <p><b>1.4</b><br/>W/(m<sup>2</sup>K)<br/>U-VALUE<br/>DOUBLE GLAZED</p> | <p><b>1.0</b><br/>W/(m<sup>2</sup>K)<br/>U-VALUE<br/>TRIPLE GLAZED</p> |
|--|--|

|   |  |
|---|--|
| <p><b>MAX WIDTH</b><br/><b>6.5m</b><br/>UNJOINTED</p> | <p><b>MAX HEIGHT</b><br/><b>2.5m</b></p> |
|---|--|

**MAX SASH WEIGHT**  
**400kg**  
USING PROVEN EASY-GLIDE HARDWARE  
(250kg STANDARD)

**STANDARD FEATURES**

- Thermlock® multi-chamber thermal break
- 7 colours, dual colour, bespoke colour
- Patented corner construction method
- Secure By Design options on all products

**PATIO DOORS**  
High performance lift & slide panoramic door

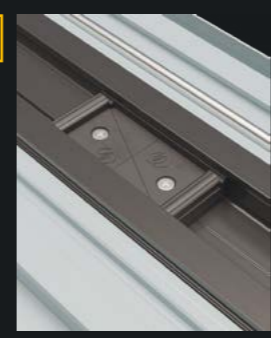
**THE GLIDE OF YOUR LIFE**

Stainless steel tracks using specially modified high-performance running gear ensures doors glide smoothly

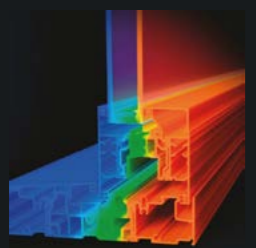
When choosing a panoramic door the Lift & Slide patio door maximises views, perfectly complementing the bi-fold door.

**FEATURES**

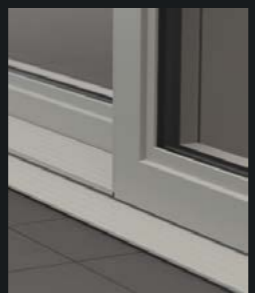
- Contemporary or stepped sash styles to match the suite
- Exceptional thermal performance using Thermlock® technology
- The same clip-in bead system as the windows and doors
- Part F compliant (ventilation) via separate 25mm head vent which doubles as a frame extension
- Three weather-rated thresholds
- Frame can be delivered in flat pack for restricted site access
- PAS24 accreditation optional
- No-nonsense Part L compliance



- 1 Dual or triple track covers most requirements
- 2 Utilises bespoke Lift & Slide gearing based on a proven platform to ensure super smooth and reliable operation
- 3 All gaskets supplied with low friction coating to the contact surfaces for smooth performance and reliable sealing
- 4 Patented sealing arrangement keeps doors weathertight
- 5 Flush jambs prevent snagging and maintains clean visual lines



Exceptional thermal performance using Thermlock® technology



Based on the Prestige range with the same clip-in bead system



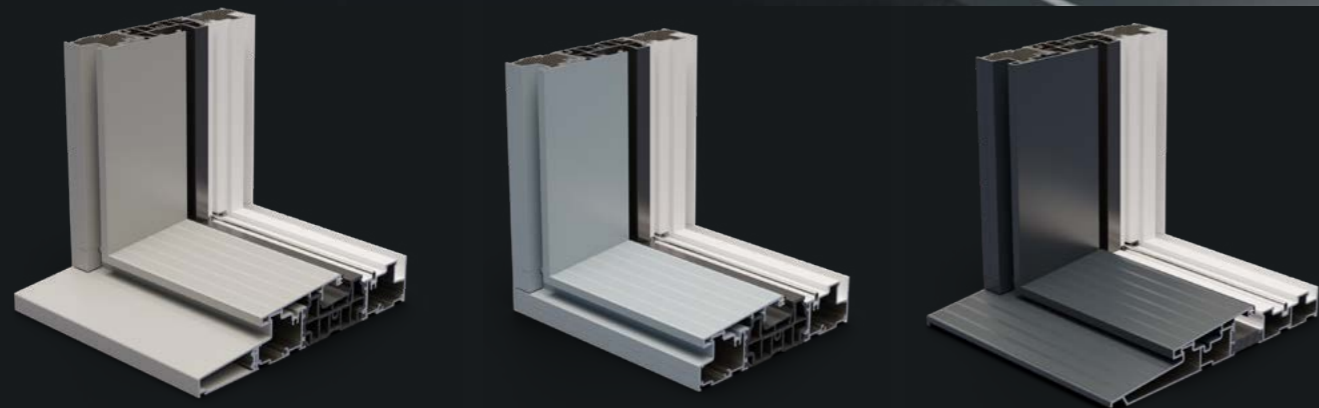
Available in stepped and contemporary styles

# PATIO SPECIFICATION

Three weather-rated thresholds. All feature integral drainage built into end caps.

Concealed zero threshold available for seamless transition.

|  |                                   |   |
|--|-----------------------------------|---|
| <p><b>MAX WIDTH</b><br/>6.5m<br/>UNJOINTED</p> | <p><b>MAX HEIGHT</b><br/>2.5m</p> | <p><b>MAX SASH WEIGHT**</b><br/>400kg</p> |
|--|-----------------------------------|---|



**STANDARD OUTER FRAME**  
with clip-on sill nose

**STANDARD OUTER FRAME**  
(38mm high)

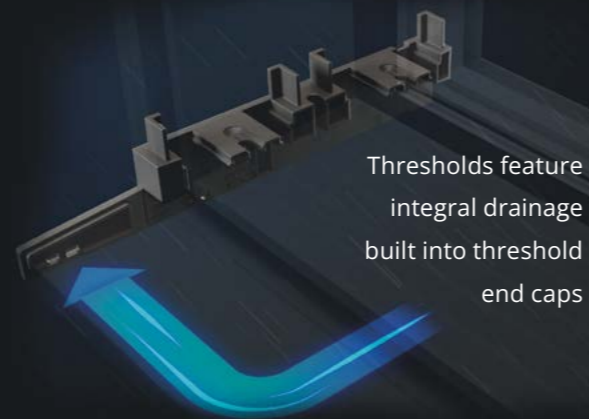
**LOW THRESHOLD\***  
with ramp (25mm high)

### LIFT AND DROP ASSIST

An optional *Drop Assist*<sup>1</sup> dampen the handle's rotational speed, preventing it arcing too quickly when the sliding door is lowered onto the track.

While the *Lift Assist*<sup>2</sup> helps when raising the sliding door off the track.

Both can be fitted if required and are recommended for extra-large door sashes over **1200KG / 2300KG**

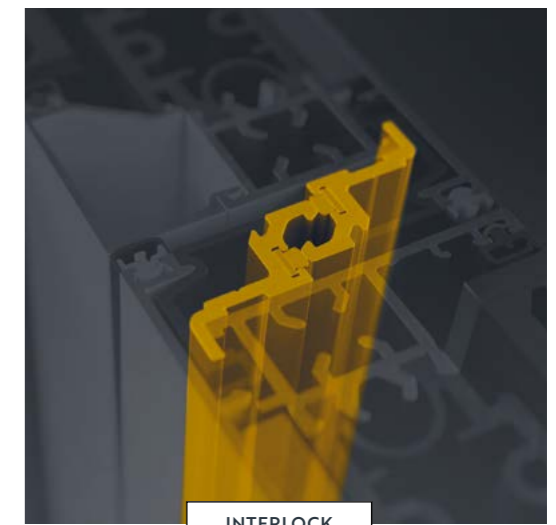


Thresholds feature integral drainage built into threshold end caps

<sup>1</sup>tested to the requirements of Part M. Only available in double track  
<sup>2</sup>Max sash weight is using proven easy-glide hardware (250kg standard)

# STYLE

Available in the same style options as the rest of our high-performance aluminium range, integrating to match the whole house.



INTERLOCK

### SLIM, STYLISH

Slim, minimal looks which match the whole range and maximise glass to make the most of the expansive views.

- Available with **contemporary and stepped sash** to perfectly match the rest of the Sheerline range
- Super slim sightlines of **106mm** frame & sash
- **20-31%** slimmer than market competitors
- **Ultra slim sightlines** with interlocks as slim as 52mm

### INTERLOCKS:

- **80mm** as standard
- **52mm** ultra slim option

### ...AND SECURE

- A unique **retracting hook-lock** with **flush-fitting keeps** eliminate protruding locking pegs on jambs, for a neater look and less snagging
- **High security interlocks** bind sashes together to stop unwanted intruders. Rated to 4.5kN
- **SBD** option available



HOOK LOCK

# ENTRANCE DOORS

Thermally efficient door system

ENTRANCE DOORS



## ENTRANCE DOORS

Thermally efficient glazed entrance doors

### UNIQUE FEATURES:

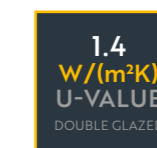
- Thermally efficient:  
Double glazed U-value 1.4 W/m<sup>2</sup>K,  
Triple glazed U-value 1.0 W/m<sup>2</sup>K
- Midrail letterbox options

### PROFILE OPTIONS

- Contemporary
- Stepped

### DOOR OPTIONS

- Single
- French doors



### STANDARD FEATURES

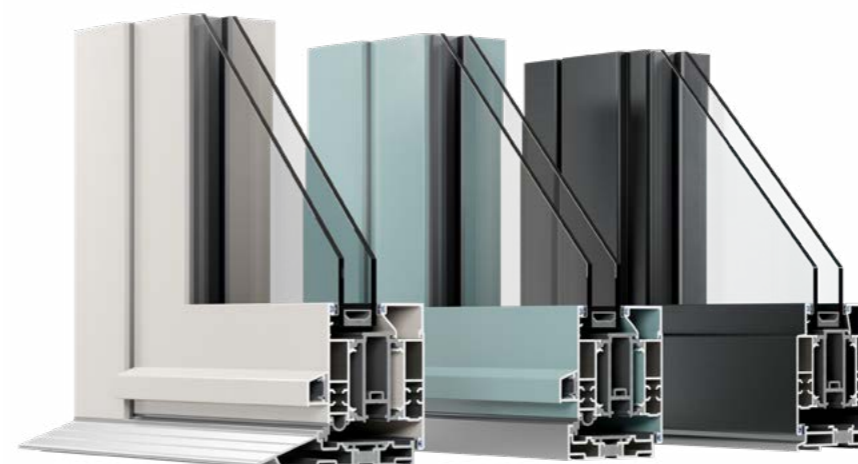
- Thermlock® multi-chamber thermal break
- 7 colours, dual colour, bespoke colour
- Patented corner construction method
- Secure By Design options on all products

The Prestige door range is a thermally efficient system, accommodating a wide range of styles and featuring a full-depth Eurogroove, giving you the maximum choice in hardware options.

## MAKING A PERFECT ENTRANCE

High quality, innovative and versatile, Sheerline doors let light flood in to open up interiors.

The Prestige system covers both single and French doors, so you can be sure of finding the perfect entrance for your home.



## THRESHOLDS

Three thermally-broken aluminium thresholds available, (alongside continuous frame options), tested to the requirements of Part M, ensuring there's no weak point in thermal performance helping to prevent condensation.

Continuing the high end aesthetics, no fixings are visible in the threshold, and designs follow the same clean, refined looks of our windows.



# STANDARD HANDLES

CHR Colour available Chr Unavailable CHR Pictured colour



AG



Window Handle

AG AB BLA BRZ CHR FB  
GLD GRA Pew SAT SS WHI



Architectural Window Handle

AG AB BLA BRZ CHR FB  
GLD GRA PEW SAT SS WHI



SCAN TO VIEW THE ONLINE HARDWARE GUIDE



Pear Drop Window Handle

AG AB Bla Brz CHR FB  
GLD GRA Pew Sat SS Whi



Monkey Tail Window Handle

AG AB Bla Brz CHR FB  
GLD GRA Pew Sat SS Whi



Tilt & Turn Window Handle

AG AB BLA BRZ CHR FB  
GLD Gra Pew SAT SS WHI



Pembroke Patio Door Handle (standard)

AG AB Bla BRZ CHR FB  
GLD GRA Pew SAT SS WHI



CHR

# DOOR HANDLES

CHR Colour available Chr Unavailable

CHR Pictured colour

SCAN TO VIEW THE ONLINE HARDWARE GUIDE



Balmoral Lever/Lever Handle

AG AB BLA BRZ CHR FB  
GLD GRA Pew SAT SS WHI



Balmoral Lever/Pad Handle

AG AB BLA BRZ CHR FB  
GLD GRA Pew SAT SS WHI



Balmoral Swan Lever Handle

AG AB BLA BRZ CHR FB  
GLD GRA Pew Sat SS WHI



Balmoral DDA Lever Handle

AG AB BLA BRZ CHR FB  
GLD GRA PEW SAT SS WHI



Heritage Lever Handle

AG AB Bla Brz CHR FB  
GLD GRA PEW Sat SS Whi



Architectural Lever Handle

AG AB Bla BRZ CHR FB  
GLD GRA Pew Sat SS Whi



Regal Lever Handle

AG AB Bla Brz Chr FB  
Gld Gra PEW Sat SS Whi



Monkey Tail Lever Handle

AG AB Bla Brz Chr FB  
Gld Gra PEW Sat SS Whi



Noble Lever Handle

AG AB Bla Brz Chr FB  
Gld Gra PEW Sat SS Whi



Round Door Knob

AG AB BLA BRZ CHR FB  
GLD GRA PEW SAT SAT Whi



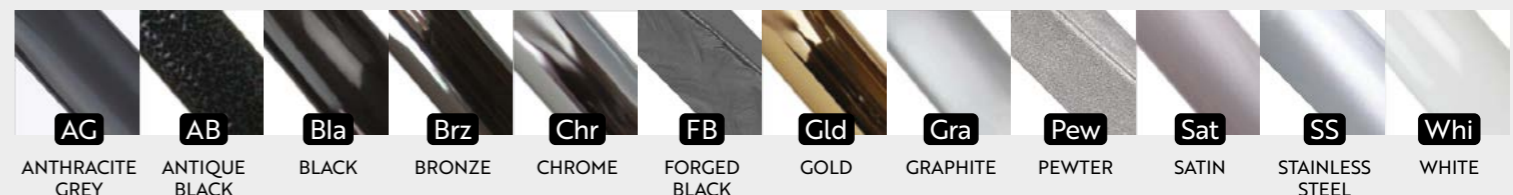
Architectural Cylinder Escutcheons

AG AB BLA BRZ CHR FB  
GLD GRA Pew Sat SS WHI



Balmoral Blanking plate

AG AB BLA BRZ CHR FB  
GLD GRA Pew SAT SS WHI



AG ANTHRACITE GREY AB ANTIQUE BLACK Bla BLACK BRZ BRONZE Chr CHROME FB FORGED BLACK Gld GOLD Gra GRAPHITE Pew PEWTER Sat SATIN SS STAINLESS STEEL Whi WHITE



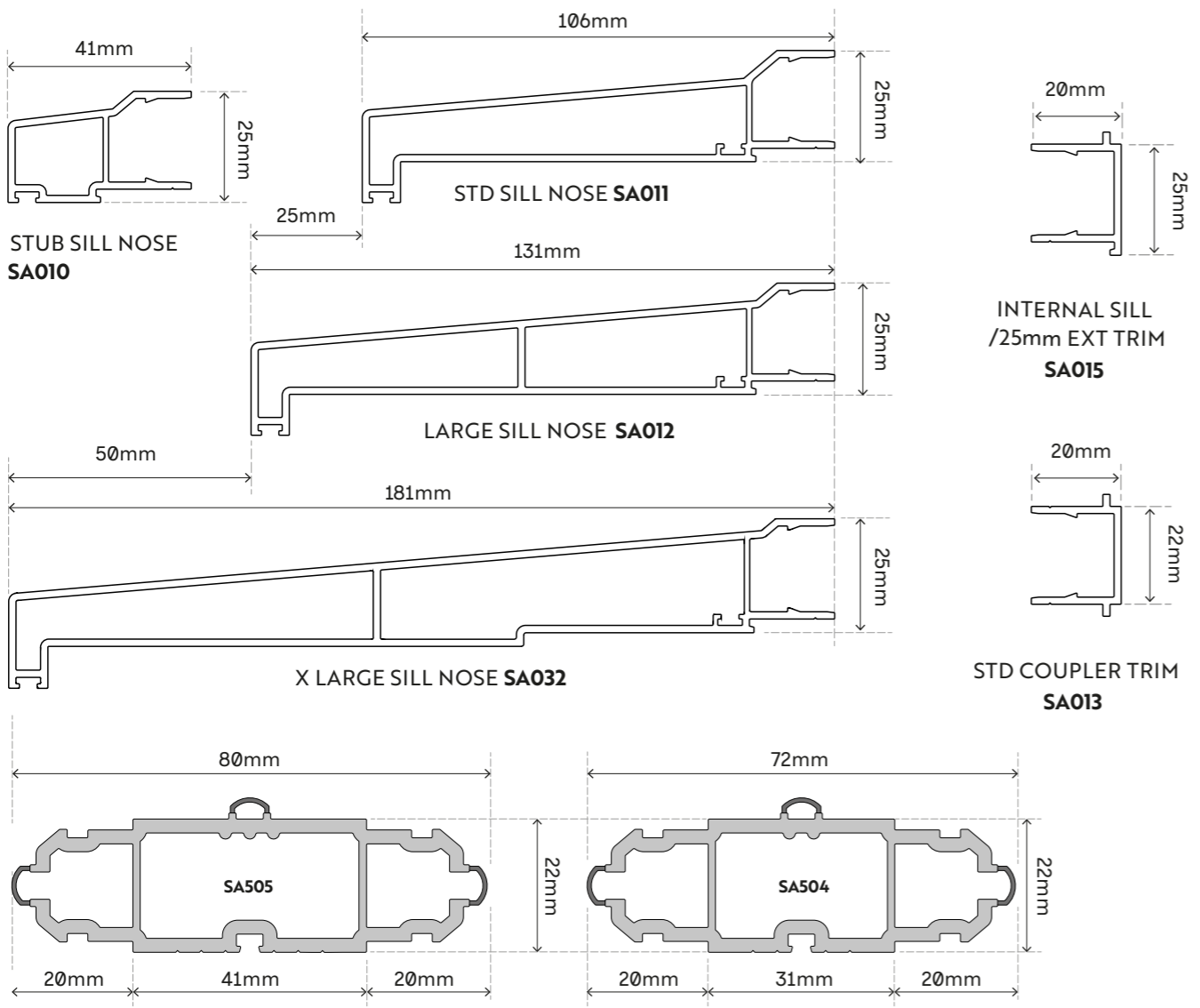
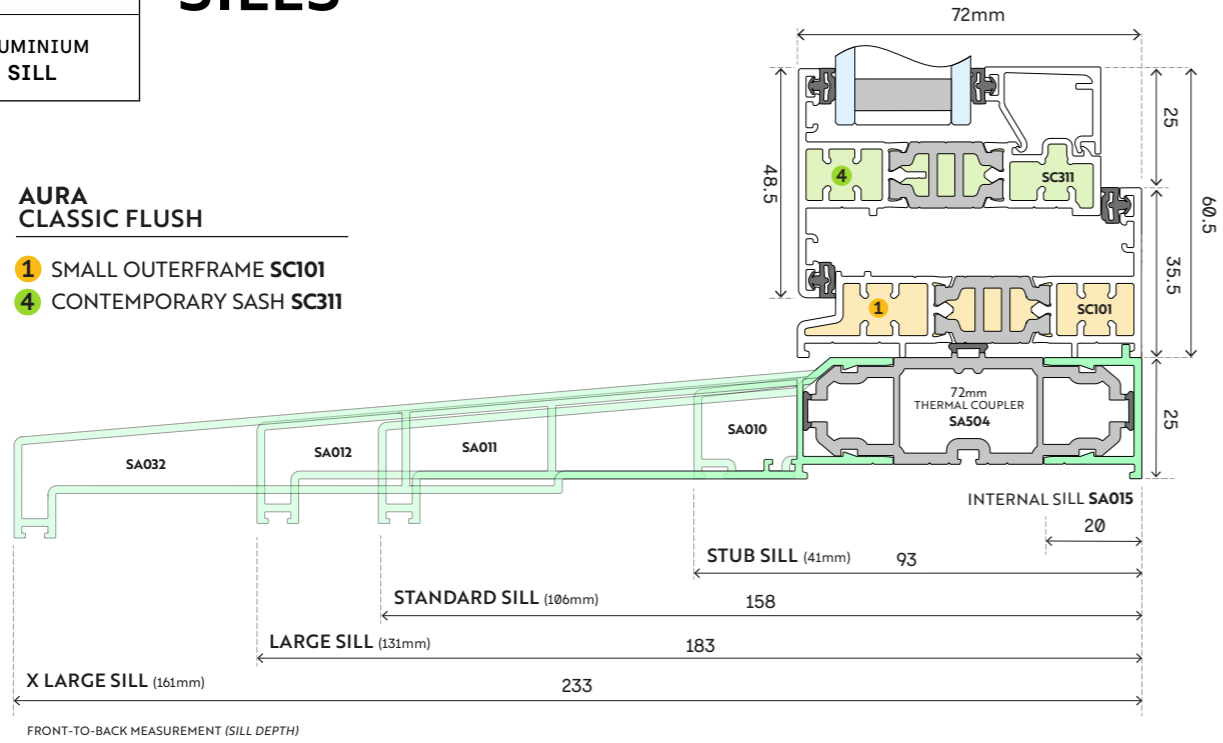
# TECHNICAL AREA: ALUMINIUM PROFILE DRAWINGS

## SILLS

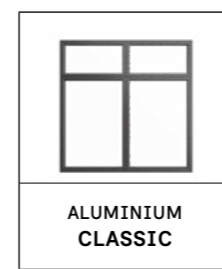


### AURA CLASSIC FLUSH

- 1 SMALL OUTERFRAME SC101
- 4 CONTEMPORARY SASH SC311

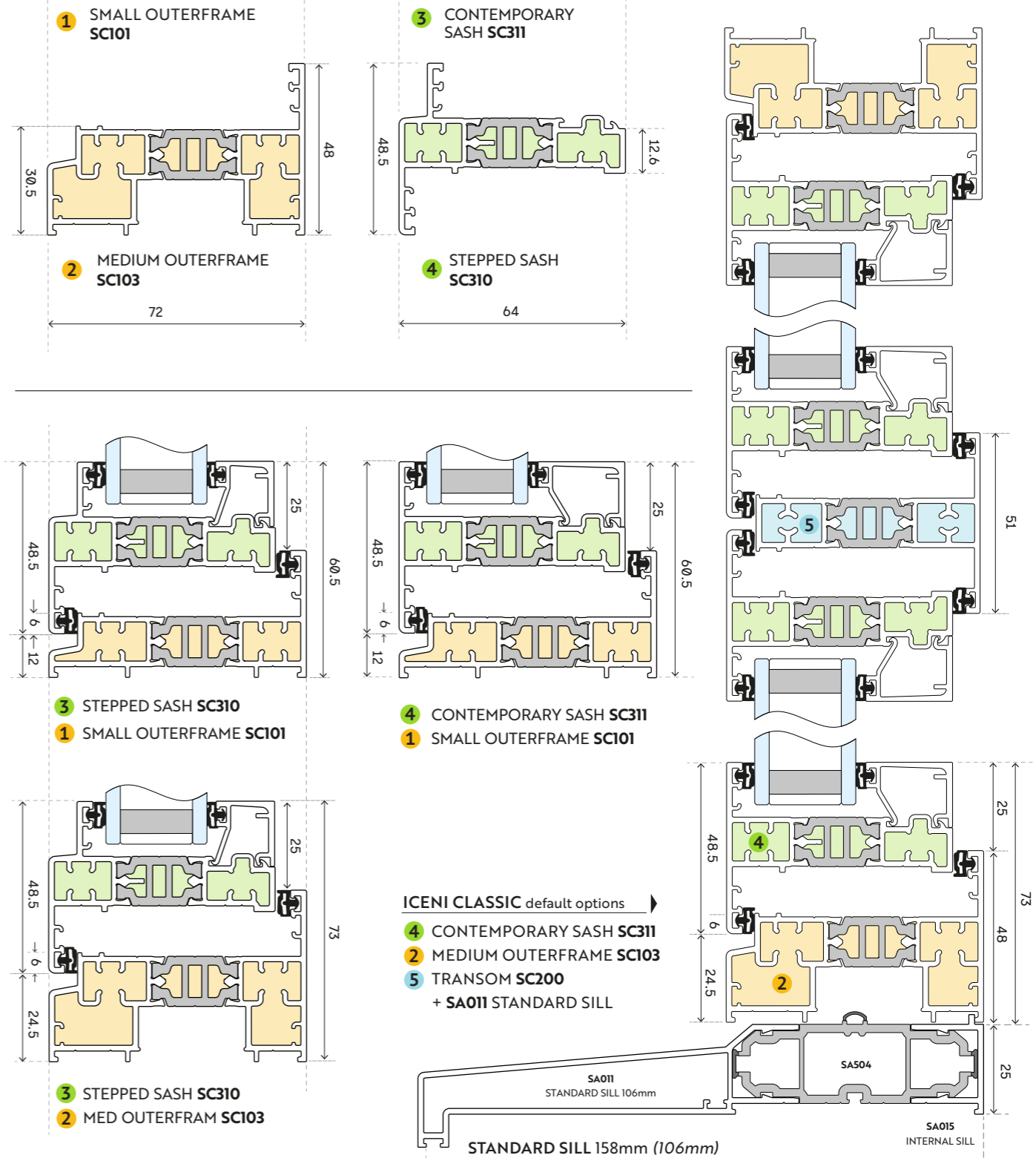
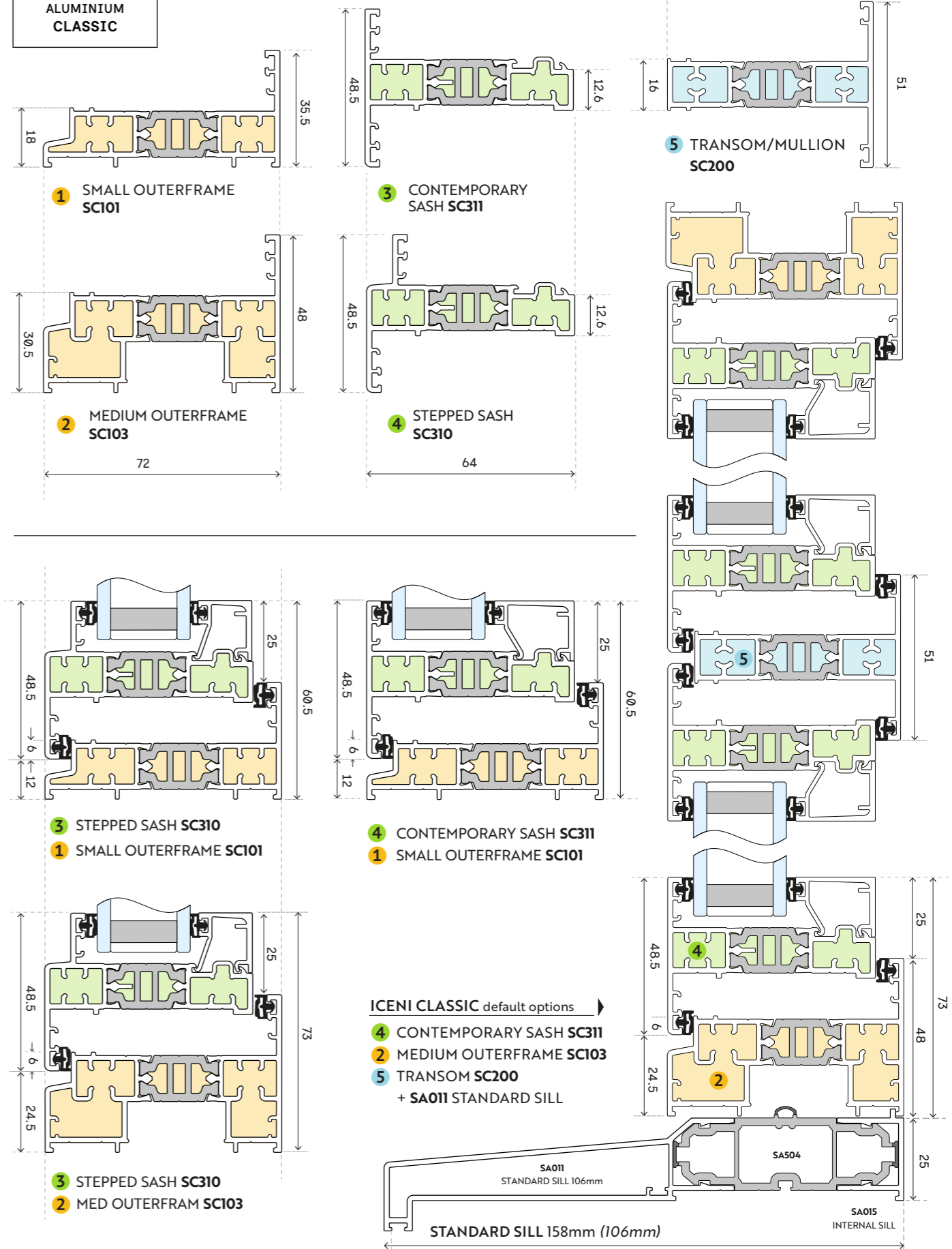


Sill options are the same for classic windows or prestige windows. A different coupler is used to accommodate the different frame depth of each. NOT TO SCALE



# TECHNICAL AREA: ALUMINIUM PROFILE DRAWINGS

## CLASSIC WINDOWS



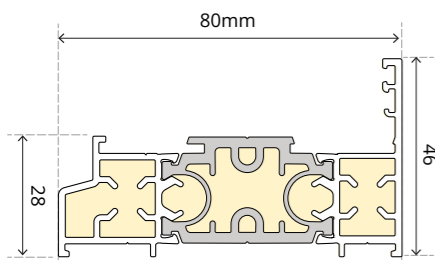
NOT TO SCALE. PLEASE NOTE: All beads are square. Bead type used is decided by; a) The chosen sash and b) the glass depth. View triple glazed options on our website.

TECHNICAL

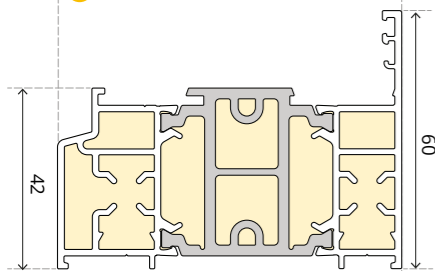
TECHNICAL



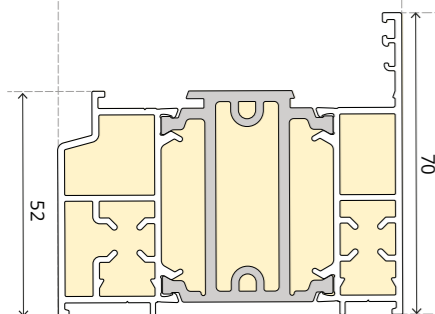
# PRESTIGE WINDOW



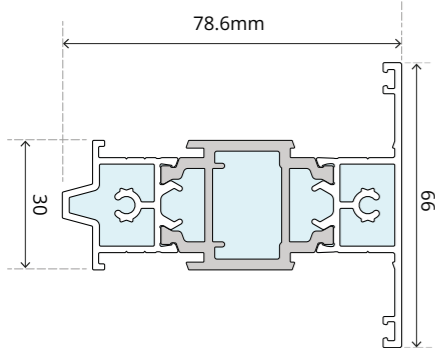
1 SMALL OUTERFRAME SP101



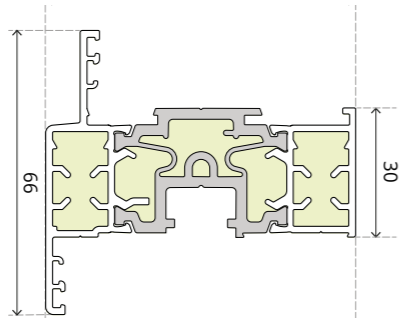
2 MEDIUM OUTERFRAME SP103



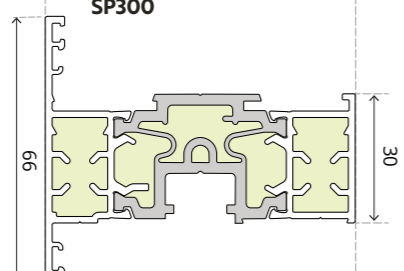
3 LARGE OUTERFRAME SP105



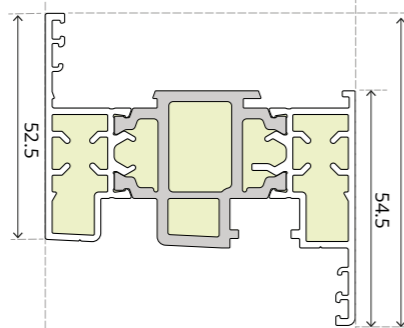
7 TRANSOM/MULLION SP210



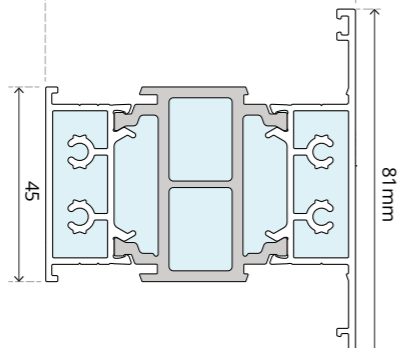
4 FLUSH STEPPED SASH SP300



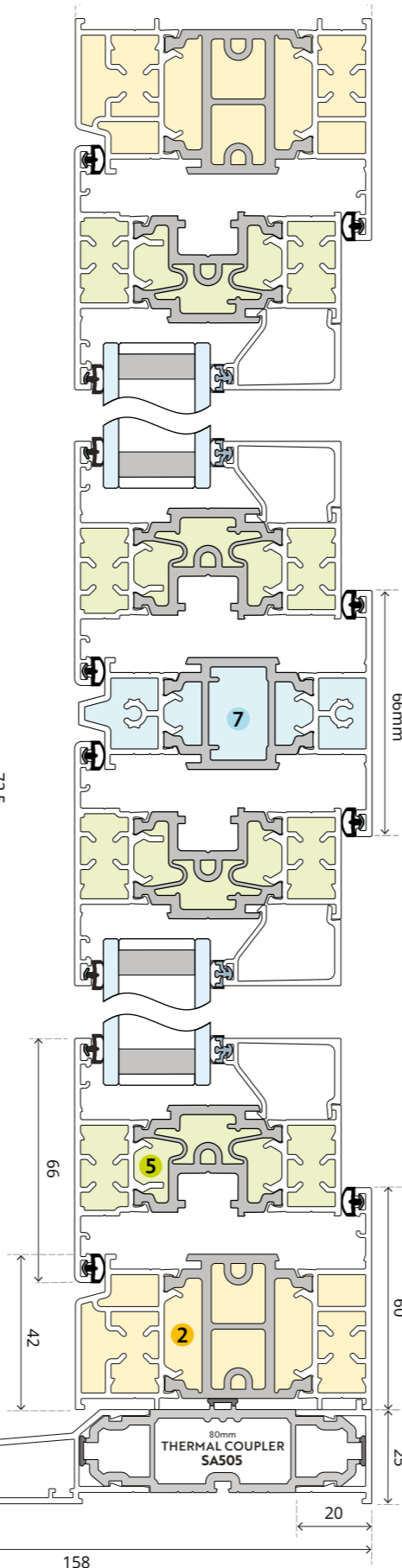
5 FLUSH CONTEMPORARY SASH SP301



6 FLUSH TILT & TURN SASH SP305



8 INTERMEDIATE TRANSOM / MULLION SP201



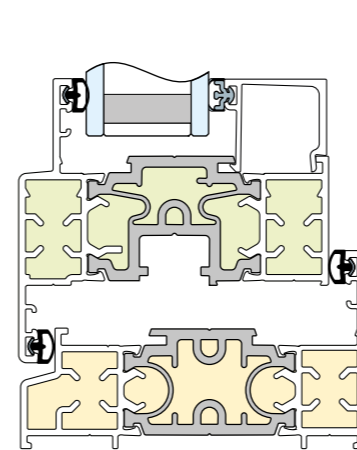
INTERNAL SILL SA015

ICENI Prestige default options ▶

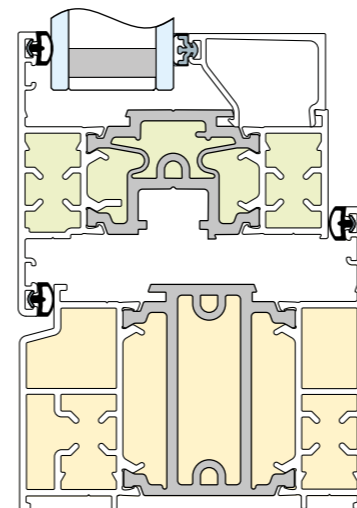
- 5 CONTEMPORARY SASH SP301
- 2 MEDIUM OUTERFRAME SP103
- 7 TRANSOM/MULLION SP210



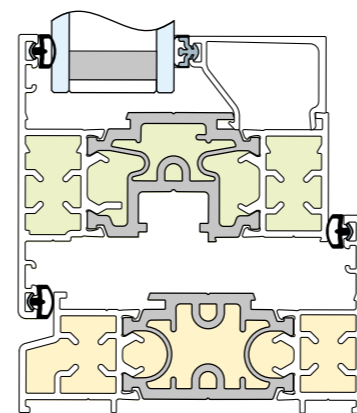
TILT & TURN ALUMINIUM



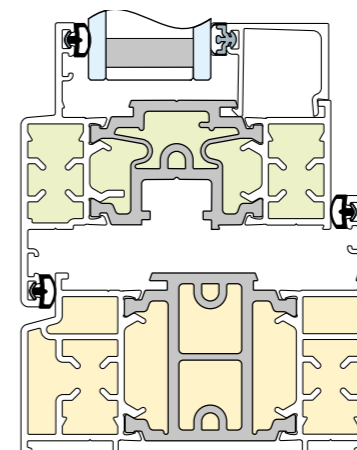
4 STEPPED SASH SP300 + 1 SMALL OUTERFRAME SP101



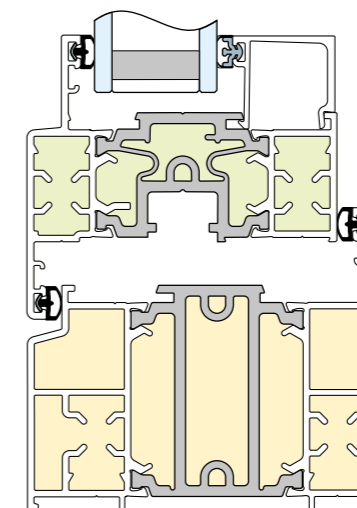
5 CONTEMPORARY SASH SP301 + 3 LARGE OUTERFRAME SP105



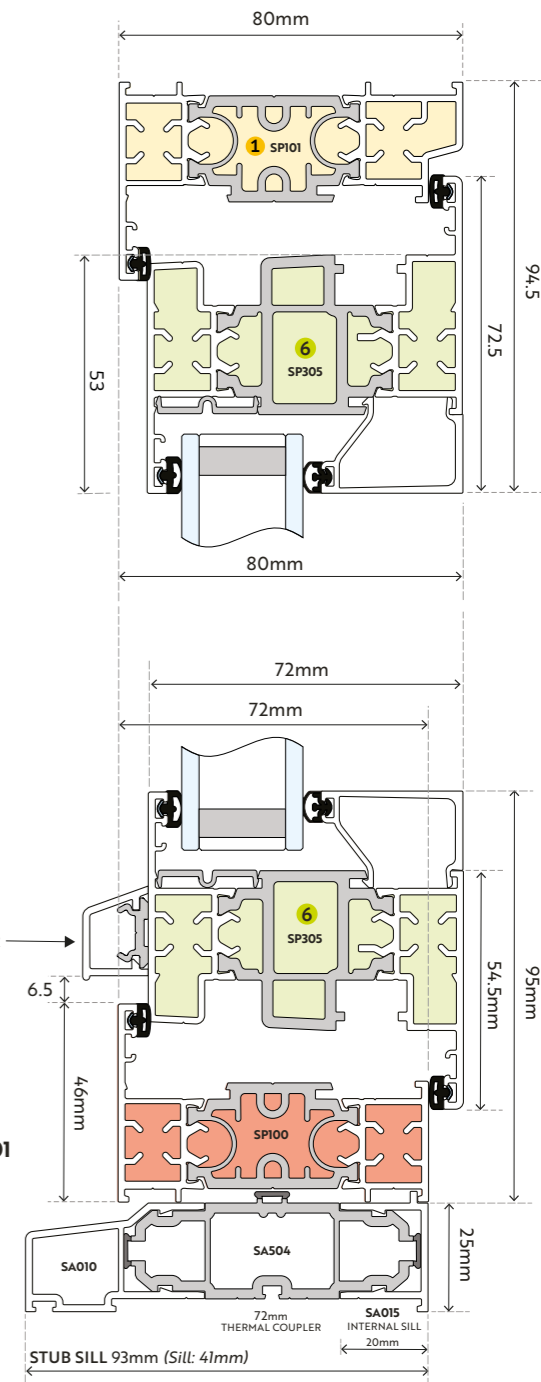
5 CONTEMPORARY SASH SP301 + 1 SMALL OUTERFRAME SP101



4 STEPPED SASH SP300 + 2 MEDIUM OUTERFRAME SP103



4 STEPPED SASH SP300 + 3 LARGE OUTERFRAME SP105



OPTIONAL DOOR DRIP BAR

ICENI Prestige Tilt & Turn default assembly ▶

- 6 TILT & TURN SASH SP305
- 1 SMALL FLUSH OUTERFRAME SP101 + STUB SILL SA010

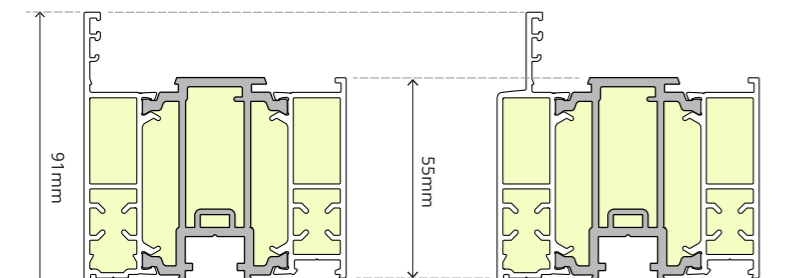
NOT TO SCALE. PLEASE NOTE: All beads are square. Bead type used is decided by: a) The chosen sash and b) the glass depth.



ALUMINIUM  
ENTRANCE DOOR

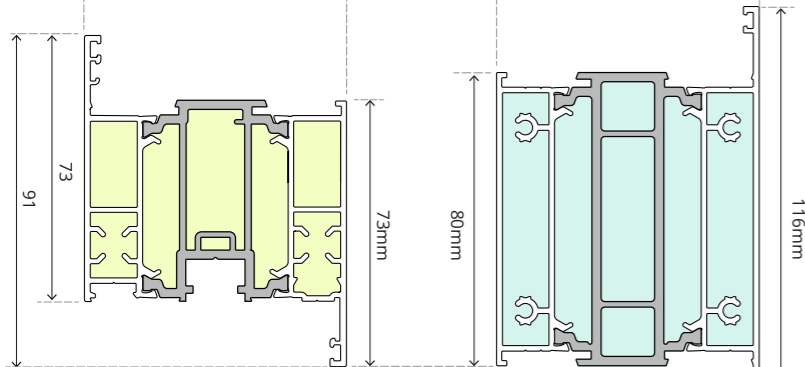
# TECHNICAL AREA: ALUMINIUM PROFILE DRAWINGS

## ENTRANCE DOOR



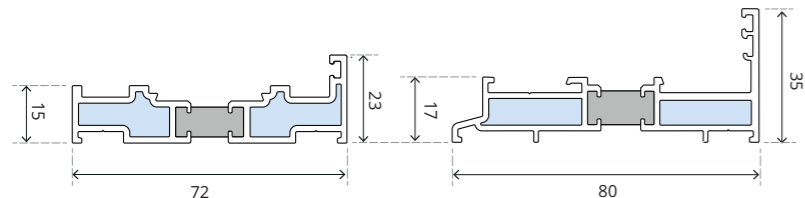
9 CONTEMPORARY 'T' DOOR SASH SP350

10 STEPPED 'T' DOOR SASH SP352



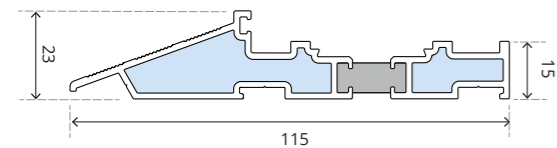
11 'Z' DOOR SASH SP351

12 MIDRAIL SP202



LOW THRESHOLD SP701

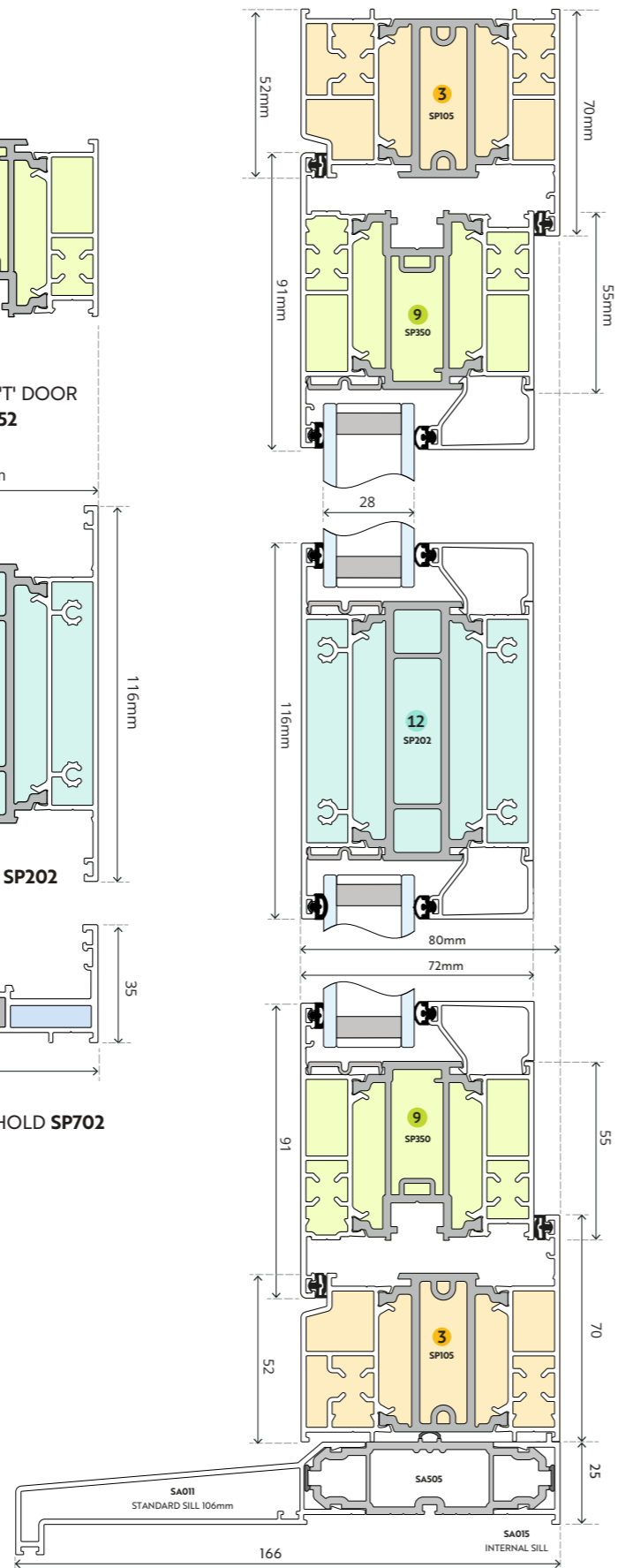
FRAME LOW THRESHOLD SP702



LOW THRESHOLD WITH RAMP SP700

ICENI PRESTIGE RESIDENTIAL DOOR default assembly ▶

- 9 CONTEMPORARY 'T' DOOR SASH SP350
- 3 LARGE OUTERFRAME SP105
- 12 MIDRAIL SP202
- + STD SILL SA011



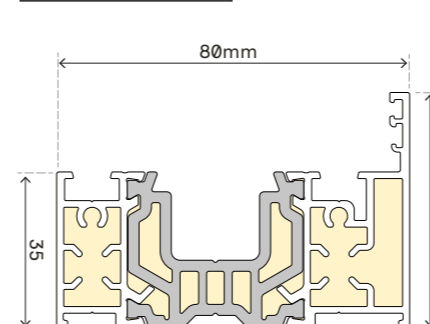
FULL SILL OPTIONS ARE ON PAGE 33



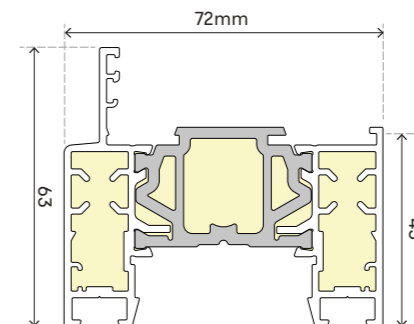
ALUMINIUM  
PRESTIGE BIFOLD

# TECHNICAL AREA: ALUMINIUM PROFILE DRAWINGS

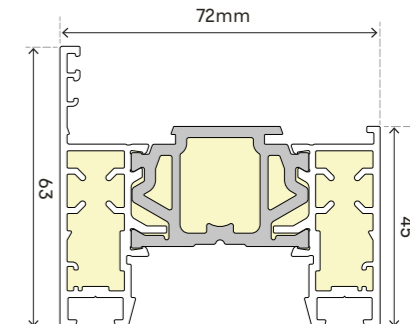
## BIFOLD DOOR



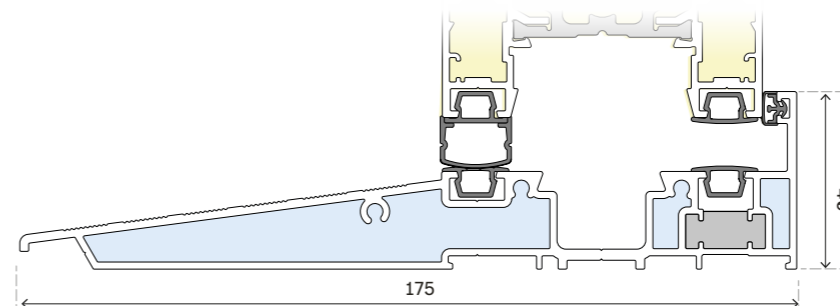
13 OUTERFRAME SBF100



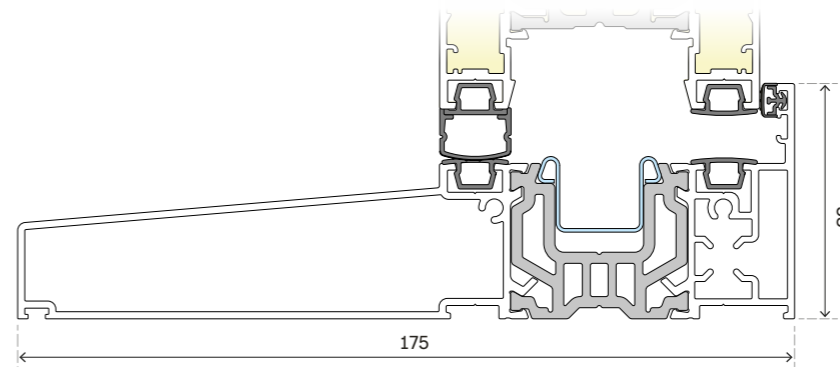
14 STEPPED SASH SBF300



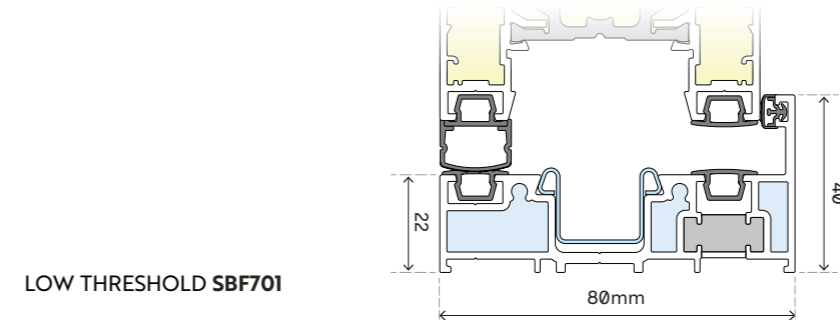
15 CONTEMPORARY SASH SBF301



LOW THRESHOLD WITH RAMP SBF700



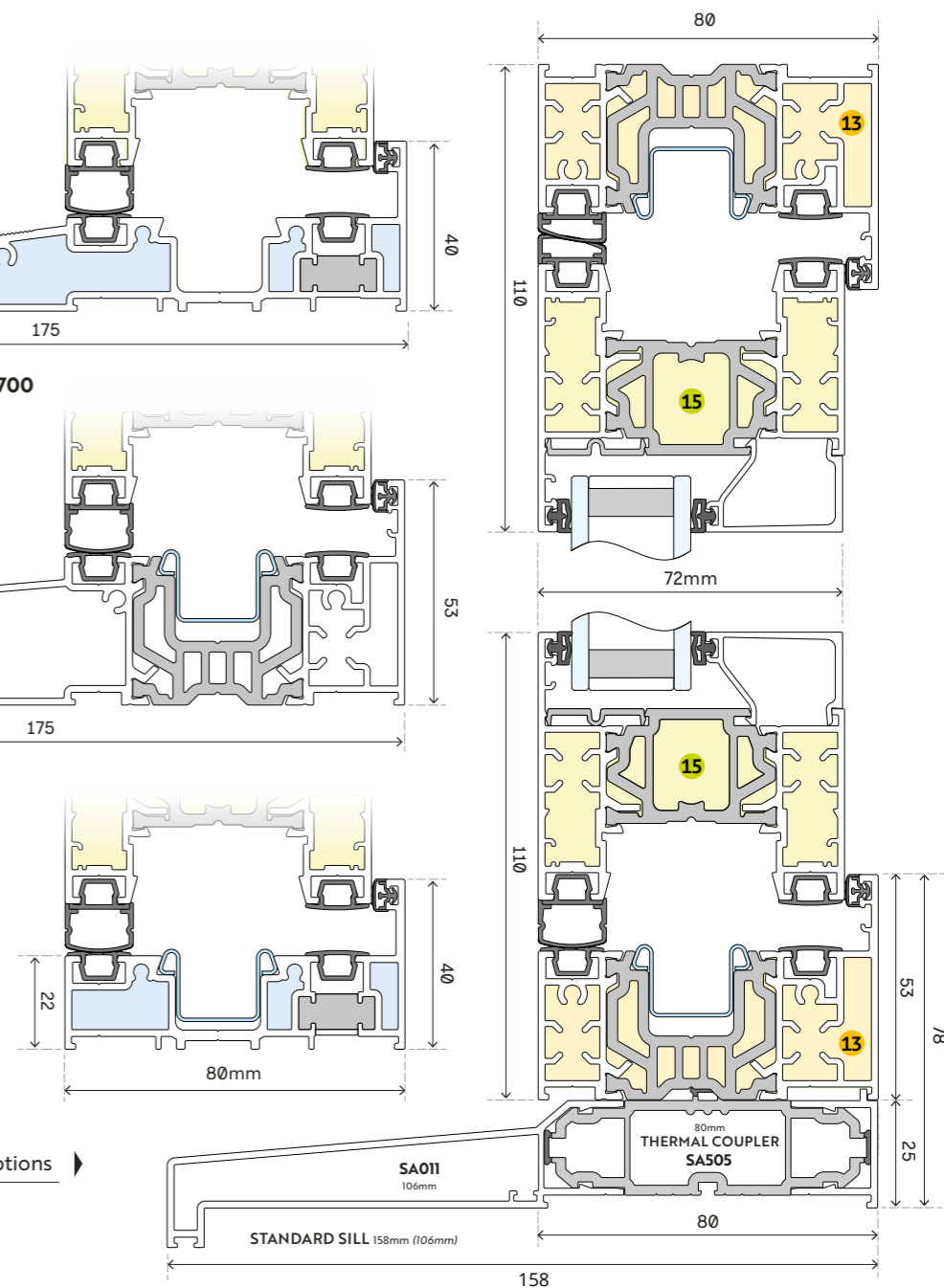
INTEGRAL SILL SBF400



LOW THRESHOLD SBF701

ICENI PRESTIGE BIFOLD default options ▶

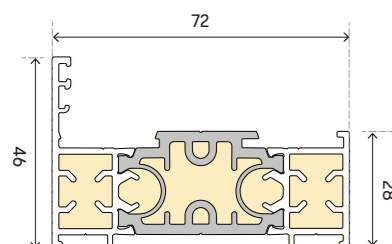
- 15 CONTEMPORARY SASH SBF301
- 13 OUTERFRAME SBF100
- + STANDARD SILL SA011



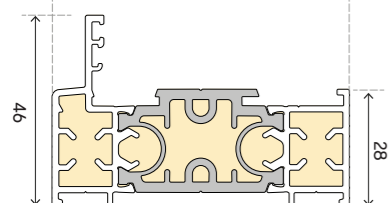


# TECHNICAL AREA: ALUMINIUM PROFILE DRAWINGS

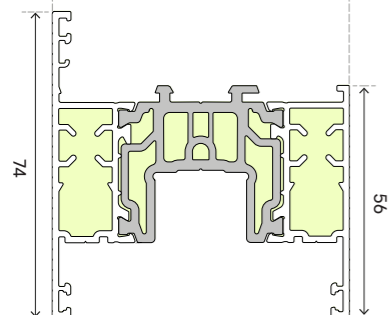
## PATIO DOOR



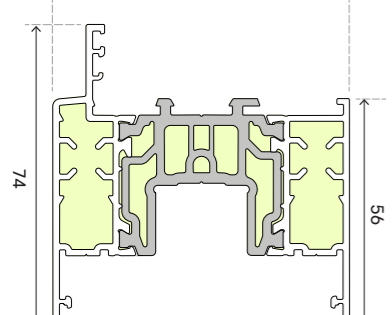
16 SMALL OUTERFRAME SP100



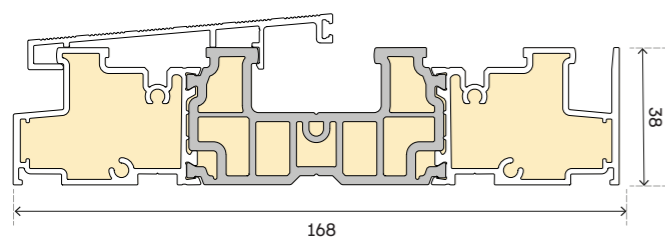
17 SMALL STEPPED OUTERFRAME SLS150



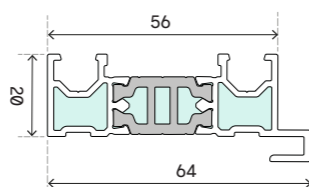
18 CONTEMPORARY SASH SLS301



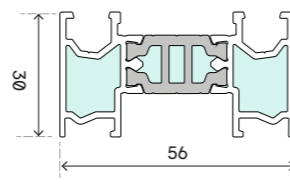
19 STEPPED SASH SLS300



20 2-PANE STANDARD FRAME SLS100



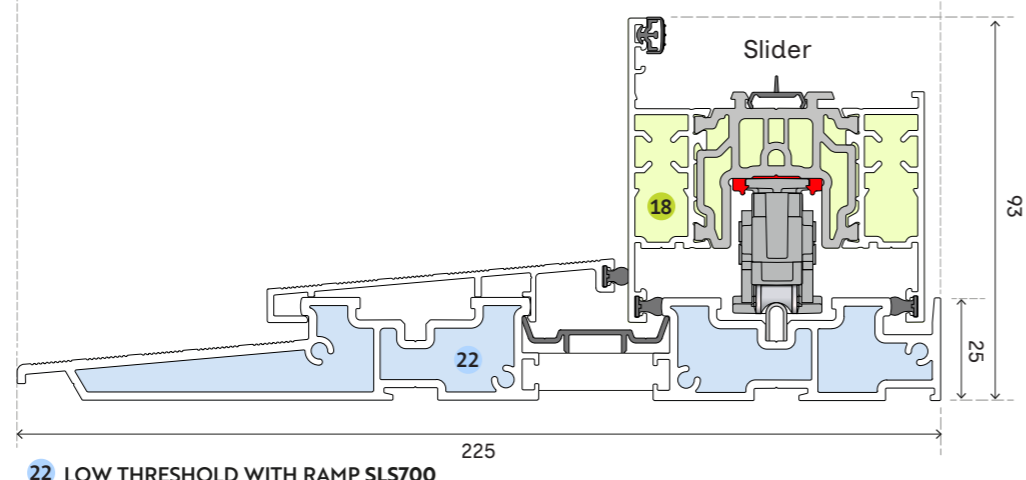
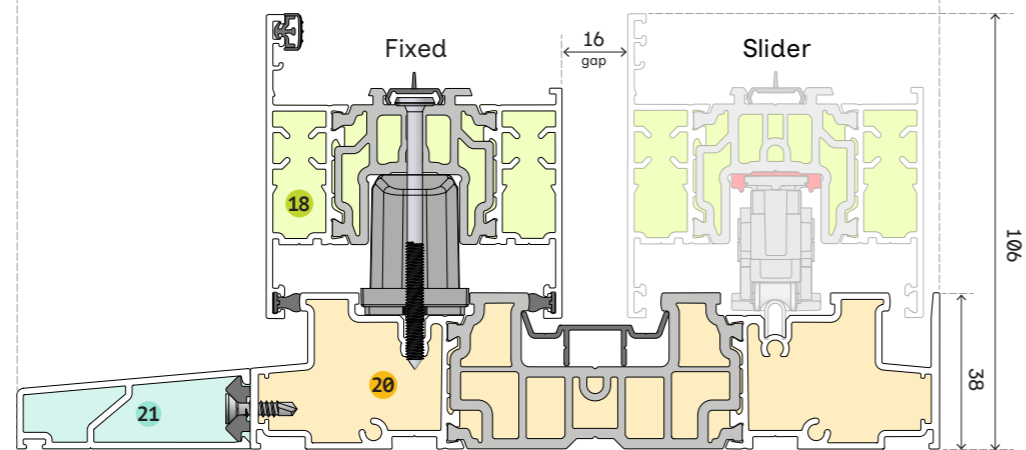
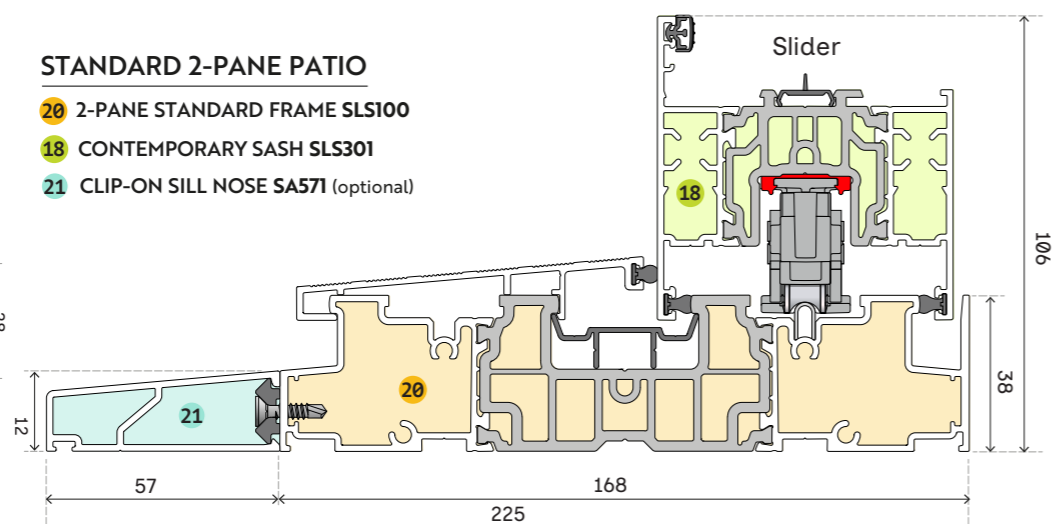
JAMB EXTENSION SLS103



4 PANE ADAPTOR SLS250

### STANDARD 2-PANE PATIO

- 20 2-PANE STANDARD FRAME SLS100
- 18 CONTEMPORARY SASH SLS301
- 21 CLIP-ON SILL NOSE SA571 (optional)



22 LOW THRESHOLD WITH RAMP SLS700

# TECHNICAL AREA: ICENI-ALUMINIUM PRODUCT SPECIFICATIONS



## DESIGN LIMITATIONS AND PERFORMANCE CHARACTERISTICS - BS6375-1&2

### CLASSIC WINDOWS

| WINDOW TYPE   | Min width (mm) | Min height (mm) | Max width (mm) | Max height (mm) | Max Perimeter (mm) | Max weight (kg) | Air (Pa) | Water (Pa) | Wind (Pa)    |
|---|----------------|-----------------|----------------|-----------------|--------------------|-----------------|----------|------------|--------------|
| Top Hung  | 400            | 350             | 1300           | 1225            | 5050               | 50              | Class 2  | Class 7A   | Class CE2400 |
| Side Hung   | 350            | 400             | 710            | 1450            | 4320               | 40              | Class 4  | Class E750 | Class CE2400 |
| French Casement   | 350            | 400             | 710            | 1450            | -                  | 40              | -        | -          | -            |
| Fixed Dummy   | 350            | 350             | 1500           | 2100            | -                  | -               | Class 2  | Class 7A   | Class CE2400 |
| Sash dimensions for windows with approved sash profiles:          |                |                 |                |                 |                    |                 |          |            |              |
| Projecting top hung   | -              | -               | 1300           | 1225            | 5050               | -               | Class 2  | Class 7A   | Class CE2400 |
| Projecting side hung  | -              | -               | 710            | 4320            | 4320               | -               | Class 4  | Class E750 | Class CE2400 |
| Overall dimensions for windows with approved outerframe profiles: |                |                 |                |                 |                    |                 |          |            |              |
| Dummy vent  | -              | -               | 740            | 5620            | 5620               | -               | Class 2  | Class 7A   | Class CE2400 |
| Fixed light   | -              | -               | 740            | 5620            | 5620               | -               | Class 4  | Class 7A   | 3A           |
| Multilight  | -              | -               | 1500           | 7200            | 7200               | -               | Class 2  | Class 7A   | Class CE2400 |

\* Max sizes are overall sash sizes. The max sizes on the fixed dummy sash are interchangeable allowing you to achieve a window size of 2100w x 1470h.

### PRESTIGE WINDOWS

| WINDOW TYPE      | Min width (mm) | Min height (mm) | Max width (mm) | Max height (mm) | Max Perimeter (mm) | Max weight (kg) | Air (Pa) | Water (Pa) | Wind (Pa)    |
|------------------|----------------|-----------------|----------------|-----------------|--------------------|-----------------|----------|------------|--------------|
| Top Hung         | 380            | 330             | 1430           | 1260            | -                  | -               | Class 3  | Class 8A   | Class 4C     |
| Side Hung        | 330            | 380             | 710            | 1450            | -                  | -               | Class 4  | Class 9A   | Class CE2400 |
| French Casement  | 330            | 380             | 710            | 1450            | -                  | -               | Class 4  | Class 9A   | Class CE2400 |
| Residential Door | 600            | -               | 1000           | 2500            | -                  | -               | Class 2  | Class 2A   | Class C3     |
| French Door      | 600            | -               | 1000           | 2500            | -                  | -               | Class 4  | Class 2A   | Class C3     |
| Tilt & Turn      | 460            | 500             | 1428           | 1428            | -                  | -               | Class 4  | Class 7A   | Class CE2400 |
| Fixed light      | -              | -               | 740            | 2040            | -                  | -               | -        | -          | -            |

\* Sizes are overall sash sizes, unless otherwise stated

| Sash dimensions for for windows with approved sash profiles:          | Max W (mm) | Max H (mm) | Max P (mm) | Air (Pa) | Water (Pa) | Wind (Pa) |
|---|------------|------------|------------|----------|------------|-----------|
| Projecting top hung   | 1430       | 1260       | 5380       | Class 3  | Class 8A   | -         |
| Projecting side hung  | 710        | 1450       | 4320       | Class 4  | Class 9A   | -         |
| Tilt & Turn   | 1430       | 1430       | 5720       | Class 4  | Class 7A   | -         |
| Overall dimensions for for windows with approved outerframe profiles: |            |            |            |          |            |           |
| Fixed light   | 740        | 2070       | 5620       | Class 4  | Class 7A   | -         |
| Multilight consisting fixed light                                     | 1470       | 1470       | 2.03       | Class 4  | Class 7A   | -         |
| Multilight consisting top hung opener                                 | 1470       | 1470       | 2.03       | Class 3  | Class 8A   | -         |
| Multilight side hung next to side hung                                | 1470       | 1470       | 2.03       | Class 4  | Class 9A   | -         |

### BIFOLDING DOORS

| TYPE                       | Min width (mm) | Min height (mm) | Max width (mm) | Max height (mm) | Perimeter | Max weight (kg) | Air (Pa) | Water (Pa) | Wind (Pa) |
|----------------------------|----------------|-----------------|----------------|-----------------|-----------|-----------------|----------|------------|-----------|
| Bifold                     | 800            | 1900            | 1200           | 2500            | -         | -               | -        | -          | -         |
| Sash open-in               | 600            | 1860            | 1220           | 2520            | -         | 120             | Class 2  | Class 4A   | C2        |
| Sash open-out              | 600            | 1860            | 1220           | 2520            | -         | 120             | Class 4  | Class 7A   | A3        |
| 3 panes open-in (overall)  | -              | -               | 3800           | 2600            | -         | -               | -        | -          | -         |
| 3 panes open-out (overall) | -              | -               | 3800           | 2600            | -         | -               | -        | -          | -         |

All calculations are undertaken with the use of Winso (2.7.0) based on a 1230 x 1480 window as specified by BS EN 14351.

### RESIDENTIAL DOOR LEAVES

| TYPE                        | Min width (mm) | Min height (mm) | Max width (mm) | Max height (mm) | Perimeter | Max weight (kg) | Air (Pa) | Water (Pa) | Wind (Pa) |
|-----------------------------|----------------|-----------------|----------------|-----------------|-----------|-----------------|----------|------------|-----------|
| Single leaf (overall)       | -              | -               | 1100           | 2600            | -         | -               | 2        | 2A         | C3        |
| Active leaf                 | -              | -               | 1005           | 2500            | -         | -               | 2        | 2A         | C3        |
| Single leaf (overall) SP702 | -              | -               | 1100           | 2557            | -         | -               | 2        | 5A         | C3        |
| Active leaf                 | -              | -               | 1008           | 2500            | -         | -               | 2        | 5A         | C3        |
| Double leaf (overall)       | -              | -               | 2100           | 2555            | -         | -               | 4        | 2A         | C3        |
| Master leaf                 | -              | -               | 1005           | 2500            | -         | -               | 4        | 2A         | C3        |
| Slave leaf                  | -              | -               | 1040           | 2500            | -         | -               | 4        | 2A         | C3        |

### PATIO DOORS

|                    |                        | Sash height (mm)    | Standard interlock  | Slim interlock      |
|--------------------|------------------------|---------------------|---------------------|---------------------|
|                    |                        | Max Sash width (mm) | Max Sash width (mm) | Max Sash width (mm) |
| Max overall width  | 6500mm                 | 2500 (max)          | 1600                | n/a                 |
| Max overall height | 2500mm                 | 2400                | 1900                | 1300                |
|                    |                        | 2300                | 2400                | 1600                |
|                    |                        | 2200                | 3000                | 2000                |
| Max Sash weight    | 250kg/ 400kg (upgrade) | 2100                | 3250                | 2600                |

VIEW OUR OTHER PRODUCTS



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BY ICENI FROM SHEERLINE



• THE •  
MASTER MANUFACTURERS

[www.iceniwindows.co.uk](http://www.iceniwindows.co.uk)



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