



# ITALIA WINDOWS

## Product Catalog

› Aluminium window & doors,  
and curtain walling systems.

[www.italiawindows.in](http://www.italiawindows.in)



## Contact



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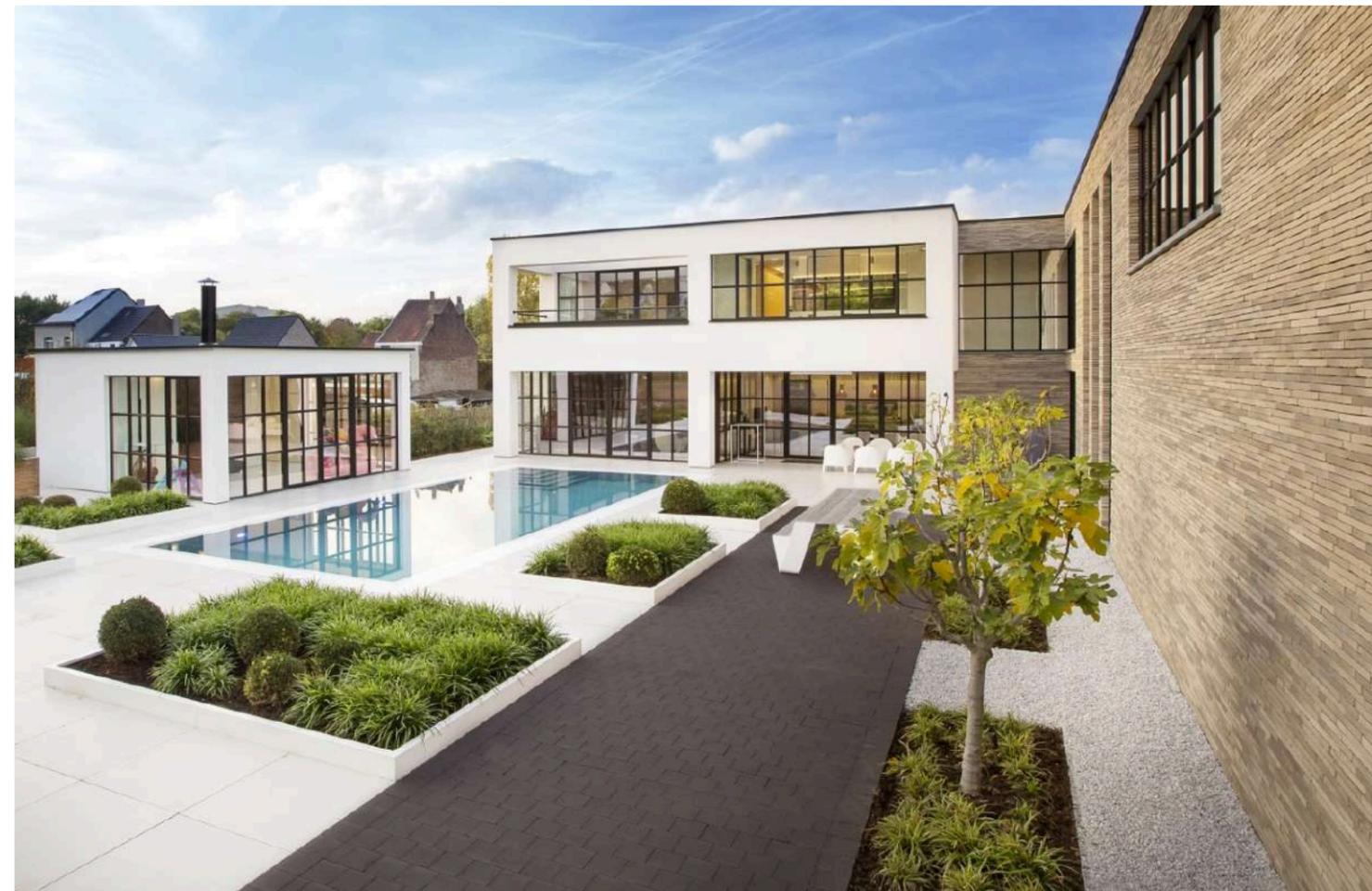
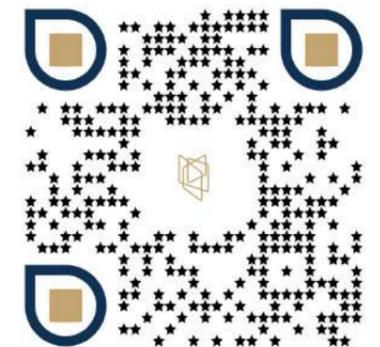


Cunningham classic  
3rd floor , cunningham road ,  
Bengaluru, 560052  
Karnataka, India



**ITALIA WINDOWS**

Luxury in every frame



## AluK INDIA at a glance



**3500+**  
customers served in  
Retail, Commercial,  
Education and  
Hospitality sectors



**4000+**  
Projects executed across  
country and SAARC  
region



**AluK Academy**  
we provide a wide range  
of training options to all  
our customers



**100+**  
Authorised partners  
spread across India,  
Sri Lanka, Nepal and  
Bangladesh region



**End-to-end**  
customer support  
systems managed by  
team of experts

## AluK International at a glance



**Global leader**  
in design, engineering  
and distribution of  
aluminium windows,  
doors, and façade  
solutions



Operations in  
**12 countries**  
Customers in  
**36 countries**



**1,800+**  
employees



**40,000 tonnes**  
produced each year



**500,000**  
windows produced  
with our systems



## Why choose AluK aluminium systems?

### Driven by design

Without compromising on strength, our aluminium window and door systems are designed to offer your customers the narrowest of sightlines, allowing bigger glazing and providing greater light into their home. Our integrated systems are designed for maximising profiles and parts, as well as to ensure fast fabrication and a wide range of installation options.

### Performance

Each system includes water and acoustic barriers, and utilises the latest manufacturing technologies and techniques to provide long-term peace of mind. They also have integrated drainage paths that allow water to pass through the system. This, combined with the high quality air seals and barriers, ensures they can tackle the everchanging Indian climate with ease.

### Tried and Tested

When you choose AluK, you can trust that our tried and tested systems will provide you with the utmost peace of mind and long-lasting performance. Our commitment to delivering exceptional quality is reflected in our products, as they are thoroughly tested and accredited to meet the highest international standards. We ensure that our systems excel in areas such as air/water/wind penetration, security, and durability.

### Security

We understand the importance of security to your customers. That's why all our window and door systems are independently tested to ensure they not only meet current security regulations for new builds, but that they're inherently burglar resistant too. Most of our systems are also certified by PAS 24, Secured by Design and Q-marked accredited.





# Leading the way in aluminium

A global leader in the design, engineering and distribution of aluminium windows, doors, and façade solutions. At AluK, we understand the challenges of modern building construction. With over 70 years of experience, we provide tailored aluminium windows, doors, and façade systems. Our solutions are customized to meet the unique challenges of each project, ensuring the best results. With a commitment to excellence and innovation, our range of products is specifically designed to meet the unique demands of the Indian market. We work closely with you, offering expert advice and support from design to installation.



**500,000**  
windows produced every year

**20,000**  
tonnes of aluminium produced and distributed every year

**12**  
business units

**800+**  
collaborators

**8**  
manufacturing sites

**13**  
warehouses

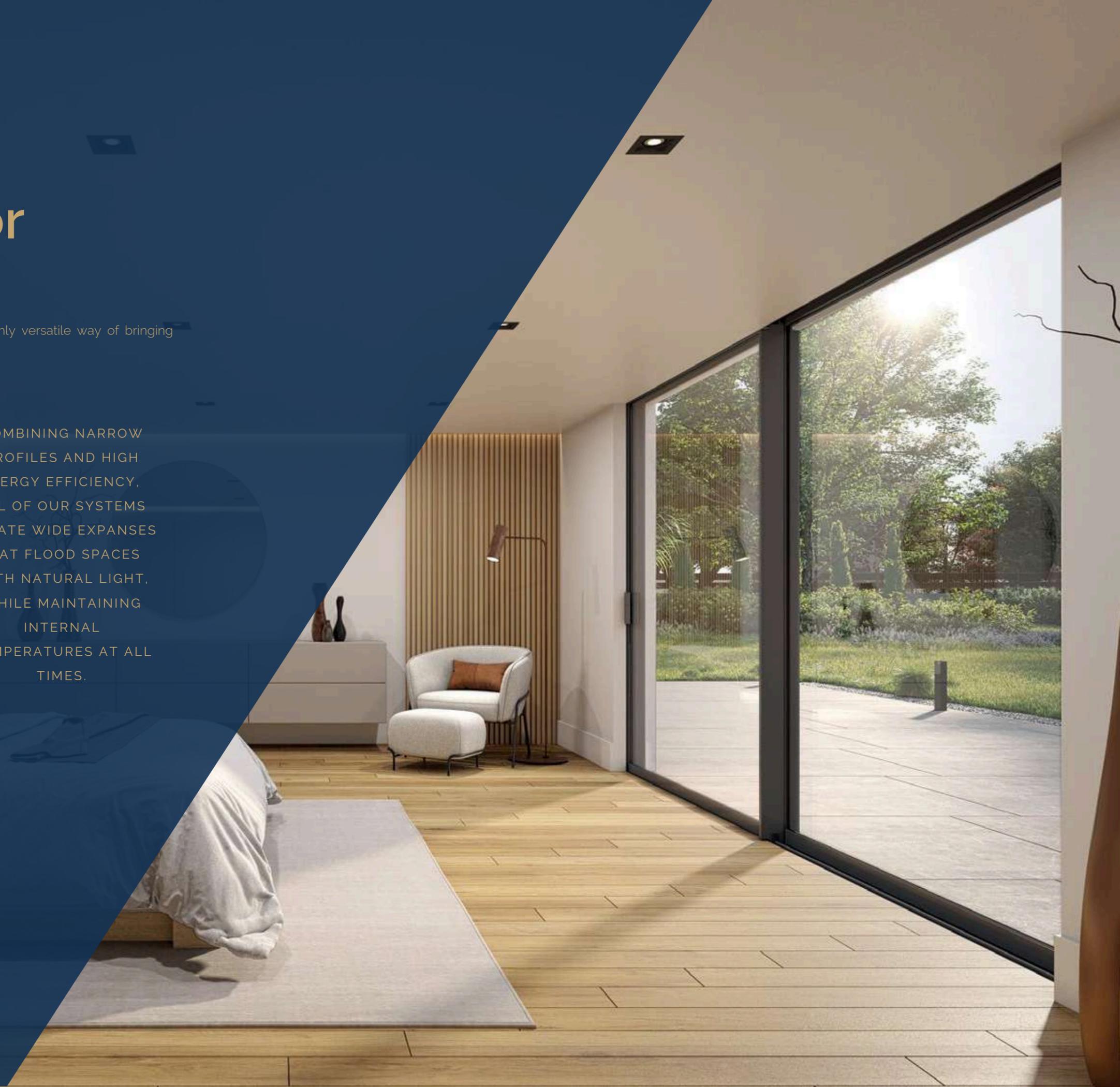
# Sliding Door Systems

Our sliding aluminium door systems provide a highly versatile way of bringing together indoor and outdoor spaces.

This ensures you have the freedom to bring your designs to life without ever compromising performance for style, or aesthetics for efficiency.

As with our other products, security and reliability remains a key driver in every one of our designs. Concealed mechanisms, burglar-resistant locks and class-leading water tightness are just some of the features available that will ensure your designs surpass industry standards.

COMBINING NARROW  
PROFILES AND HIGH  
ENERGY EFFICIENCY,  
ALL OF OUR SYSTEMS  
CREATE WIDE EXPANSES  
THAT FLOOD SPACES  
WITH NATURAL LIGHT,  
WHILE MAINTAINING  
INTERNAL  
TEMPERATURES AT ALL  
TIMES.



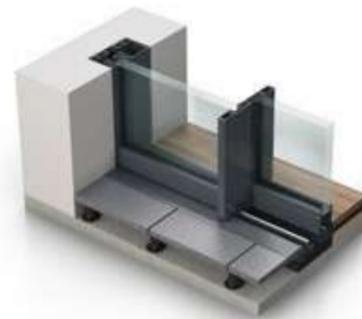
# S146LM NI infineo

## Frameless Sliding Door



Infineo frameless sliding door by AluK provides a wide panoramic view with natural light and maximum comfort.

It offers premium contemporary design marking a super sleek upgrade on standard aluminium sliding doors. Featuring a fully concealed outer frame, ultra-slim 21mm interlock, and market-leading performance, available in both thermally broken and non-thermal sections. Along with an ultra-thin interlock for minimal sightlines, the rollers are seamlessly integrated inside the shutter to avoid the risk of dust accumulation, resulting in longer life and flawless transitions.



### DESIGN FEATURES

- › Inline sliding door
- › Completely hidden outer frame
- › Suitable for larger glazing panels.
- › Sightlines (Interlock) : 21mm | 31mm
- › Maximum load : 350kg | 450kg /sash
- › Flush Threshold

### OPTIONS

- › One or more large opening panels
- › U- gasket for better air & water tightness and easy installations
- › Stainless steel double-wheel rollers are integrated inside the shutter to avoid the risk of dust accumulation, longer life and smooth transitions
- › Glass range with thicknesses of up to 32mm can be accommodated
- › Slim handle with Single point and Multi-point locks

### SPECIFICATIONS

#### PERFORMANCE AND ACCREDITATIONS

Airz Permeability	+600 Pa ASTM
Water Tightness	+450 Pa ASTM
Wind Load	+ - 2000 Pa ASTM
Sliding Cycle Testing	25,000

#### SYSTEM

Depth	146mm
Sightlines (Interlock)	21mm/31mm
Sightlines (Sil)	100.8mm
Sightlines (Outer frame)	0mm/Concealed/ Flat Sil
Double Wheel Roller Assembly	Stainless steel
Position Of Rollers	In the Shutter bottom

#### CONFIGURATIONS

Opening	Inline Sliding
Dual Rail	Yes
Flush Threshold	Yes

#### SIZE AND WEIGHT LIMITS

Sash Height	3000mm
Sash Width	3000mm
Sash Weight – Fixed rollers	350/450kg

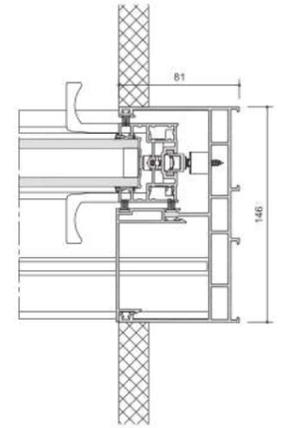
#### GLAZING

Glazing Thickness	upto 32mm
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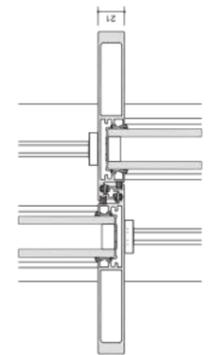
#### SYSTEM FEATURES

Single Colour	Yes
Textured Finish	Yes
Anodised Finish	Yes
Multi-Point Locking	Yes

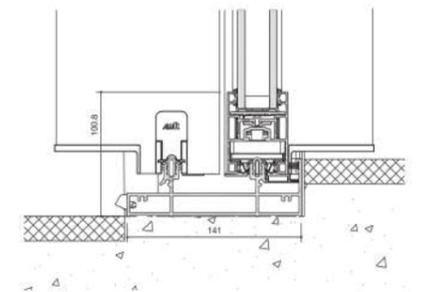
### CAD CROSS-SECTION



LATERAL - NT

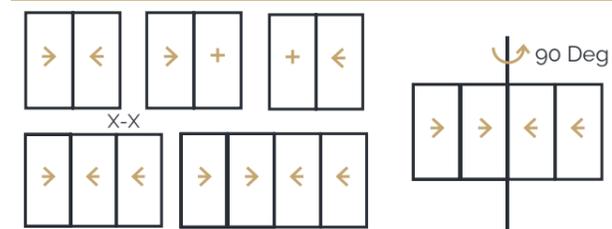


INTERLOCK - NT



SILL DETAIL - NT

### CONFIGURATION



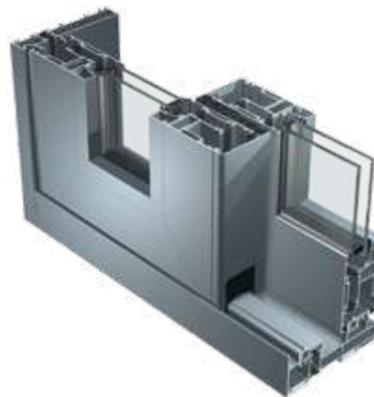
### APPLICATION

- 2 Track 2 Shutter
- 2 Track 4 Shutter
- 3 Track 3 Shutter
- 2 Track 4 Shutter Floating Corner
- 2 Track 2/4 Shutter with Flat Sil



# SC140 Sliding Systems

The SC140 series for sliding doors is suitable for the realization of lift and slide solutions as well as large normal slider. Available in thermally broken or non-thermal, the series is designed for the construction of high-quality frames. The robustness of the chassis allows for the construction of large windows: a typical example may be a glass patio, reaching up to the ceiling. The lift & slide mechanism, designed to facilitate the handling of heavy frames until 400 kg, makes this system very practical and functional. In fact, heavy glass can be installed without having its weight affect the manoeuvrability; it remains fluid and light. This is an ideal lifetime sliding solution for tropical and hot climate applications in high-rise buildings, individual residences and commercial establishments.



## DESIGN FEATURES

- ▶ The retention brushes are in high-density propylene with central water stripping.
- ▶ Die-cast metal roller with reinforced polyamide wheels and ball bearings.
- ▶ Maximum load : 300 kg/sash (up to 400 kg/sash with additional trolley)lift & Slide, 250 kg/sash Slide only.
- ▶ Glass thickness : 10 mm to 40 mm

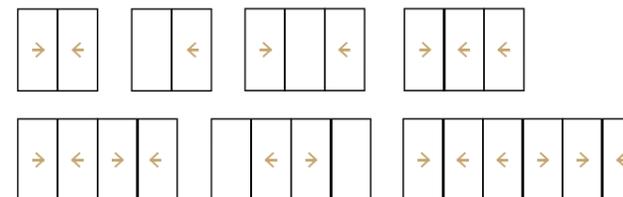
## OPTIONS

- ▶ A wide range of solution is available
- ▶ All finishes are available. Customized finishes on request suited for high resistance to aggressive environments.
- ▶ Windows, balcony-doors
- ▶ 2-3-4-6 sashes movable on two or three tracks
- ▶ Sliding or Lift & Slide
- ▶ Sliding and Fixed Combination
- ▶ Fixed + sliding sash window
- ▶ Motorized (optional)

## SPECIFICATIONS

PERFORMANCE AND ACCREDITATIONS	SC140 TT	SC140 NI
Air Permeability	Class 4	Class 3
Water Tightness	Class 9A	Class 7A
Wind Load	Class 5A	Class AE2400
SYSTEM		
Depth	2 track 140mm & 3 track 213mm	2 track 140mm & 3 track 213mm
Sightlines (Interlock)	104mm	104mm   52mm
CONFIGURATIONS		
Opening	Lift & Slide and Slide only Option	Lift & Slide and Slide only Option
Dual Rail	Yes	Yes
Flush Threshold	Yes	Yes
SIZE AND WEIGHT LIMITS		
Sash Height	3000mm	3000mm
Sash Width	1800mm	1800mm
Sash Weight	300kg - 400kg	300kg - 400kg
GLAZING		
Glazing Options	Internal	Internal
Glazing Thickness	10mm-40mm	10mm-40mm
SYSTEM FEATURES		
Single Colour	Yes	Yes
Dual Colour	Yes	No
Textured Finish	Yes	Yes
Anodised Finish	Yes	Yes
Lock	Cremone & Multi-point locks options possibility	Cremone & Multi-point locks options possibility
Lock with Key	Yes	Yes

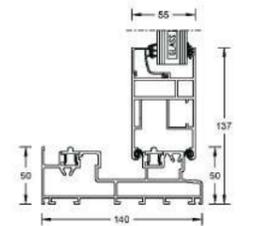
## CONFIGURATION



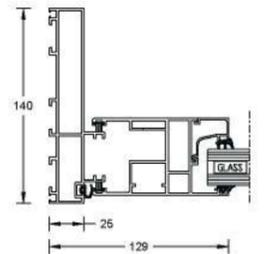
## APPLICATION

- Windows & balcony doors
- 2 Track 2 Shutter
- 2 Track 4 Shutter
- 3 Track 3 Shutter
- 3 Track 6 Shutter
- Sliding and fixed combination
- Lift and slide or slide only

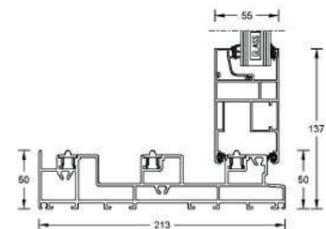
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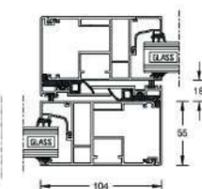
TWO TRACK SILL DETAIL



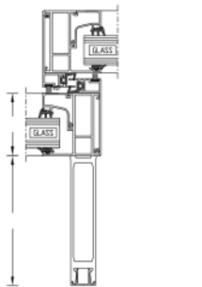
JAMB DETAIL



THREE TRACK SILL DETAIL



INTERLOCK (104 MM)



INTERLOCK OPTIONS (52 MM)



# S115NI Sliding Windows and Door Systems

S115NI range brings improved safety and security with introduction of thicker glass option with accommodation of laminated double-glazing unit. S115NI comes with high acoustic insulation which creates a comfortable indoor environment to elevate the quality of life. S115NI gives additional energy efficiency without compromising on the aesthetics of the product.

## DESIGN FEATURES

- › Suitable for larger glazing panels.
- › Safety glass applications
- › Maximum load : 300 kg/sash
- › Glass thickness: 28mm - 36 mm
- › Integrated Flyscreen option

## OPTIONS

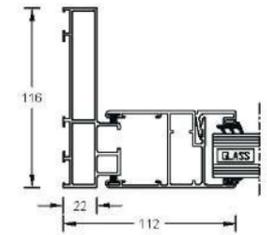
- › Options of 2 track 2 shutter & 2 track 4 shutters with fly mesh options & mid transoms in shutters
- › Internal / External gasket for better Air & water tightness and easy installations
- › Double roller for smooth movement & to carry shutter weight - maximum 300 kg per shutter
- › Glass range with thickness of 28, 30, 32, 34 & 36mm can be accommodated
- › All types of Handles & Locking options like Cremone, Flush type and Single point, Multi-point locks



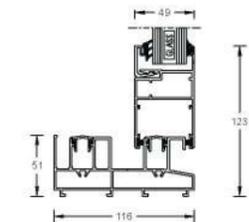
## SPECIFICATIONS

PERFORMANCE AND ACCREDITATIONS Uw-	
Value (Double Glazing)	NA
Air Permeability	Class 3 (600 Pa)
Water Tightness	Class 7A
Wind Load	Class B5
Sliding Cycle Testing	25,000
SYSTEM	
Depth	115mm
Sightlines (Interlock)	163.5mm 84mm
CONFIGURATIONS	
Opening	Sliding - 2 track & 2.5 Track with fly mesh options & mid transoms in shutters
Dual Rail	Yes
SIZE AND WEIGHT LIMITS	
Max Sash Height	3000mm
Max Sash Width	1500mm
Max Sash Weight	300 kg
GLAZING	
Maximum Glazing Thickness	28mm to 36mm
SYSTEM FEATURES	
Single Colour	Yes
Textured Finish	Yes
Anodised Finish	Yes
Lock	Cremone and Flush type and Single point/Multi point locks options possibility
Lock with Key	Yes
Multi-Point Locking	Yes
Flyscreen Option	Integrated

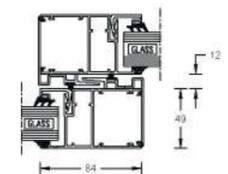
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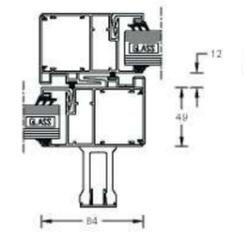
JAMB DETAIL



TWO TRACK SILL DETAIL

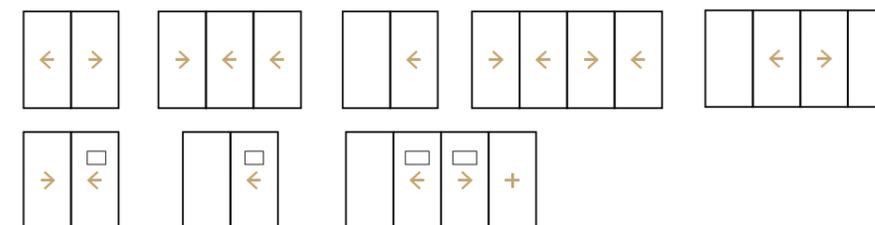


INTERLOCK



INTERLOCK OPTION

## CONFIGURATION



## APPLICATION

- 2 Track 2 Sashes
- 2 Track 4 Sashes
- 2 ½ Track with Flymesh option



# SC95 Sliding Windows and Door Systems



The SC95 sliding window and door system from AluK is a superior, high-performing sliding solution with aesthetics and design appeal. The product comes with sturdy rollers tested for many cycles of operation and a trusted and proven AluK product worldwide for decades. This versatile sliding window solution comes with lot of choices and customized options and is an ideal lifetime sliding solution for tropical and hot climate applications in high-rise buildings, individual residences and commercial establishments.

## DESIGN FEATURES

- › Suitable for larger glazing panels.
- › Safety glass applications
- › Maximum load : 200 kg/sash
- › Glass thickness: 6 mm - 28 mm
- › Integrated Flyscreen option

## OPTIONS

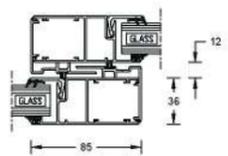
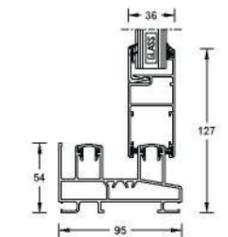
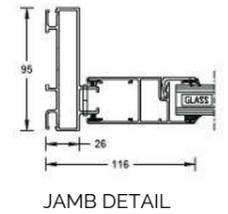
- › A wide range of solutions are available
- › All finishes are available. Customized finishes on request suited for high resistance to aggressive environments.
- › Windows, balcony-doors
- › 1-2-3-4-6 sashes movable on one, two or three tracks
- › Sliding and Fixed Combination



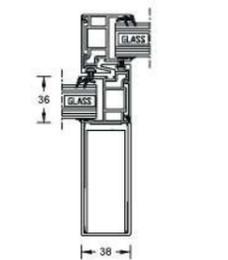
## SPECIFICATIONS

PERFORMANCE AND ACCREDITATIONS	SC95TT	SC95NI
U-value	Uw = 2.3 W/m²K (SC95TT)	NA
Air Permeability	Class 4 (600 Pa)	Class 3 (600 Pa)
Water Tightness	Class 8A	Class 7A
Wind Resistance	Class B2	Class B5
SYSTEM		
Depth	2 track 95mm & 3 track 143mm	2 track 95mm & 3 track 143mm
Sightlines (Interlock)	84mm	84mm, 38mm & 25mm
CONFIGURATIONS		
Opening	Sliding door	Sliding door
Dual Rail	Yes	Yes
Flush Threshold	Yes	Yes
SIZE AND WEIGHT LIMITS		
Max Sash Height	3000mm	3000mm
Max Sash Width	1500mm	1500mm
Max Sash Weight	200kg	160 kg - 200kg
GLAZING		
Glazing Options	Internal	Internal
Glazing Thickness	6mm - 24mm	6, 8, 13.52, 24, 26 & 28mm
SYSTEM FEATURES		
Single Colour	Yes	Yes
Dual Colour	Yes	No
Textured Finish	Yes	Yes
Anodised Finish	Yes	Yes
Lock	Cremone , Flush type and Single point Multi point locks options possibility	Cremone , Flush type and Single point Multi point locks options possibility, Short neck handle
Lock with Key	Yes	Yes
Multi-Point Locking	Yes	Yes
Flyscreen Option	Integrated	Integrated
Handrailing Option	No	Integrated

## CAD CROSS-SECTION



STANDARD INTERLOCK (85 MM)

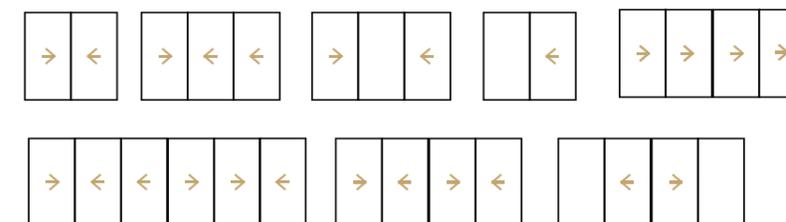


INTERLOCK (38 MM)



INTERLOCK (25 MM)

## CONFIGURATION



## APPLICATION

- 2 Track 2 Shutter 3
- 2 Track 4 Shutter
- 3 Track 3 Shutter
- Track 6 Shutter
- 4 Track 4 Shutter
- Monorail options
- Integrated balustrade
- Floating Corner
- Fixed lights in combination with sliding shutters





# SC45 Sliding Door Systems

SC45 is a sliding system for large dimensions windows. It benefits from the most innovative aesthetics and technical concepts making it a unique solution in its segment: slim outside strong inside. It is high on aesthetics, smart in design and excellent on all performance parameters of a sliding window. Especially designed for applications where quality finishing and safe operation matters the most.



## DESIGN FEATURES

- › Slim design with 33 mm visible width of the interlock
- › For in single & double glazing 4,5,6 & 8 and 24 mm.
- › 45 degree joining in frame and 90 degree joining in sash
- › Adjustable rollers able to carry up to 120kgs per sash
- › Wider track and deeper gutter for water drainage and easy maintenance.

Reinforced profiles for high inertia

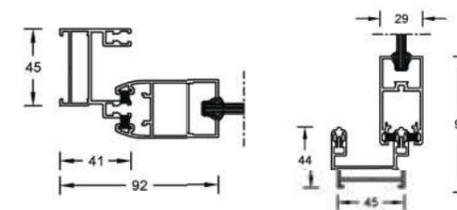
## OPTIONS

- › Built-in mosquito frame option
- › Vertical Shutter frame in 2 design (reinforced or simple)
- › Accessories for lock with innovative design are available
- › From 1 up to 4 multiple point locking points devices
- › 2, 3, 4 or 6 sashes windows and patio-doors

## SPECIFICATIONS

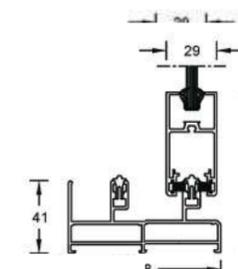
PERFORMANCE AND ACCREDITATIONS	
Air Permeability	Class 3 (600 Pa)
Water Tightness	Class 7A (300 Pa)
Wind Load	Class A4 (1600 Pa)
SYSTEM	
Depth	2track 45mm, 2 track pocket sash 88mm 3 Track 87mm & 3 track pocket sash 130mm, 4 track 130mm
Sightlines (Interlock)	33.3mm
CONFIGURATIONS	
Opening	Sliding Door and Window
Dual Rail	Yes
Flush Threshold	Yes
SIZE AND WEIGHT LIMITS	
Max Sash Height	2400mm
Max Sash Width	1200mm
Max Sash Weight	80kg & 120kg
GLAZING	
Maximum Glazing Thickness	5mm   6mm   8mm   24mm
SYSTEM FEATURES	
Single Colour	Yes
Textured Finish	Yes
Anodised Finish	Yes
Lock	Cremone, Flush type and Single point/ Multi point locks
Lock with Key	Yes
Multi-Point Locking	Yes
Flyscreen option	Integrated

## CAD CROSS-SECTION

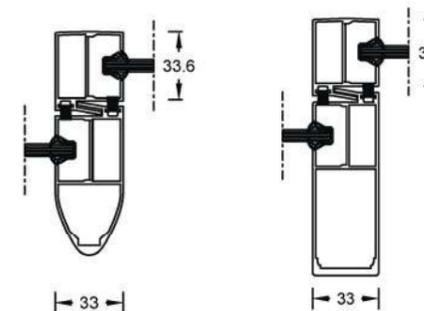


JAMB DETAIL

SILL DETAIL

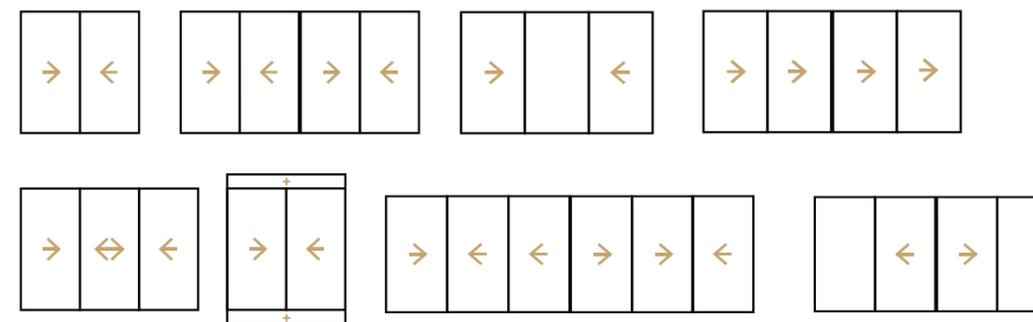


SILL DETAIL WITH POCKET OUTERFRAME



INTERLOCK OPTIONS

## CONFIGURATION



## APPLICATION

2 Track 2 Shutter      2 Track 4 Shutter 3 Track 6 Shutter  
3 Track 3 Shutter      Shutter 2 ½ & 3 ½ Track also available  
4 Track 4 Shutter





# SC40 Efficient and Economic Sliding Solution

The SC40 is a sliding system for residential application with single glazing. The system is a slim, yet solid and durable high quality sliding window system, which guarantees strength and durability in use. Tested for 25000 cycles of operation (equivalent to more than 15 years of regular use), the SC40 provides an envying 80 to 120 Kg of sash weight with single glazed system choice of 4 – 8 mm for mass housing requirement.

The SC40 gives comprehensive performance along with reinforced security and wider vision with great overall aesthetics.



## DESIGN FEATURES

- ▶ Sleek design with 24 mm visible width in the center, yet very strong in 2 or 3 track option.
- ▶ 45 degree joint in frame and 90 degree joining for shutters.
- ▶ Additional option of door bottom kick plate.
- ▶ Central mullion choices in rectangular and aerodynamic shapes
- ▶ Rails in anodized aluminum or stainless steel.
- ▶ Available in single glazing in 4, 5, 6 & 8 mm.
- ▶ Tested for 25000 cycles of operation (equivalent to more than 15 years of regular use)
- ▶ Compatible with 40N casement series

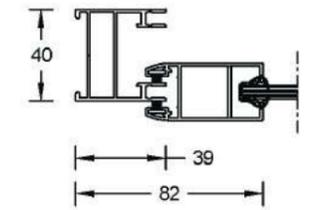
## OPTIONS

- ▶ Tubular frame with simple version, architrave option and built-in mosquito frame option.
- ▶ Option to fix the mosquito frame later with 2 simple profiles.
- ▶ High-quality AluK branded fittings and accessories.
- ▶ Windows, balcony-doors 2-3-4-6 sashes movable on two or three tracks
- ▶ Choice of integrated mosquito screen.
- ▶ Fixed or casement integration options.

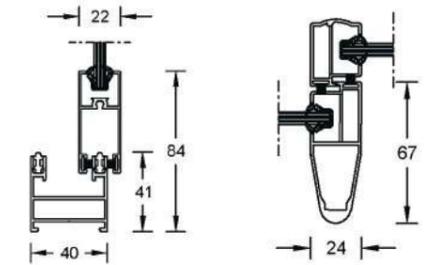
## SPECIFICATIONS

PERFORMANCE AND ACCREDITATIONS	
Air Permeability	Class 3 (600 Pa)
Water Tightness	Class 5A (200 Pa)
Wind Load	Class A4 (1600 Pa)
SYSTEM	
Depth	2 track 40mm & 3 track 72mm
Sightlines	(Interlock)24 mm
CONFIGURATIONS	
Opening	Sliding Door and Window
Dual Rail	Yes
SIZE AND WEIGHT LIMITS	
Max Sash Height	1800mm
Max Sash Width	1000mm
Max Sash Weight	80kg & 120kg
GLAZING	
Maximum Glazing Thickness	5mm/6mm/8mm
SYSTEM FEATURES	
Single Colour	Yes
Textured Finish	Yes
Anodised Finish	Yes
Lock	Flush type and Single point
Flyscreen Option	Integrated

## CAD CROSS-SECTION

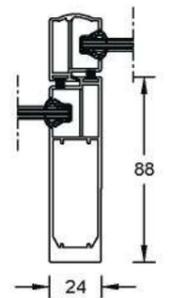


JAMB DETAIL



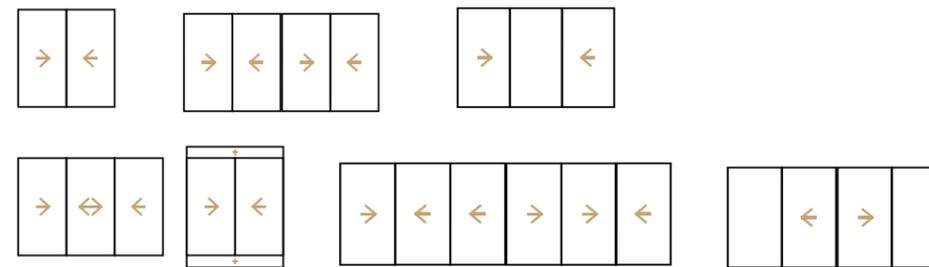
SILL DETAIL

INTERLOC K



INTERLOCK OPTIONS

## CONFIGURATION



## APPLICATION

2 Track 2 Shutter 2  
Track 4 Shutter 3  
Track 6 Shutter

2 Track 3 Shutter  
3 Track 3 Shutter  
2 ½ & 3 ½ Track also available



# Casement Windows & Door Systems

We understand when it comes to designing and specifying glazing solutions that performance, flexibility and security are all key drivers in the decision-making process. All our casement window and door systems are designed with advanced technology to ensure maximum comfort related to acoustic, light transmission and security – making them perfect for any commercial or residential project.

Our ongoing commitment to innovation sees us recognised as a leader in the design and manufacture of aluminium windows across India and beyond.

This ensures when choosing our systems for your project you can be confident they will meet the aesthetic demands of building occupiers, in addition to exceeding building regulations and standards.

As with our range of aluminium casement systems, we don't provide a one-size-fits-all service, but instead work closely with specifiers to provide bespoke solutions designed around specific performance requirements.

All our casement window and door systems include high-quality multi-point locking mechanisms alongside other key security features.

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CONSTRUCTION.

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# C87K-CSNI Minimal Openout Casement Window System

From Infi neo range of minimalistic window system, C87K-CSNI features 65 mm aluminium sightlines in all verticals. These minimal windows offer the flexibility to support both single and double hidden sash configurations. This allows for large glass panels that maximize natural light and views, complementing minimalist architecture. The window frame can be completely concealed from inside.

Built for durability and weather resistance, these system guarantees long-term performance with minimal upkeep. The concealed sash system, hidden within the frame when closed, delivers a sleek, uninterrupted surface, ideal for those seeking modern aesthetics.



## DESIGN FEATURES

- › Hidden Openable Sash available in AluK groove
- › Excellent sealing performance
- › Exceptional AWW ratings
- › Lateral handle flushed with sash vertical
- › Vent load upto 150 kg

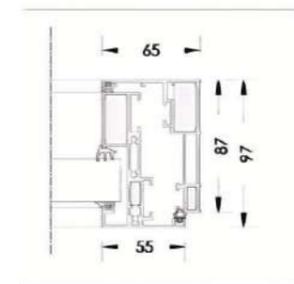
## OPTIONS

- › Single or double sash open out
- › Frame can be completely concealed from inside
- › Wide choice of colors and finishes
- › Perfect integration into curtain wall systems

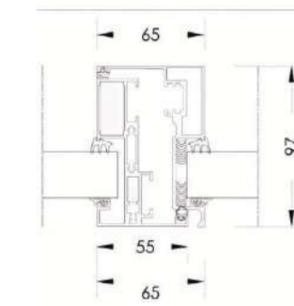
## SPECIFICATIONS

PERFORMANCE AND ACCREDITATIONS	
Air Permeability	600 Pa ASTM
Water Tightness Staic	750 Pa ASTM
Water Tightness Dynamic	720 Pa AAMA
Design Wind Load Resistance	3000 Pa ASTM
Proof Load Resistance	4500 Pa ASTM
SYSTEM	
Frame Depth	87mm
CONFIGURATIONS	
Opening	Casement window open outside
SIZE AND WEIGHT LIMITS	
Sash Height	1800mm
Sash Width	850mm
Sash Weight	150 kg
GLAZING	
Glazing Thickness	26mm - 32mm
Glass Fixing	without glazing bead
SYSTEM FEATURES	
Single Colour	Yes
Textured Finish	Yes
Anodised Finish	Yes
Lock	Cremone, Multi-point lock

## CAD CROSS-SECTION

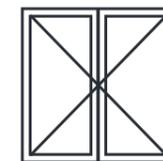


OPEN OUT



SLEEVE SECTION

## CONFIGURATION



Double Leaf



LH Side Hung



RH Side Hung

## APPLICATION

Fixed window Side hung window with single sash and double sash Casement door single sash and double sash Outward opening





# 45DS casement window and Door System

The 45DS is a 45 mm, door system that offers an optimized design, yet an affordable solution for all construction types requiring good weather performances.

Its simple appearance and clean lines suit the modern environment design requirements. Its wide choice of applications and technical solutions makes it ideal for all types of residential and commercial establishments. The 45 DS casement is the ideal system for exterior joinery in tropical and hot climates.



## DESIGN FEATURES

- › Double overlap
- › Frame/sash depth: 45 mm
- › Squared or rounded glass bead

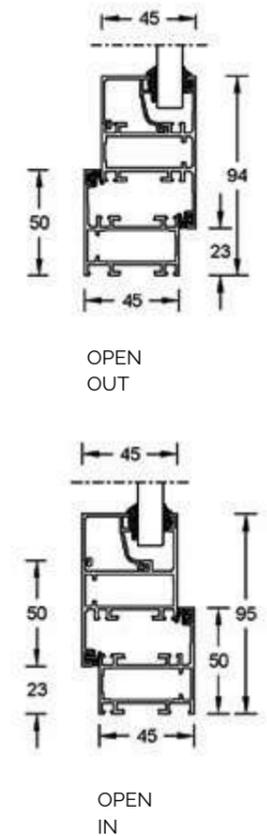
## OPTIONS

- › All finishes available
- › Casement, turn and tilt
- › Inward and outward opening

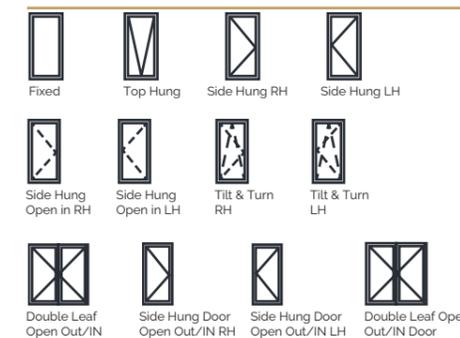
## SPECIFICATIONS

PERFORMANCE AND ACCREDITATIONS		
Uw-Value (Double Glazing)	Air Permeability	NA
Water Tightness		Class 4 Class
Wind Load		E900 Class
		BE2800
SYSTEM		
Depth		45mm
CONFIGURATIONS		
Opening		Casement window and door
SIZE AND WEIGHT LIMITS		
Sash Height		Window -1800mm, Door -3000mm
Sash Width		Window -850mm, Door -915mm
Sash Weight		80kg
GLAZING		
Glazing Thickness		5mm - 30mm
SYSTEM FEATURES		
Single Colour		Yes
Textured Finish		Yes
Anodised Finish		Yes
Lock		Cremona, Multi-point locks, detachable handle option in casement window
Lock with Key		Yes
Multi-Point Locking		Yes
Flyscreen Option		Integrated (Double window - Open In with mesh/Open out with glass shutter)

## CAD CROSS-SECTION



## CONFIGURATION



## APPLICATION

- Fixed Window
- Top Hung
- Side Hung Window single sash & double sash
- Casement Door Single sash & Double sash
- Tilt & Turn
- Open In – Open Out
- Integrated with fixed lights and SC45 Slider
- Variable angle window
- Integrated (Double window - Open In with mesh, Open out with glass shutter)



# 40N Casement Window System

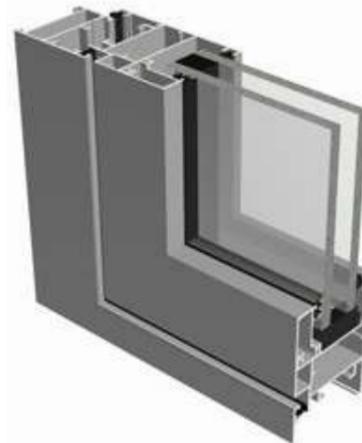
AluK 40N is an outward-opening casement window solution with a range of high-performance product options for single and double glazing of 5 to 36 mm, allowing this system to stand out for its affordability, aesthetics, functionality and performance. Constructed on a 40 mm module, the 40N casement series is available in complete flush or overlap look from inside and comes in both with or without glazing bead option. The system can be easily integrated with AluK SC40 Sliders, and is suitable for both residential and commercial buildings.

## DESIGN FEATURES

- › Double overlap | Flash Version
- › Frame / sash depth: 40mm
- › Squared or rounded glass bead

## OPTIONS

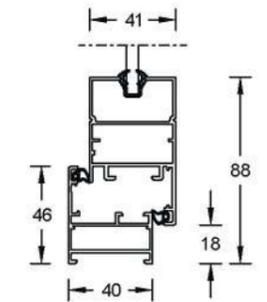
- › All finishes available
- › Top hung, Casement, and fixed combination
- › Only outward opening



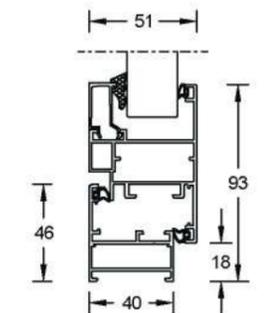
## SPECIFICATIONS

PERFORMANCE AND ACCREDITATIONS	
Air Permeability	Class 4 (600 Pa)
Water Tightness	Class 9A (600 Pa)
Wind Load	Class C4 (1600 Pa)
SYSTEM	
Depth	40mm
CONFIGURATIONS	
Opening	Casement window only open outside
SIZE AND WEIGHT LIMITS	
Max Sash Height	1600mm
Max Sash Width	700mm
Max Sash Weight	32kgs
GLAZING	
Maximum Glazing Thickness	5mm - 26mm
Glass Fixing	with & without glazing bead
SYSTEM FEATURES	
Single Colour	Yes
Textured Finish	Yes
Anodised Finish	Yes
Lock	Multipoint, Single point for top hung only available
Multi-Point Locking	Yes

## CAD CROSS-SECTION

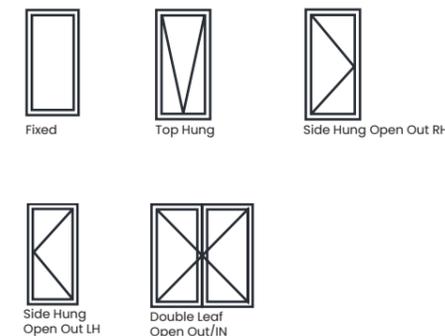


WITHOUT GLAZING BEAD



WITH GLAZING BEAD

## CONFIGURATION



## APPLICATION

- Rectangular and round glazing bead choices
- Single glazed solution with pocket sash
- Single and double glazed solutions with glazing bead
- 40N casement windows available in flush and double overlap option.
  - Single / double sash windows
- Outward opening



# Folding Door Systems

We have developed a series of strong, lightweight, thermally broken and non thermal folding door systems that enable the opening of large expanses and consequently brings together indoor and outdoor living spaces. This allows specifiers to design spaces that truly engage with their surroundings.

We believe aesthetics should never compromise performance, which is why all our folding door systems have been designed to create living and working environments that are comfortable and efficient in equal measure.

As with all AluK products, security and reliability remains a key driver in our folding door systems. All have been rigorously tried and tested to exceed industry standards in terms of weather and water tightness, and are certified.

---

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# BSF70 Folding Doors

The BSF70 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 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
- Unique, flush line pop-out handle that allows maximum door opening and square stacking of panels
- Tested to PAS 24 and certified under the Secured By Design scheme

## OPTIONS

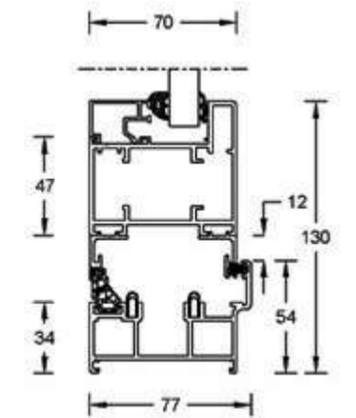
- Heavy-duty roller options
- Chamfered and square bead options
- Low threshold option that can be configured to achieve DDA and Part M compliance
- Doors and panels can be used in a variety of configurations, style and design
- All configurations are available in both open-in and open-out options
- Full range of bespoke hardware available
- Glazing sizing range of 13,52mm-40mm
- Available in single or dual colour polyester powder coating, texture and anodised finishes



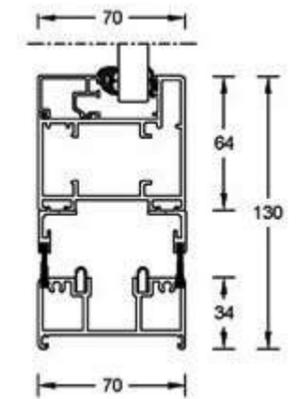
## SPECIFICATIONS

PERFORMANCE AND ACCREDITATIONS	BSF70NI
Air Permeability (Standard Threshold)	Class 2
Water Tightness (Standard Threshold)	Class 4A
Wind Resistance	Class E1200
SYSTEM	
Depth	70mm
Center Profile	140mm
CONFIGURATIONS	
Opening	Open-In & Open-out
Flush Threshold	Yes
SIZE AND WEIGHT LIMITS	
Leaf Height	3000mm
Leaf Width	1000mm
Vent Weight	130kg
GLAZING	
Glazing Thickness	13.52mm -40mm
SYSTEM FEATURES	
Single Colour	Yes
Textured Finish	Yes
Anodised Finish	Yes
Multi-Point Locking	Yes
Lock	Cremone, Multipoint

## CAD CROSS-SECTION

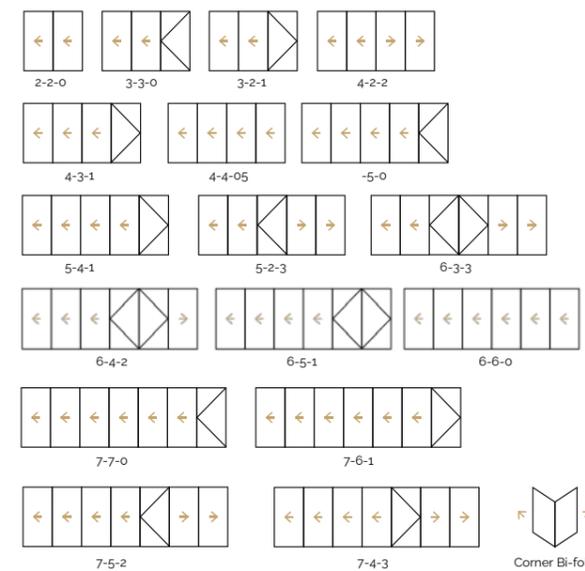


STANDARD



EASY ACCESS

## CONFIGURATION



# 45V Folding Doors



The AluK 45V folding door system provides an elegant and innovative application choice for balcony doors, eliminating the separation between the internal and external environment, and offering a wide opening. The 45V folding door/window system is perfectly suitable for all types of construction. It gives the possibilities to protect and allows all commercial, public and domestic premises to offer large openings, where light and openness can literally change everything!

## DESIGN FEATURES

- › System adapted for large dimensions up to 2400 mm high and 750 mm wide per sash
- › In the folded position, the folding door offers a minimum passage of up to 95% of total opening width.
- › Glass infill from 4 to 24 mm. Single or double glazing.
- › Max weight: Up to 70 kg per sash.
- › High level of performance (weather tightness) and finger protection obtained by the double gasket barrier (central and peripheral)
- › Smooth operation, design and ergonomics facilitate the opening and closing of the panels.
- › Opening frames are guided by a roller rail at the top. Bottom rail can be embedded

## OPTIONS

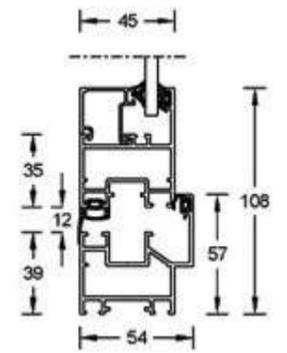
- › Option of integrating with AluK 45P louver system for amazing folding combination with solar control.
- › Several possible combinations of elements and opening sashes.
- › Open in Low threshold (for disabled people), Hanging truck (top side)
- › Even and odd sashes



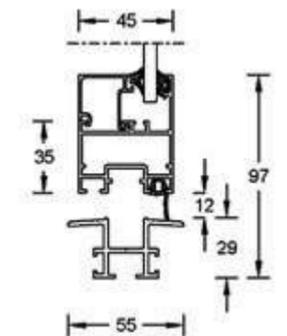
## SPECIFICATIONS

PERFORMANCE AND ACCREDITATIONS		45V
Air Permeability (Standard Threshold)		Class 2
Water Tightness (Standard Threshold)		Class 4A
Wind Resistance		Class B
SYSTEM		
Depth		45mm
Center Profile		124mm
CONFIGURATIONS		
Opening Flush		Open-In
Threshold		Yes
Size and weight limits		
Leaf Height		2400mm
Leaf Width		750mm
Vent Weight		70kg
GLAZING		
Glazing Thickness		6mm - 24mm
SYSTEM FEATURES		
Single Colour		Yes
Textured Finish		Yes
Anodised Finish		Yes
Multi-Point Locking		Yes

## CAD CROSS-SECTION

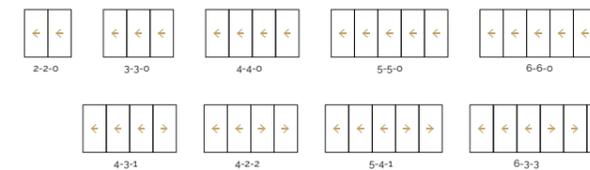


STANDARD



EASY ACCESS

## CONFIGURATION



# OUR PROJECTS



**Themis Villa**  
Groot Bijgaarden, Belgium. *Residential*



**Bulgari Hotel & Resorts**  
Jumeira Bay Island, Dubai, U.A.E. *Hospitality*



**B-Towers**  
Rotterdam, The Netherlands. *Residential*



**The Highest Glory**  
Kunming, China. *Residential*



**International Airport**  
Bangalore, India. *Commercial*



**Makers Maxity**  
Mumbai, India. *Commercial*



**ITC Gardenia**  
Bangalore, India. *Hospitality*



**Nirlon Knowledge park**  
Mumbai, India. *Commercial*



**Synergy**  
Mumbai, India. *Commercial*



**Clear Point**  
Colombo, Sri Lanka. *Residential*



**Dell**  
Bangalore, India. *Commercial*



**Luxury Villa**  
Delhi NCR, India. *Residential*



**Taj Fateh Palace**  
Udaipur, India. *Hospitality*



**Luxury Villa**  
Gurugram, India. *Residential*



**Luxury Bungalow**  
Coimbatore, India. *Residential*

