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WINDSHIELD

Alu Glaze LLP

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WINDOWS WAGL DOORS SLIDING SYSTEM

We **WINDSHIELD ALU GLAZE LLP** take this opportunity to introduce ourselves as the Substantial Aluminium windows and doors manufacture, Glass Facade, Aluminium Composite Panel, Stone Cladding and Building Elevation work manufacturer and service provider in Gujarat.



ABOUT US

Established in the year 1992 by our director **Mr. Vatsal Bhavik Shah**, **WAGL** is now one of Gujarat's leading company providing manufacturing to service of Aluminium windows, doors and Glass Facades.

Our strong presence from manufacturing to service has made WAGL not only established its firm position in the market but also let it focus on quality and service to its clients.

WAGL offers a full range of fabrication design and architectural services which include planning, designing, project management, decorating services, deriving project costs, supervising, quality control, budget monitoring and coordination of the entire project. All in house managed by skilled and efficient workforce.

Our years of experience in Aluminium Windows and Doors, Aluminium Composite Panels (ACP), Facade work repertoire includes large corporate offices, banks, airline offices, hotels, recreational facilities like restaurants, cafes and clubs, showrooms, call centres, large residential spaces including farm houses and landscaped areas, schools, auditoriums etc.

Our Products



Sliding Door
Systems



Folding Door
Systems



Casement Windows
& Door Systems



Curtain Walling
Systems

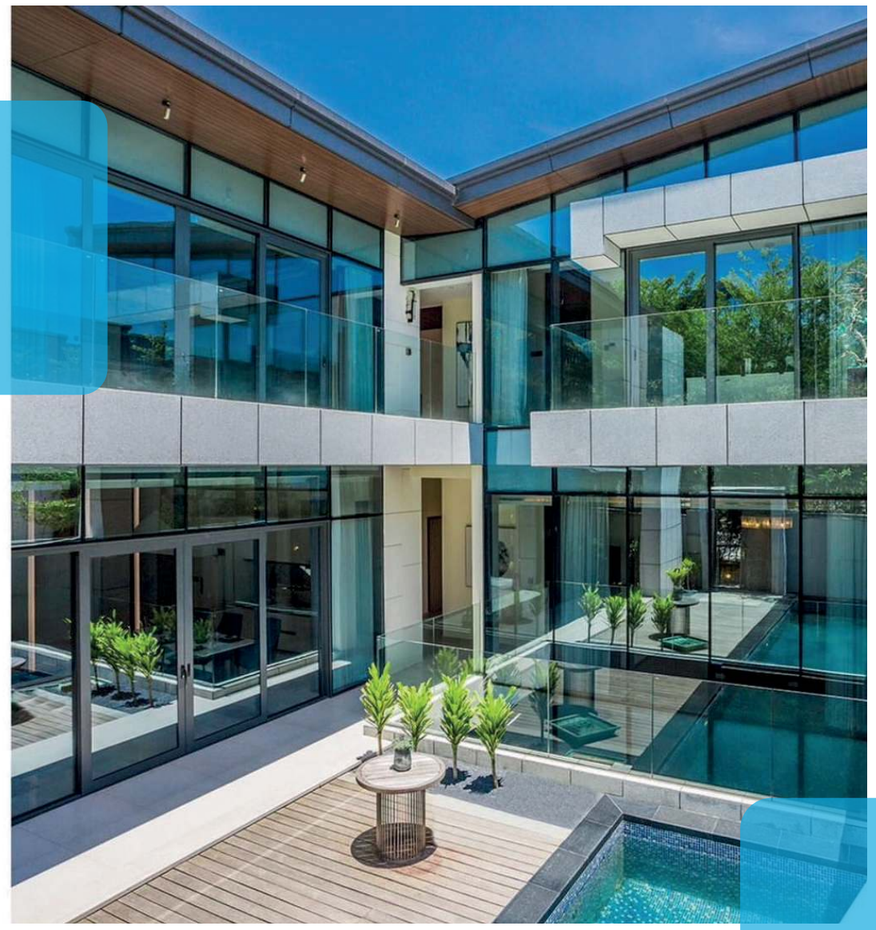


ALUMINIUM LOUVERS
Systems

Villa Projects









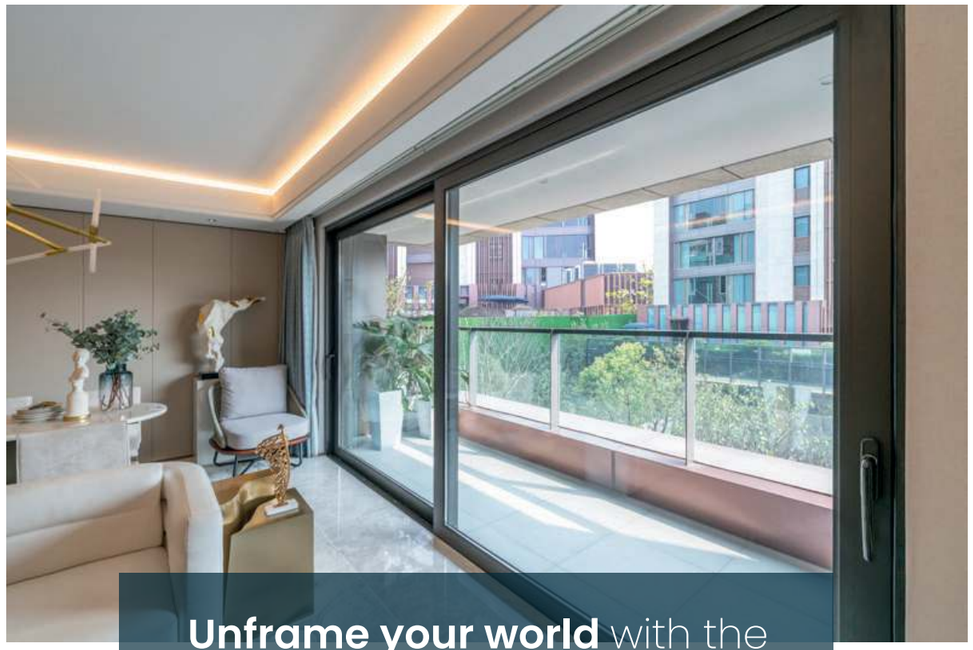
Sliding Door Systems

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

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.

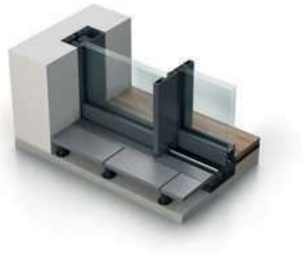
This ensures you have the freedom to bring your designs to life without ever compromising performance for style, or aesthetics for efficiency.

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.



Unframe your world with the frameless infineo 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.



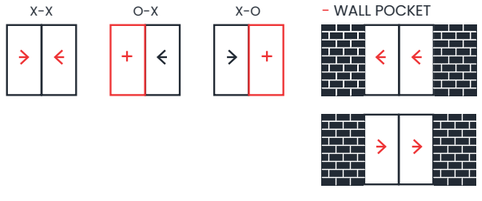
DESIGN FEATURES

- 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

CONFIGURATION



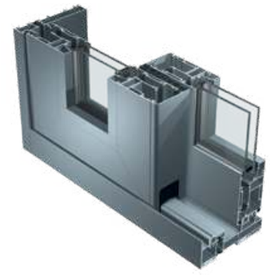
APPLICATION

2 Track 2 Shutter



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.



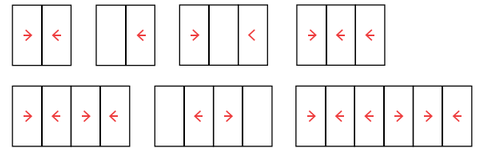
DESIGN FEATURES

- 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)

CONFIGURATION



APPLICATION

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



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.



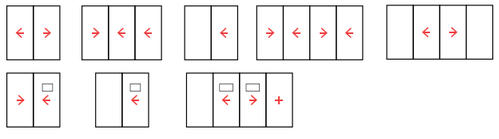
DESIGN FEATURES

- 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

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.



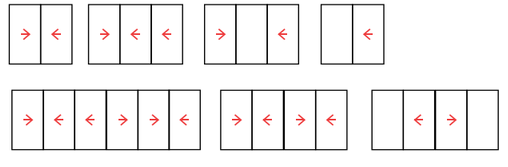
DESIGN FEATURES

- 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

CONFIGURATION



APPLICATION

2 Track 2 Sashes
2 Track 3 Sashes
3 Track 4 Sashes
3 Track 6 Sashes
Monorail options
Integrated balustrade
Fixed lights in combination with sliding sashes



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.

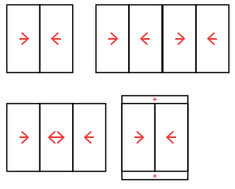
DESIGN FEATURES

- 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

CONFIGURATION



APPLICATION

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

2 Track 3 Shutter
3 Track 3 Shutter
4 Track



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.

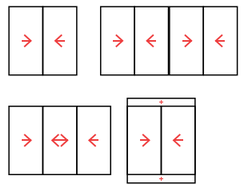
DESIGN FEATURES

- 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.

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.

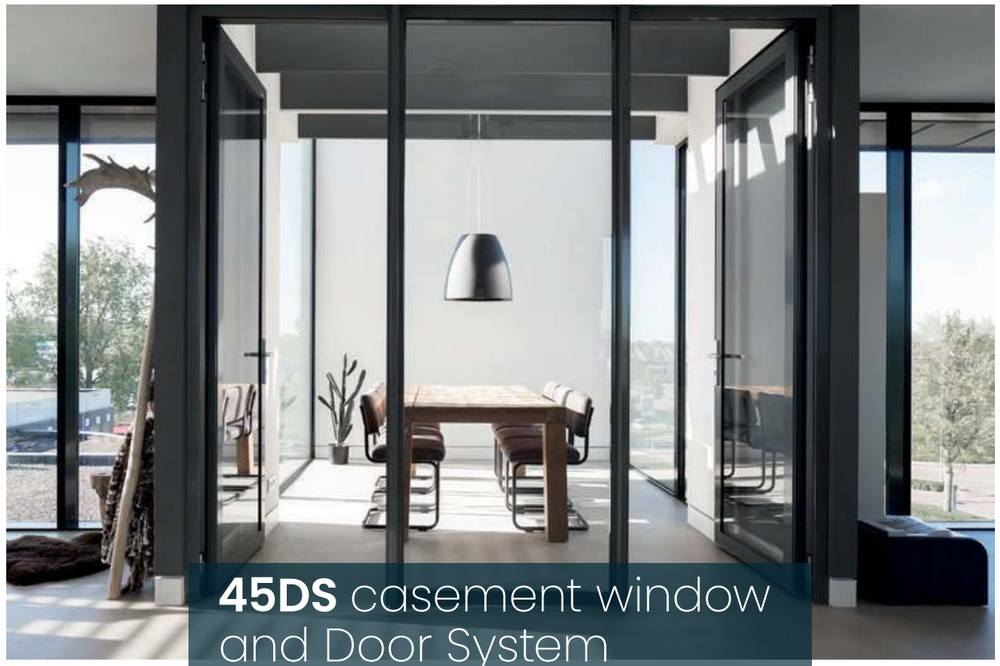
Our ongoing commitment to innovation sees us recognised as a leader in the design and manufacture of aluminium windows across India and beyond.

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.

OUR WINDOWS ARE AMONG THE MOST ADVANCED ON THE MARKET AND PROVIDE EXCEPTIONAL PERFORMANCE, AS DEMANDED BY ALL MODERN BUILDING CONSTRUCTION.



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.



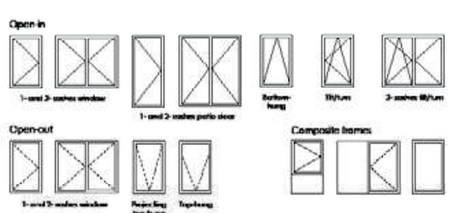
DESIGN FEATURES

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

OPTIONS

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

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.



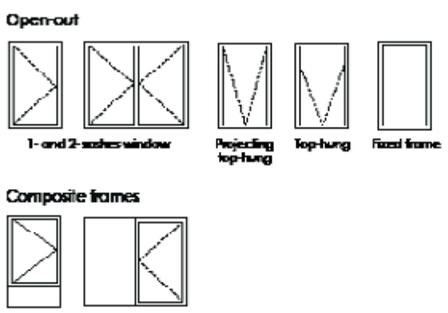
DESIGN FEATURES

- 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

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.

OUR WINDOWS ARE AMONG THE MOST ADVANCED ON THE MARKET AND PROVIDE EXCEPTIONAL PERFORMANCE, AS DEMANDED BY ALL MODERN BUILDING CONSTRUCTION.



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.



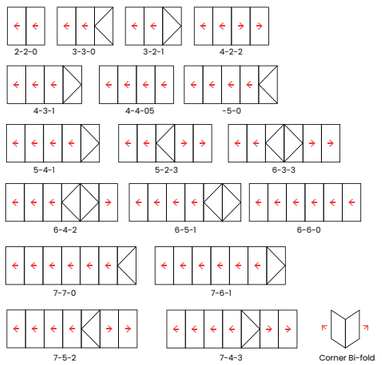
DESIGN FEATURES

- 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

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!



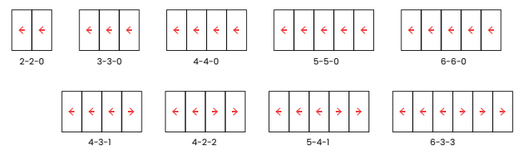
DESIGN FEATURES

- 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 ergonomy 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

CONFIGURATION



Curtain Walling Systems

At AluK we understand the integral role curtain wall plays in façade design, from absorbing building sway and resisting wind to dictating thermal efficiency and controlling light. It's why our systems have been specified and installed in many of the world's most prestigious buildings.

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.

We offer a variety of construction systems, from unitised to stick build, to create large single span atriums with impressive uninterrupted glazing. Our systems come in different finishes and colors for design flexibility. Our technical experts provide comprehensive wind calculations, thermal data, and safety information to bring your building design to life efficiently and impactfully.

OUR WINDOWS ARE AMONG THE MOST ADVANCED ON THE MARKET AND PROVIDE EXCEPTIONAL PERFORMANCE, AS DEMANDED BY ALL MODERN BUILDING CONSTRUCTION.





SG50 Curtain Walling System

The SG50 Curtain Walling System is a structurally glazed solution designed to offer high performance. Our aluminium curtain walls enable specifiers to create impressive façades that not only enhance the aesthetics of a building but also provide the functionality and performance required to meet and exceed current standards.



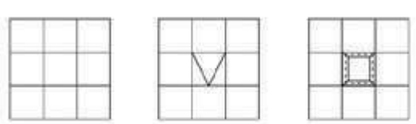
DESIGN FEATURES

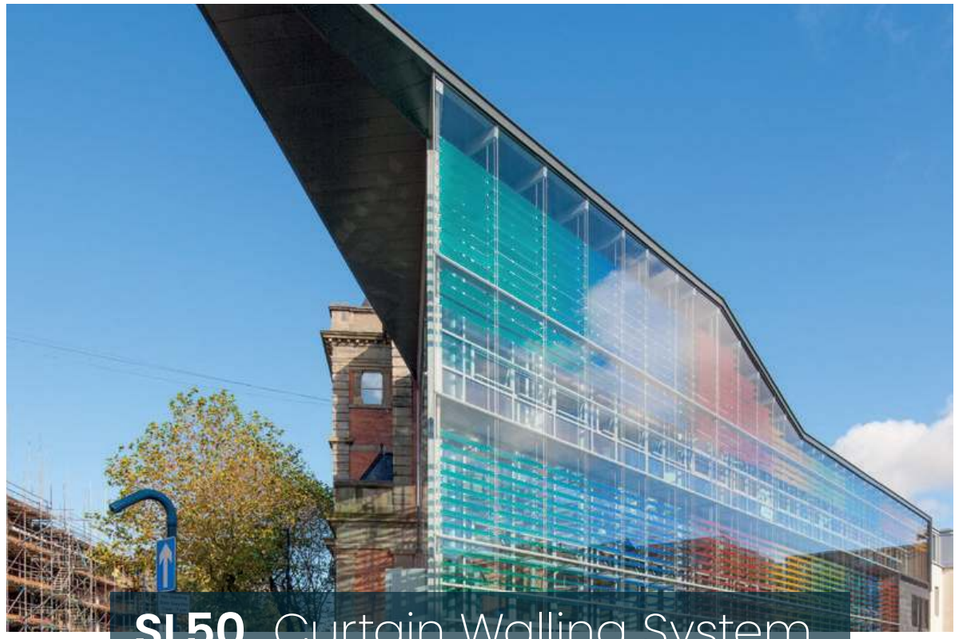
- Uses same grid of mullions and transoms as the SL50
- Curtain walls with structurally bonded opening elements with “structural” (all-glass) aesthetics.
- Can be used in a full structurally glazed solution or combined with an expressed outer cover in either vertical or horizontal planes.
- 21 mm visible gap between panels
- Glass installation is achieved by a stainless steel toggle which is fixed on the structure and guarantees mechanical retains

OPTIONS

- Peripherical and finishing profiles
- All surface finishes available. Customized finishes upon request.

CONFIGURATION





SL50 Curtain Walling System

The SL50 system, with mullions and transoms with a width of 50 mm is designed to create vertical, inclined and polygonal curtain walls and winter-gardens. The series includes a full range of profiles to suit any type of static requirement, wind load, and is a traditional system comprising mullion, transom, pressure plate and cover cap with different designs. The system allows insertion of projecting windows both with structural glazing and with mechanical retention of the glass infill, and additional opening elements from the AluK range.



DESIGN FEATURES

- Mullions and transoms with external mechanical retain pressure-plate and cover-plate
- For vertical, inclined and polygonal curtain walls and winter-gardens
- Traditional system of mullion, transom, pressure plate and cover cap of varying designs
- Frontal dimension of 50 mm
- Heavy panes up to 690kg
- Insertion of projecting windows both with structural glazing and with mechanical retention

OPTIONS

- Integration with sub-structures (wood, steel)
- Fully integrates with all AluK window and door ranges
- Available in single or dual colour option, polyester powder coating and anodised finishes

CONFIGURATION



ALUMINIUM LOUVERS
Systems

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

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.

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.

LOCAL EXPERTISE & TECHINAL SUPPORT

WAGL combine local knowledge with high quality technical support to help you achieve your aims. Managed by team of engineers and experts, we ensure our aluminium building systems comply with country regulations, adopting our products.

Our experienced and knowledgeable teams are available to offer expert advice across a range of subjects including design, performance, fabrication, installation and maintenance, supporting you at every step of the process.
Aluminium is one of the most sustainable construction products with up to **90% coming from recycled sources** without any deterioration in quality.

PRODUCTION FACILITIES AVAILABLE

- Aluminium Double Head Cutting Machine
- Aluminium Single Head Cutting Machine
- Aluminium Copy Router Machine – 2 Pcs
- Automatic Copy Router Machine
- Aluminium Punching Machine – 10 Pcs
- Aluminium Crimping Machine
- Auto Screw Fixing Machine
- Scare folding material for fixing Glass



OUR CLIENTS

BMW

SAVVY

MAXXIS®

Sabarmati Gas Ltd.
(A Joint Venture of GSPC and BPCL)

TEXSPIN®
Bearings and Automotive Systems

cube
FROM BLUEPRINT TO REALITY

ARIHANT

NEXA

SIDDHRAJ
INFRA PVT LTD.

DRA

parle Elizabeth
Designed to imPress Built to comPress

RUSHIL
DECOR LIMITED

KENSVILLE
GOLF LIVING

SAROVAR
DEVELOPERS PVT.LTD.

navratna
CORPORATE PARK

V. S. HOSPITAL INSTITUTE OF CARDIOLOGY & RESEARCH CENTRE
AHMEDABAD

Azadi Ka Amrit Mahotsav

RENAULT

Citizen

Kiran Motors Limited.
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A NEW ERA

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