

ALUK PRODUCTS

Aluminium Windows, Doors & Facades

FROM EUROPE SINCE 1949

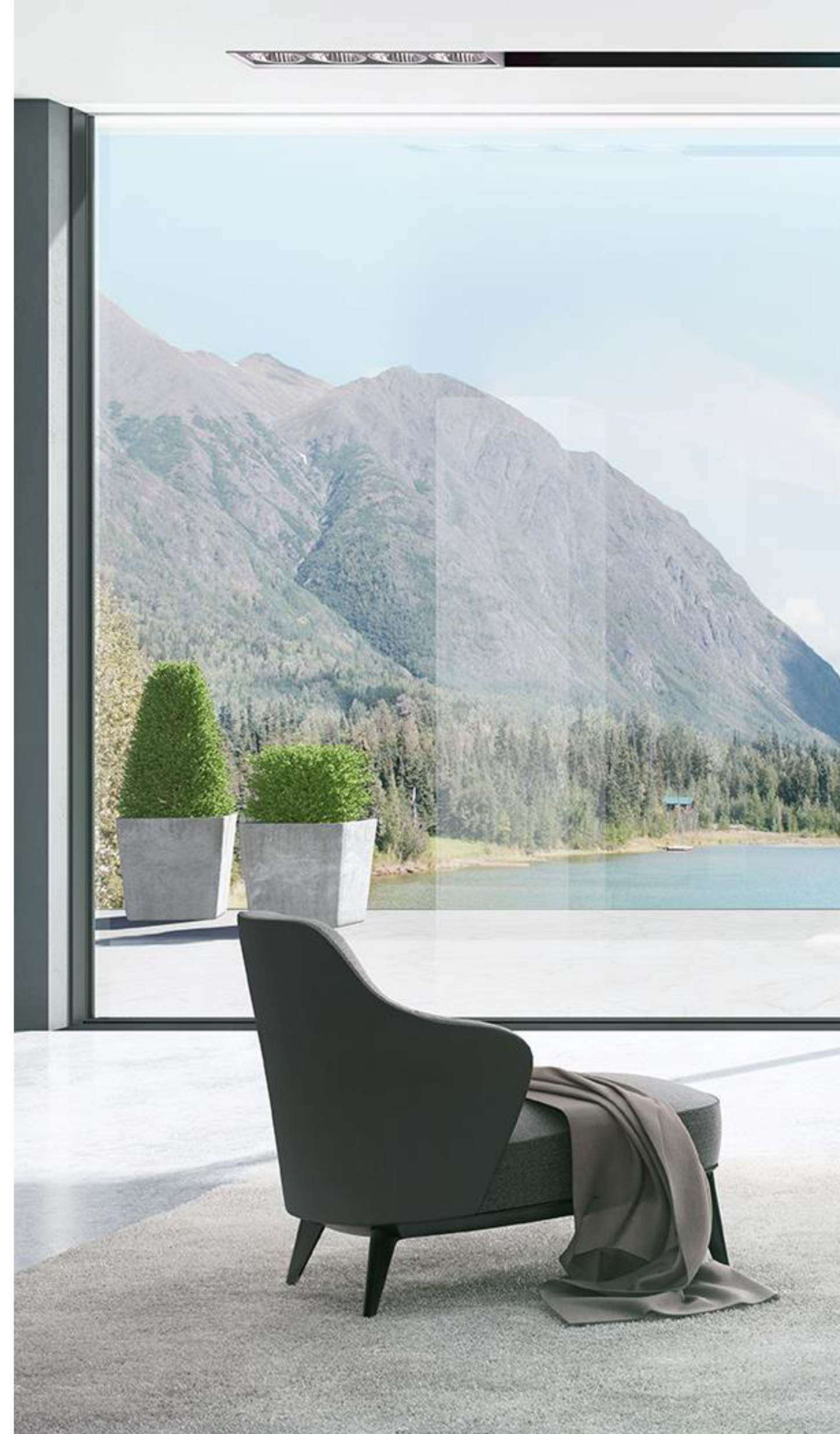
The AluK group is a global leader in the design, engineering, and distribution of aluminium systems for windows, doors, and façades.

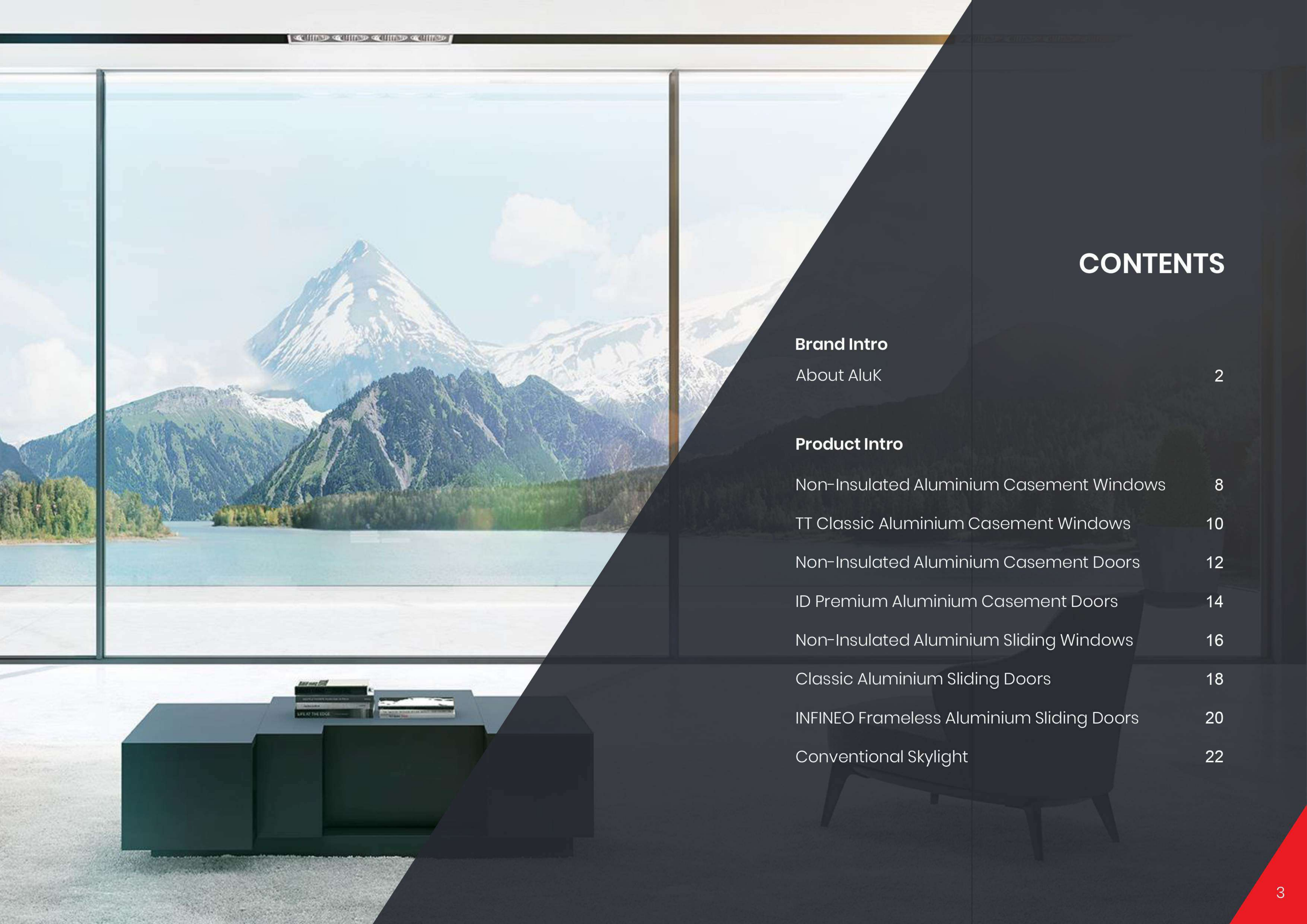
Founded over 76 years ago, AluK runs operations in thirteen countries and regions around the world, from America to Asia. With over 2,000 clients in more than 80 countries and territories across the globe, our systems have been specified for many of the world's most advanced and prestigious buildings.

As a family-owned and family-run business, AluK aspires to achieve sustainable growth through product innovation, technical expertise, and exceptional service.

AluK entered the Southeast Asian market in 1999 with its first project Hanoi International Airport. A dedicated regional branch was subsequently established in Singapore to oversee operations across all Southeast Asian countries.

Our success has helped us become one of the top international brands in the aluminium systems market. From diligent research and development to in-depth technical support, AluK draws on local knowledge to provide quality solutions and personal solutions around the world. We are dedicated to providing strong, local technical support and training for fabricators, as well as tailored project solutions for developers and architects.

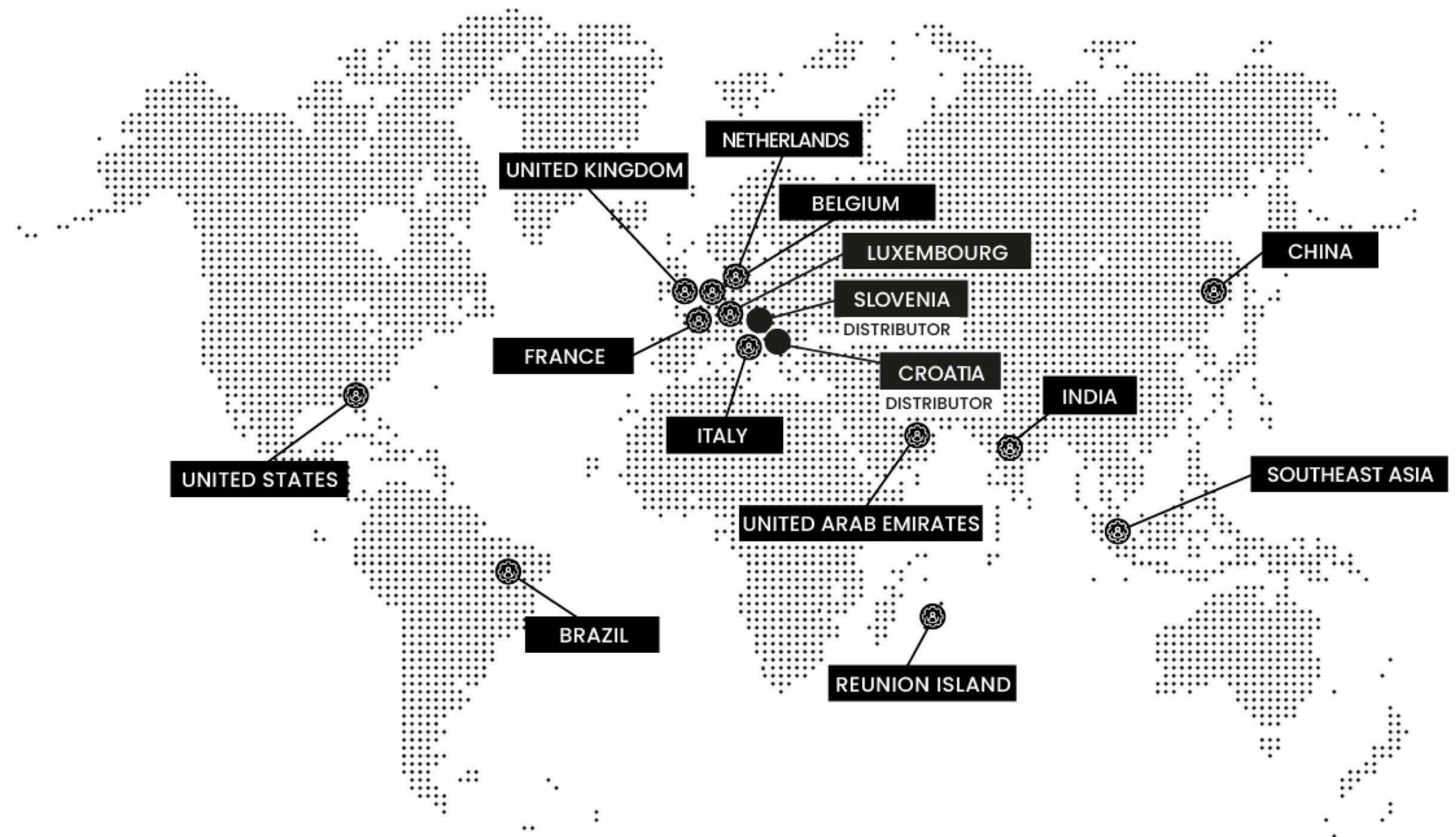




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GLOBAL STRENGTH LOCAL KNOWLEDGE



Luxembourg
Headquarters



+800
Collaborators in 13 countries



+2000
Customers worldwide



x 1

extrusion site



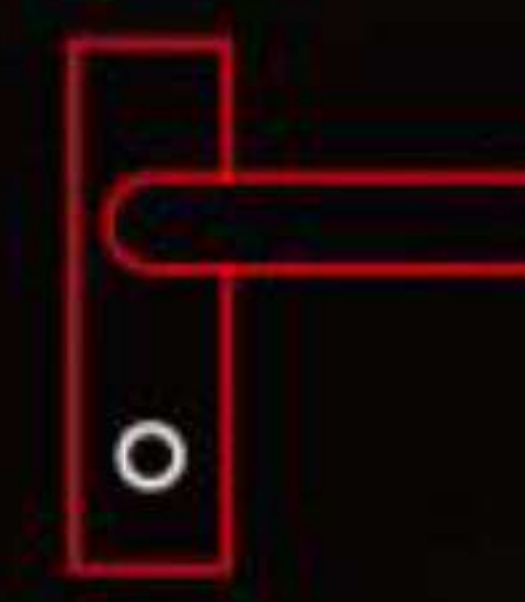
x 8

manufacturing sites for profiles



x 5

powder coating lines



x 2

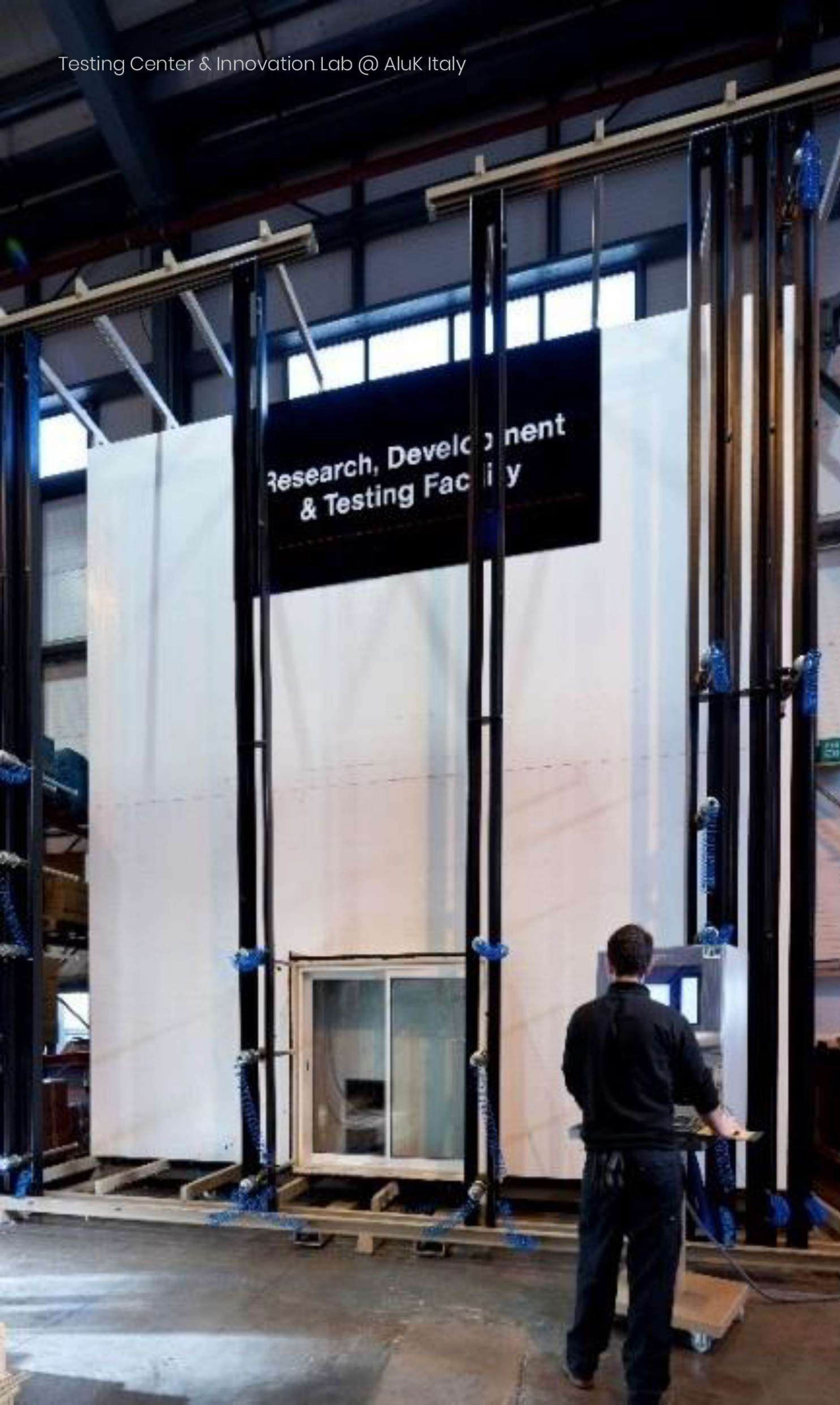
manufacturing plants for accessories



x 15

warehouses





ALUMINIUM BUILDING SYSTEMS FOR ANY PROJECT

For every project on which we work, AluK provides aluminium building systems that combine aesthetic appeal with exceptional performance.

Exceptional Design

For over 76 years, our mission has remained unchanged: to create innovative, high-performance, and sustainable solutions that meet the strictest industry standards while incorporating contemporary and aesthetic designs. With research and design teams around the world, we combine our expertise in performance building systems with local knowledge to develop products suited to your market.

Premium Quality

Our products are specifically developed to ensure not only quick manufacturing but also easy installation, enabling efficient implementation without compromising on quality. Each stage of production is subject to rigorous quality control, guaranteeing our customers high quality products that comply with current standards and regulations.

Excellent Performance

All of our aluminium building systems are meticulously tested in our own lab as well as 3rd party accredited facilities, where they are assessed on a range of performance criteria including water, wind, air tightness, durability, thermal insulation and acoustic insulation.

HOTEL



RESIDENTIAL



OFFICE



COMMERCIAL



NON-INSULATED ALUMINIUM CASEMENT WINDOWS

Non-insulated window system that offers optimized design for all construction types with affordability, aesthetics and functionality.

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.

Specifications	45DS open in	45DS turn & tilt	45DS open out	45DS top hung
Opening Type	open in	turn & tilt	open out	top hung
Frame Depth	45 mm	45 mm	45 mm	45 mm
Sash Depth	45 mm	45 mm	45 mm	45 mm
Glazing Options	4 mm – 30 mm	4 mm – 30 mm	4 mm – 30 mm	4 mm – 30 mm
Max Sash Weight	80 kg	130kg	46 kg / 80 kg	100 kg
Max Sash Dimension	1500W 2200H	1500W 2200H	1200W 2000H	1500W 2000H
Performance				
U Value (Ug = 1.1 W/m²K)	/	/	/	/
U Value (Ug = 0.5 W/m²K)	/	/	/	/
Acoustic Performance up to	35 dB	35 dB	35 dB	35 dB
Air Permeability	A3	A3	A3	A3
Water Tightness	9A	9A	9A	9A
Wind Resistance	C4	C4	C4	C4





TT CLASSIC

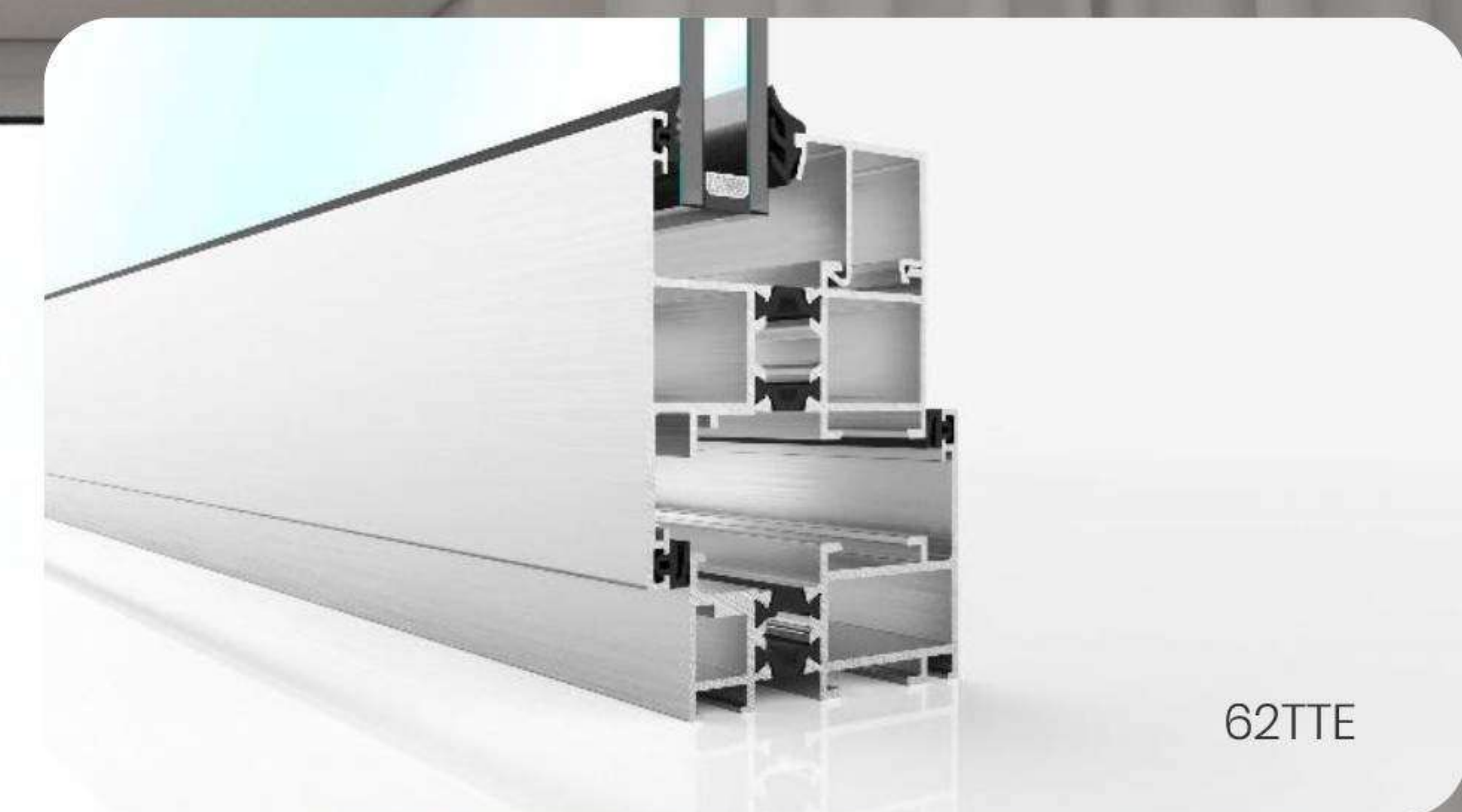
ALUMINIUM CASEMENT WINDOWS

Thermal break solution designed to ensure comfort despite any extreme weather, creating living environment with lower energy consumption.

Our classic casement windows not only look stunning, but decades of AluK technology development guarantee overall performance. Meanwhile, safety is built into every design with optional child locks and window opening control devices for families with children.

Specifications	62TTE
Opening Type	open out
Frame Depth	63 mm
Sash Depth	63 mm
Glazing Options	12 mm – 40 mm
Max Sash Weight	46 kg / 80 kg
Max Sash Dimension	750W 1500H
Performance	
U Value (Ug = 1.1 W/m²K)	2.13 W/m²K
U Value (Ug = 0.5 W/m²K)	1.70 W/m²K
Acoustic Performance up to	40 dB
Air Permeability	A4
Water Tightness	9A
Wind Resistance	C4



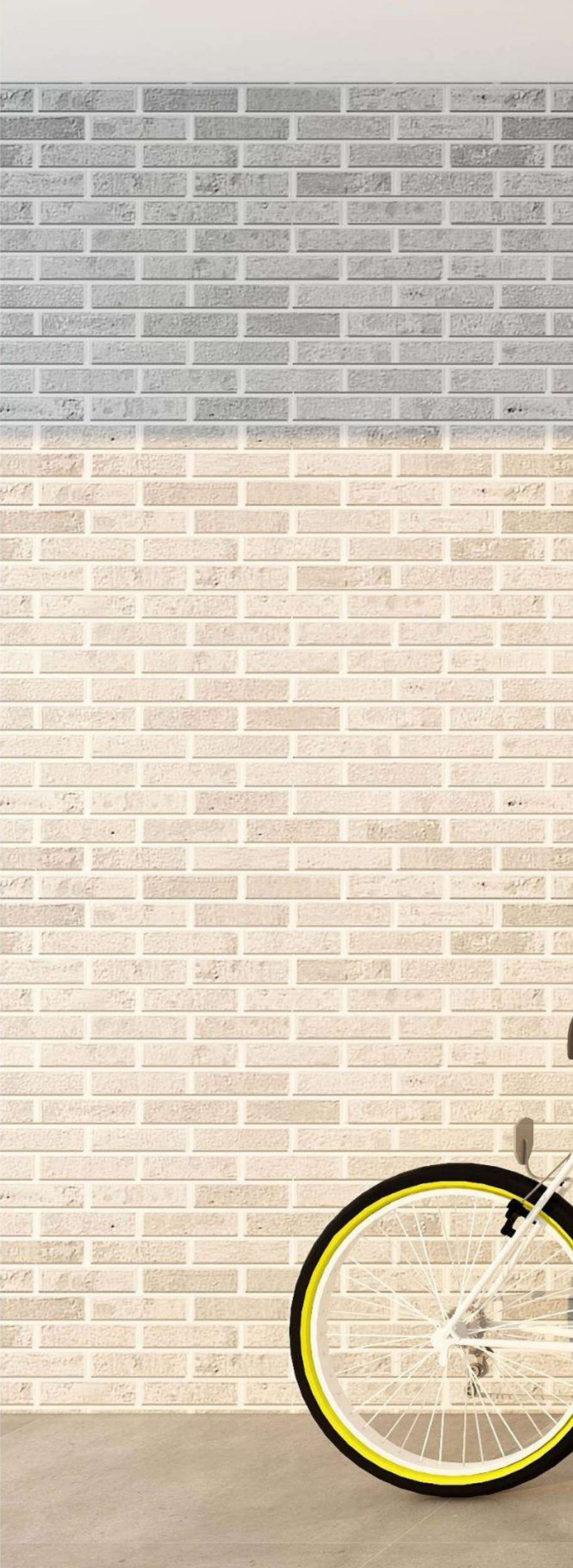


NON-INSULATED ALUMINIUM CASEMENT DOORS

Classically designed aluminium casement doors with security features: the ideal choice for entry and balcony entrances!

Aluminium casement doors are a modern, stylish alternative to traditional wooden or PVC-U doors. Available as a single or double door, our casement doors are designed with safety and security at their core. We offer several optional features for added security, including multipoint locking mechanisms for enhanced security.

Specifications	45DS
Opening Type	open in / open out
Frame Depth	45 mm
Sash Depth	45 mm
Glazing Options	4 mm – 30 mm
Max Sash Weight	80 kg
Max Sash Dimension	1000W 2500H
Performance	
U Value (Ug = 1.1 W/m²K)	/
U Value (Ug = 0.5 W/m²K)	/
Acoustic Performance up to	35 dB
Air Permeability	A3
Water Tightness	4A
Wind Resistance	C3





ID PREMIUM

ALUMINIUM CASEMENT DOORS

Available with a wide variety of colours, finishes and formats to best complement and enhance your project.

Our premium range is fitted with filiform hinges for a slim & sleek look. A concealed hinge version is also available, providing a seamless flat surface for a more refined aesthetic. They are also available thresholdless for safe & easy access. Even with this streamlined profile, our premium casement doors still deliver excellent thermal performance whether it's a blustery winter or a sweltering summer.

Specifications	67ID
Opening Type	open in / open out
Frame Depth	67 mm
Sash Depth	67 mm
Glazing Options	24 mm – 52 mm
Max Sash Weight	160 kg
Max Sash Dimension	1100W 2800H
Performance	
U Value (Ug = 1.1 W/m²K)	1.80 W/m²K
U Value (Ug = 0.5 W/m²K)	1.44 W/m²K
Acoustic Performance up to	45 dB
Air Permeability	A4
Water Tightness	3B
Wind Resistance	C5





67ID
with automatic sill



67ID
with threshold

NON-INSULATED ALUMINIUM SLIDING WINDOWS

Tested and installed in many projects over the years, the aluminium sliding windows offer quick ventilation without the need for extra space.

AluK’s engineering technology guarantees the ultimate protection from wind and rain. In places where space is at a premium, sliding windows offer an ideal solution. They take up no extra space while offering quick ventilation. Their dual wheel structure and sleek sliding track give them reliable, effortless smooth operation.

Specifications	SC95
Opening Type	sliding
Frame Depth	95 mm
Sash Depth	36 mm
Glazing Options	6 mm – 24 mm
Max Sash Weight	150kg
Max Sash Dimension	1500W 2600H
Performance	
U Value (Ug = 1.1 W/m²K)	/
U Value (Ug = 0.5 W/m²K)	/
Acoustic Performance up to	35 dB
Air Permeability	A4
Water Tightness	8A
Wind Resistance	B2





CLASSIC

ALUMINIUM SLIDING DOORS

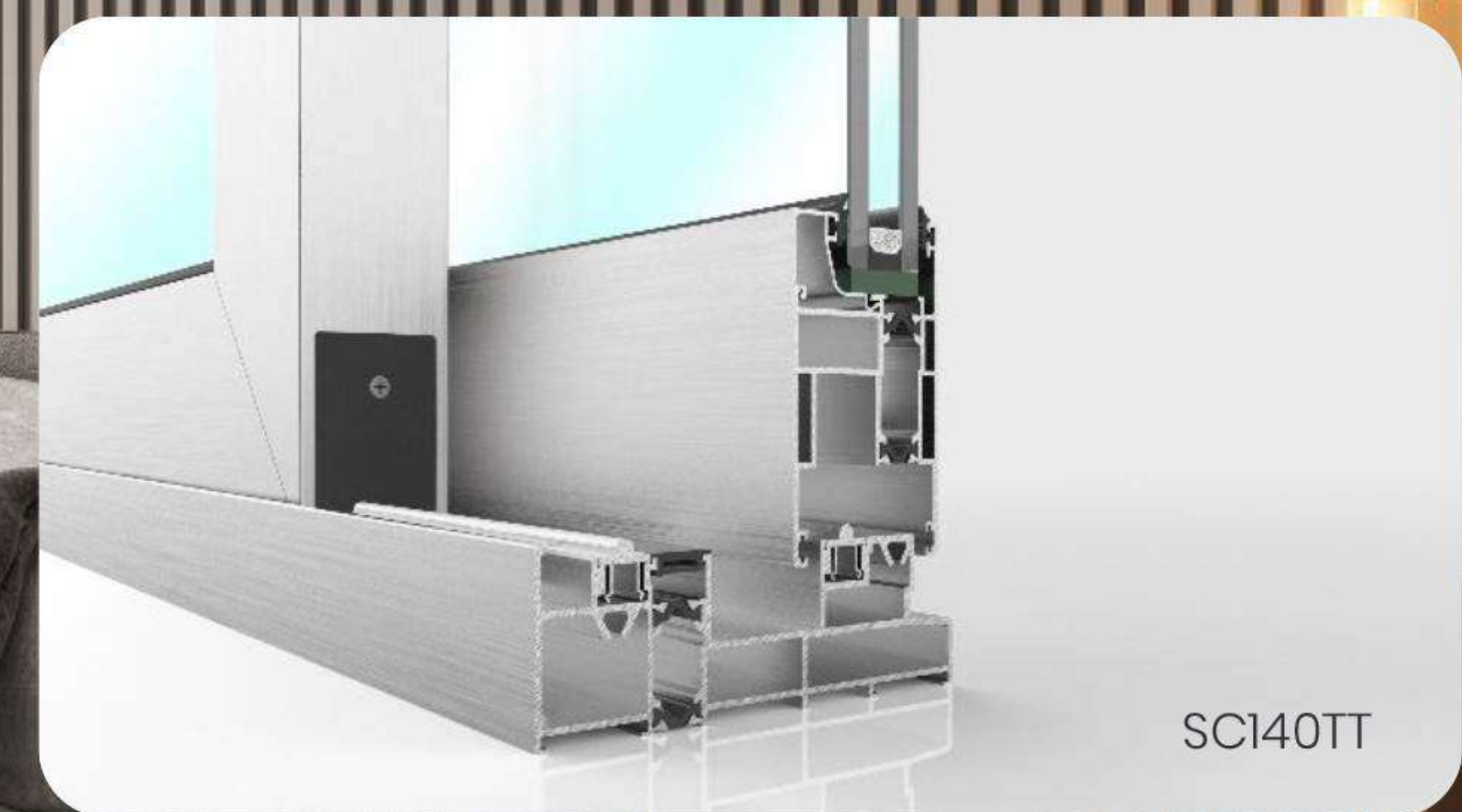
Expand your horizons and maximize natural light with AluK classic aluminium sliding doors!

Sliding doors’ large panes of glass make it possible to enjoy natural light throughout the day while the option for two to three tracks and up to six panels offer the versatility to turn your designs into reality. Bespoke rollers have been designed to ensure smooth, easy operation of these large glass doors. There is also an upgraded version of lifting & sliding doors with 50mm slim interlock for extraordinary views.

Specifications	SC95	SC95TT	SC140TT
Opening Type	sliding	sliding	sliding / lifting & sliding
Frame Depth	95 mm	95 mm	140 mm
Sash Depth	36 mm	36 mm	55 mm
Glazing Options	6 mm – 24 mm	6 mm – 24 mm	10 mm – 40 mm
Max Sash Weight	150 kg	150kg	250 kg (sliding); 300 / 400 / 500 kg (lifting & sliding)
Max Sash Dimension	1500W 2600H	1500W 2600H	2500W 3000H

Performance			
U Value (Ug = 1.1 W/m²K)	/	2.15 W/m²K	2.03 W/m²K
U Value (Ug = 0.5 W/m²K)	/	1.67 W/m²K	1.50 W/m²K
Acoustic Performance up to	35 dB	35 dB	38 dB
Air Permeability	A4	A4	A4
Water Tightness	8A	8A	8A
Wind Resistance	B2	B2	A4





INFINEO FRAMELESS ALUMINIUM SLIDING DOORS

The Infineo inline slider breaks away from conventional design constraints with its maximized glazing area.

Minimal sightlines – courtesy of the fully concealed outer frame, hidden sash and ultra slim 21mm interlock – mean glazed expanses that let in maximum light, to create a beautifully bright and welcoming interior. The Infineo inline slider offers extensive flexibility to create bespoke design solutions.

Specifications	INFINEO
Opening Type	sliding
Frame Depth	146 mm
Sash Depth	53 mm
Glazing Options	24 mm / 28 mm / 32mm
Max Sash Weight	350 kg
Max Sash Dimension	3000W 3000H
Performance	
U Value (Ug = 1.1 W/m²K)	1.30 W/m²K
U Value (Ug = 0.5 W/m²K)	0.90 W/m²K
Acoustic Performance up to	43 dB
Air Permeability	A4
Water Tightness	9A
Wind Resistance	B5





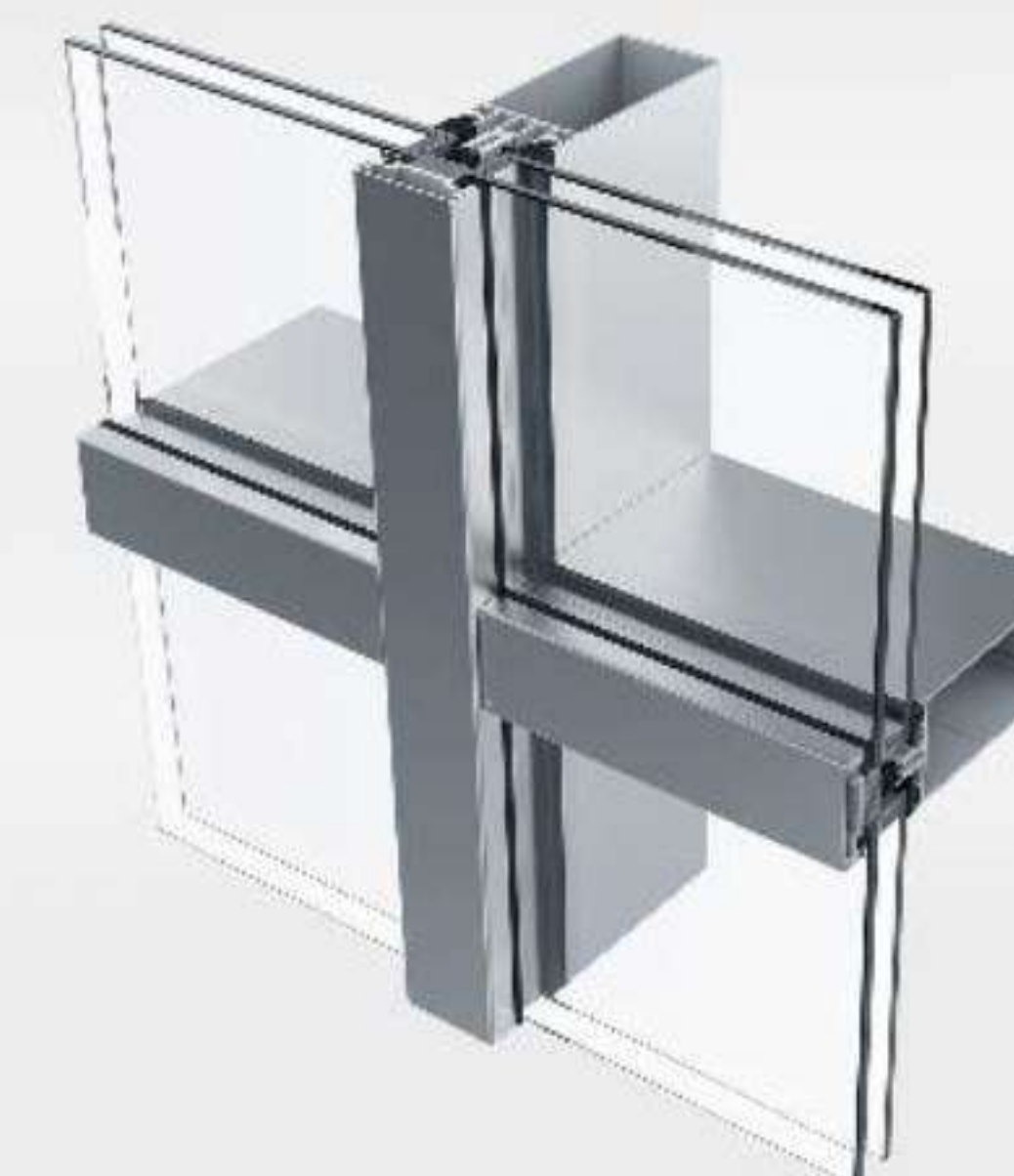
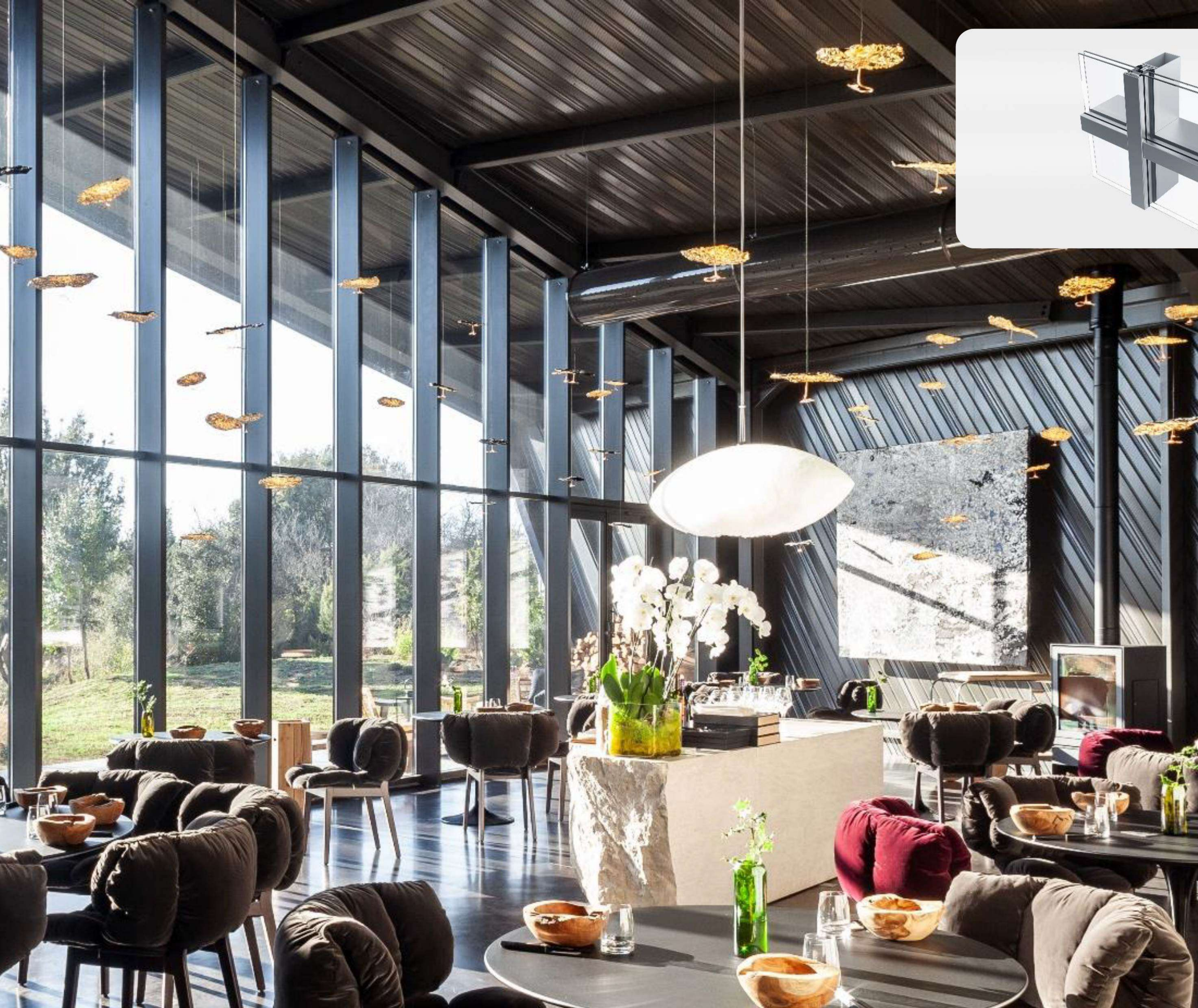
CONVENTIONAL SKYLIGHT CURTAIN WALLING SYSTEM

Capped ‘mullion drained’ curtain walling system designed to offer the highest performance through a combination of unique profile design and thermal optimization.

The unique drainage and ventilation system, sited within glazing rebates, ensures an attractive finish with optimal weather performance. For added design flexibility, the system can be faceted, curved or sloped, and drainage can be achieved through the mullion. The system has been designed to be fully integrated with AluK window, door and brise soleil systems to provide a complete façade solution.

Specifications	SL50
System Type	Visible frame
Mullion Width	50 mm
Mullion Depth	55 mm – 330 mm
Transom Depth	35 mm – 210 mm
Glazing Options	6 mm / 8 mm / 10 mm / 12 mm (single glass); 22 mm – 40 mm (double / triple glass)
Panel Weight	690 kg
Performance	
U Value ($U_g = 1.1 \text{ W/m}^2\text{K}$)	1.70 $\text{W/m}^2\text{K}$
Acoustic Performance up to	46 dB
Air Permeability	A4
Water Tightness	REI500
Wind Resistance	2000 Pa
CWCT Certified	BS EN 13830





SL50

Authorized AluK Partner



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