

MAKE IT
POSSIBLE®

product brochure 2021

KLEIDCO

PRODUCT BROCHURE 2021

www.kleidco.com

KLEIDCO® is an international system house company, established to provide customized architectural solutions to distinctive buildings.

As a multinational company, KLEIDCO® offers solutions to it's partners from the headquarter in Turkey and international branches in Spain, Germany, France, USA, Austria and The Balkans.

Designs of the systems are made by a partnership with the world-famous consulting companies. From designing to the production and accordingly to the test results, the products are finalized after a long process of meticulous work. Kleidco® presents solutions and products on the project basis as custom design.

KLEIDCO® is also offering Ready Made & Demounted aluminium architectural solutions to building material markets and to the international projects under KLEIDCO® warranty. With it's own integrated fabrication plants, KLEIDCO® is capable of fabricating all aluminium architectural solutions, glass montage, accessories montage and desired packaging.

“ MAKE IT POSSIBLE ”

KLEIDCO® has a different vision and mission in this sector. The vision is to MAKE IT POSSIBLE for our solution partners & our mission is to develop custom designs and solutions on each project. Thanks to this approach, KLEIDCO® is offering the most suitable and economic solutions for developers and architects'. This way, architectural dreams easily become real.



1st CLASS ALUMINIUM SYSTEMS

As an international system house company offering 1st Class solutions to distinctive buildings in different climates and to different kinds of projects from an exclusive villa to a skyscraper, KLEIDCO® ensures the quality of all materials used in the systems and co-operates only with world-renowned partners. This requires the compatibility of the systems and solutions to various standards and test methods for each country and/or project.



“CUSTOM DESIGN”

KLEIDCO's area of expertise is to provide solutions for the design and implementation of aluminium architectural systems, customized according to the project as "tailor cut". All the systems and customized solutions are designed with highly professional R&D and technical team, KLEIDCO® ensures the optimized & best solution to it's global partners.





Building the Future From Today

KLEIDCO® offers solutions in the field of door-window, sliding and facade systems that provide low heat conduction to contribute to energy efficiency and reduce carbon footprint. All Kleidco products have the EPD (Environmental Product Declaration) certificate, which is requested by LEED, BREEAM, DGNB and ÇEDBİK green building evaluation systems.

Comfort and Security

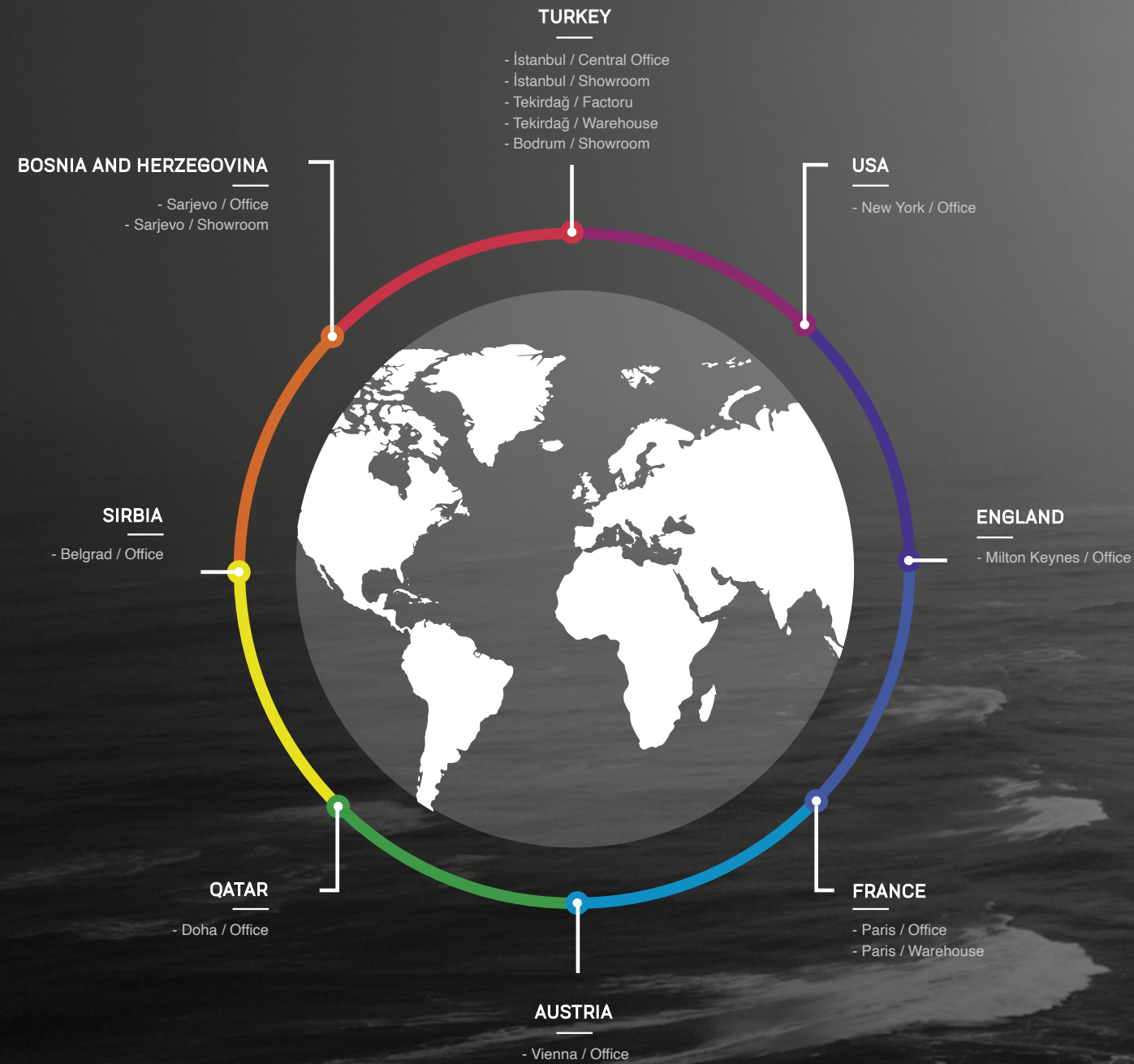
KLEIDCO®, door and window systems are designed to allow the use of special accessories and lock mechanisms that provide child safety and burglar safety. Kleidco provides optimum comfort conditions by preventing external noise with door-window and facade systems supported by special glass combintaians.

Cost Effective and Installation

With the consultancy service it provides during the project phase, KLEIDCO® does not depend on the standard system details, but can offer optimum cost solutions by producing new details specific to the projects. With KLEIDCO ACADEMY certified partners for both fabrication and insallation, KLEIDCO® provides fabrication and installation services globally.

Technical Support

KLEIDCO® provides full tehcnical support to it's solution partners, from the designing proces till the installation ends, such as; system design, project analysis, technical calculations, recommendation for system selection, project quaotation & quotation support services, system & fabrication trainings, mock-up and sampling support, testing support, consultancy on new systems & system updates and ready to montage & fabricated products. In case of a demand, KLEIDCO® can assist for shop drawing, projection and installation processes with the global 3rd party partners.



KLEIDCO® INCREASES ITS ACTIVITIES IN INTERNATIONAL AREA WITH OFFICES IN FRANCE, USA, SPAIN, GERMANY, AUSTRIA AND THE BALKANS.

KLEIDCO® is active in North America, Europe, Balkans, Central Asia, Middle East and North Africa regions.





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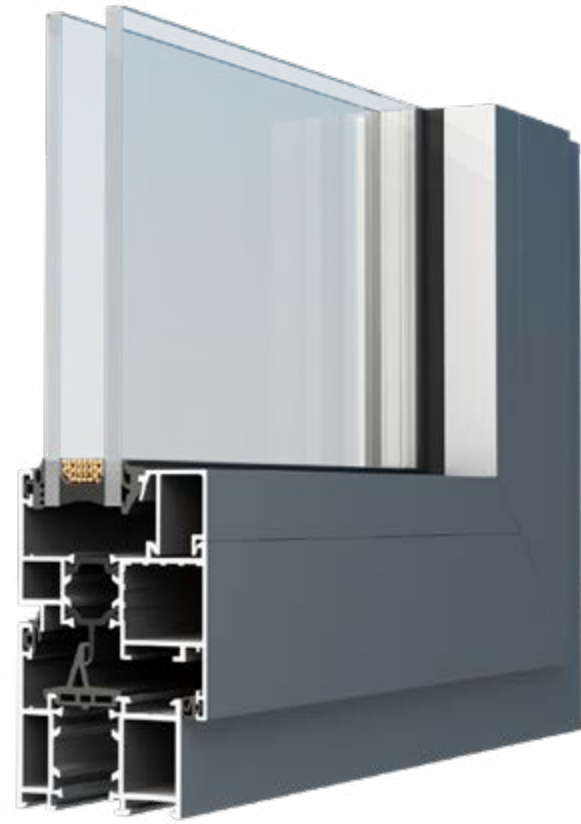
PARALLEL SHUTTER
FOLDING SHUTTER
COTTA
HANDLES

OTHER SYSTEMS

DOOR - WINDOW SYSTEMS



SELENIUM ATAKÖY - İSTANBUL



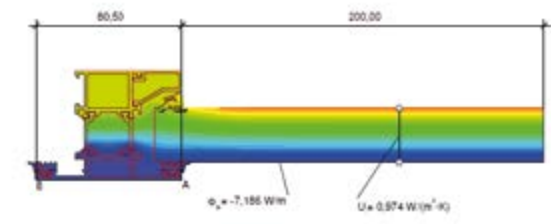
BASIC 56 KLEIDCO® system is designed to give architects an integrated window and door system, allowing flexibility of design whilst providing good thermal and acoustic insulation.

BASIC 56 brings you chance to reduce initial investment cost within thermal insulated systems. The main difference between the two systems.



In addition to them, BASIC 56 has high quality with certified performance values. It has increased static loads and functionality in case of severe weather conditions and increased level of security. As a result, it makes BASIC 56 a competitive architectural solution.

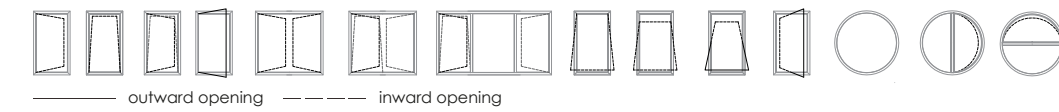
Besides Modern design of BASIC 56, the system includes all types of inward and outward opening. The range of combinations available allows the system to respond to the needs of the building.



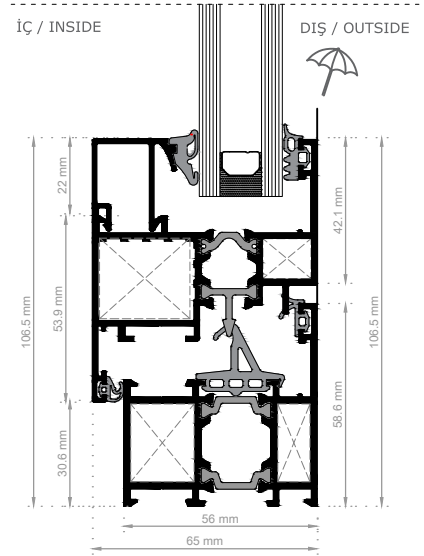
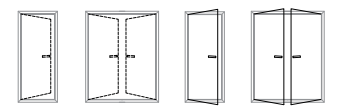
$$U_{\text{total}} = \frac{\phi}{A \cdot \Delta T} = \frac{7.186}{20.000} = 0.3593 \text{ W/(m}^2\text{K)}$$

$$U_{\text{total}} = \frac{0.3593}{0.081} = 4.436 \text{ W/(m}^2\text{K)}$$

WINDOWS



DOORS

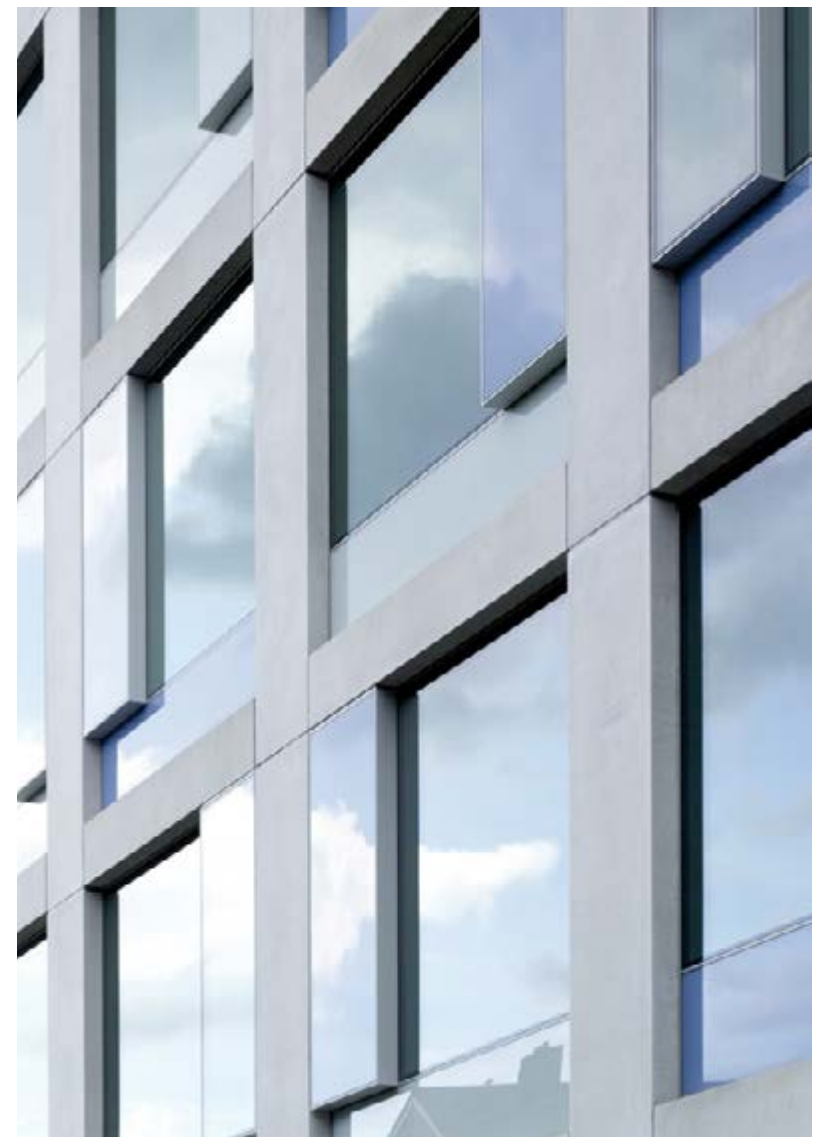


TECHNICAL PROPERTIES

System Visible Width	Fixed	50 - 66 mm
	Vent	42 - 63 mm
System Thickness	Fixed	56 mm
	Vent	65 mm
Reinforced Mullion Depth		96 - 131 mm
Moment Of Inertia Of Reinforced Mullion	Ix	up to 129,83 cm ⁴
	Iy	up to 44,58 cm ⁴
Glazing Thickness		4 mm - 46 mm
Min. Sash Dimensions		350 mm x 700 mm
Max. Sash Dimensions		1700 mm x 2800 mm
Thermal Break Thickness		20 mm
Max. Sash Weight		180 kg

PERFORMANCE VALUES

	TS EN 12207	Air Permeability	Class 4 - 600 Pa
	TS EN 12208	Water Tightness	E 1200 - 1200 Pa
	TS EN 12210	Wind Load Resistance	C3 (1200 Pa)
	EN 10.077-2	Thermal Insulation	Uw: 1,39 W/m2.K





BASIC 60 KLEIDCO® system is designed to give architects an integrated window and door system, allowing flexibility of design whilst providing good thermal and acoustic insulation.

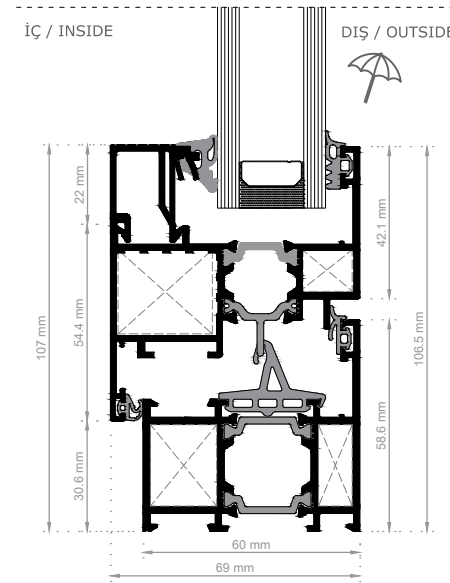
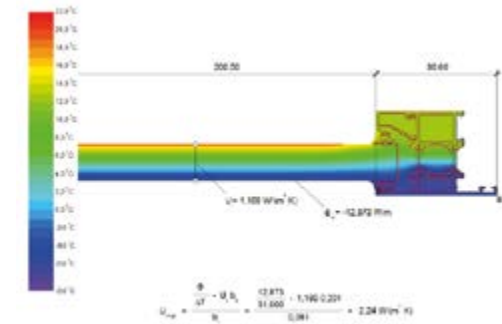
BASIC 60 brings you chance to reduce initial investment cost within thermal insulated systems. The main difference between the two systems.



DOOR - WINDOW SYSTEMS

In addition to them, BASIC 60 has high quality with certified performance values. It has increased static loads and functionality in case of severe weather conditions and increased level of security. As a result, it makes BASIC 60 a competitive architectural solution.

Besides Modern design of BASIC 60, the system includes all types of inward and outward opening. The range of combinations available allows the system to respond to the needs of the building.

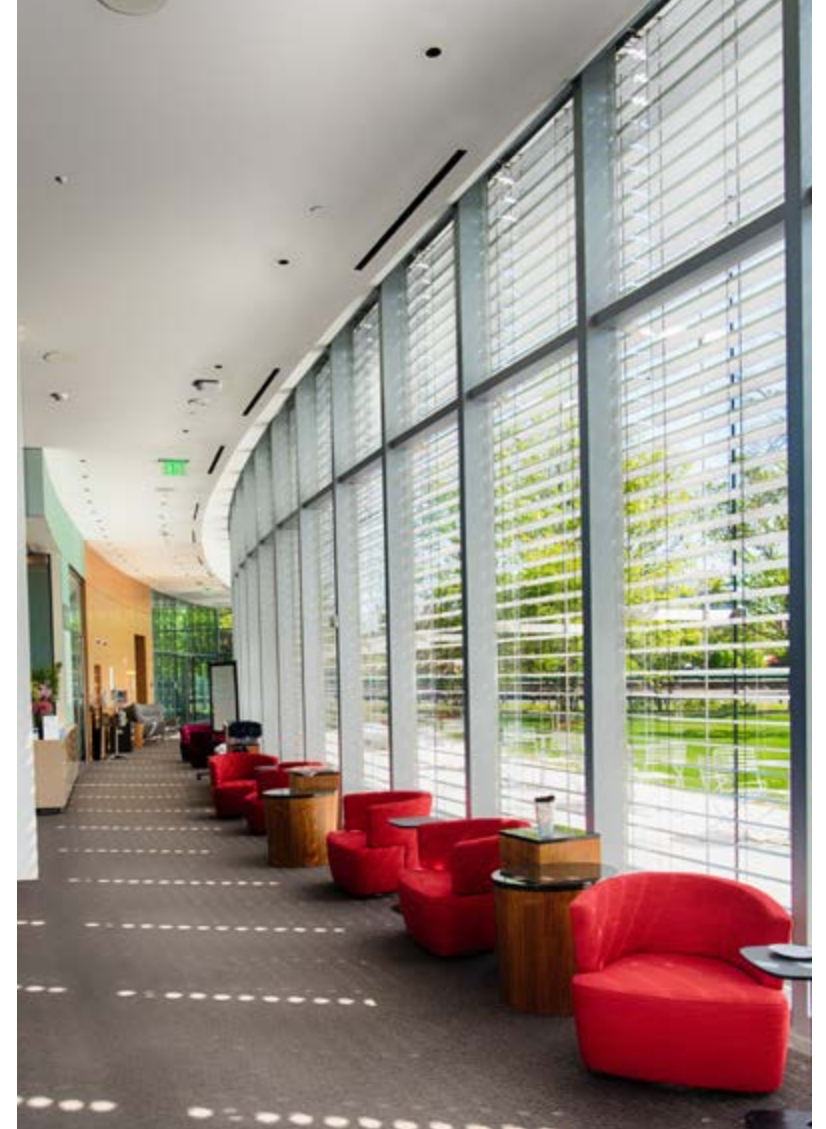
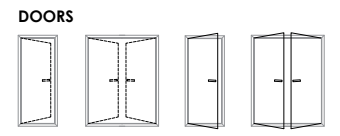
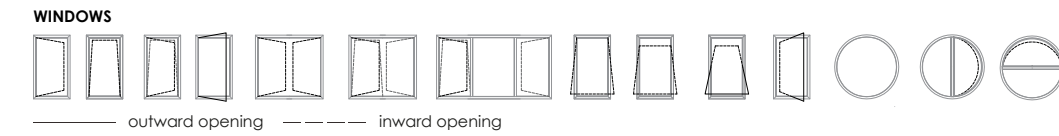


TECHNICAL PROPERTIES

System Visible Width	Sabit	50 - 66 mm
	Kanat	42 - 63 mm
System Thickness	Sabit	60 mm
	Kanat	69 mm
Reinforced Mullion Depth		100 - 135 mm
Moment Of Inertia Of Reinforced Mullion	Ix	up to 138,66 cm ⁴
	Iy	up to 44,58 cm ⁴
Glazing Thickness		6 mm - 50 mm
Min. Sash Dimensions		350 mm x 700 mm
Max. Sash Dimensions		1700 mm x 2800 mm
Thermal Break Thickness		24 mm
Max. Sash Weight		180 kg

PERFORMANCE VALUES

	TS EN 12207	Air Permeability	Class 4 - 600 Pa
	TS EN 12208	Water Tightness	E 1200 - 1200 Pa
	TS EN 12210	Wind Load Resistance	C3 (1200 Pa)
	EN 10.077-2	Thermal Insulation	Uw: 1,36 W/m2.K



ICON 65 - HV

HIDDEN VENT

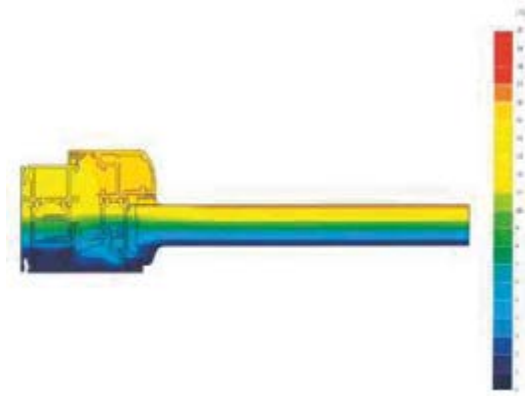


ICON 65HV is an innovative high performance window system that provides minimum profile visibility thanks to its special concealed ventilation design.

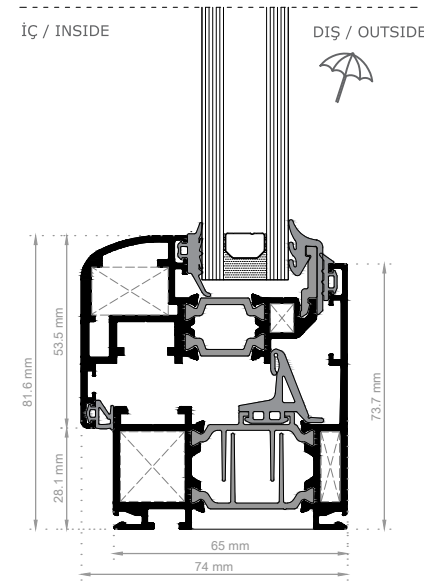
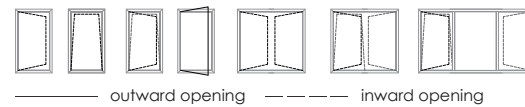
The ICON 65HV system is a proposal from KLEIDCO® for advanced insulated systems that meet the high standards of all developed markets and include a modern design for exterior architectural building elements that require thermal performance.



ICON 65HV brings together efficient solutions for architectural and design requirements. It is the ideal solution for projects that require first class appearance.



WINDOWS



TECHNICAL PROPERTIES

System Visible Width	Fixed	34 mm
	Vent	53 mm
System Thickness	Fixed	65 mm
	Vent	65.5 mm
Glazing Thickness		24 mm
Thermal Break Thickness		22 - 34 mm

PERFORMANCE VALUES

	TS EN 12207	Air Permability	NA
	TS EN 12208	Water Tightness	NA
	TS EN 12210	Wind Load Resistance	NA





ICON 70 is an innovative high performance windows and door system that is combining strength, safety, sustainability and aesthetic design.

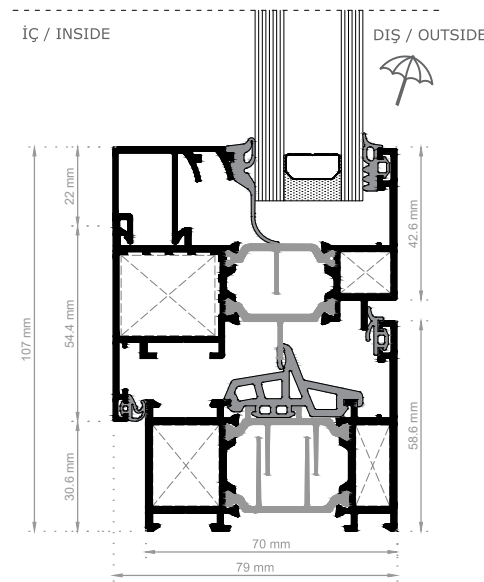
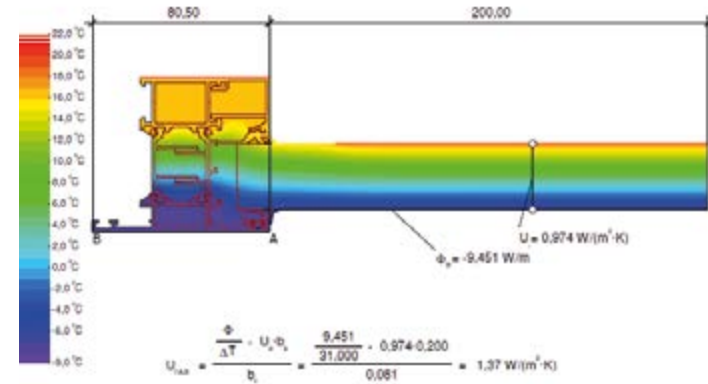
The system ICON 70 is KLEIDCO's proposal for advanced insulated casements, which meets the high standards of all advanced markets and incorporates a modern design that's intended for realizations of exterior architectural building elements requiring thermal and acoustic insulation.



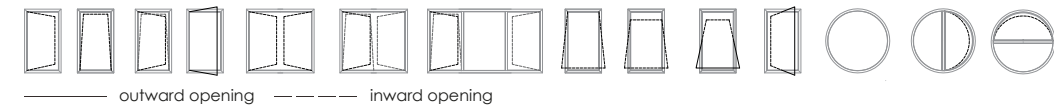
DOOR - WINDOW SYSTEMS

ICON 70 combines efficient solutions for a wide variety of functional, architectural and design requirements in one system. It is the ideal solution for projects that require high performance and premium aluminum architecture.

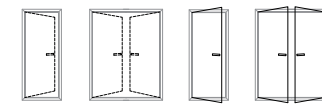
Hidden Vent & bonded Vent options are available for this system.



WINDOWS



DOORS



TECHNICAL PROPERTIES

System Visible Width	Fixed	50 - 66 mm
	Vent	42 - 63 mm
System Thickness	Fixed	70 mm
	Vent	79 mm
Reinforced Mullion Depth		145 mm
Moment Of Inertia Of Reinforced Mullion	Ix	up to 162,98 cm ⁴
	Iy	up to 44,58 cm ⁴
Glazing Thickness		16 - 60 mm
Min. Sash Dimensions		350 mm x 700 mm
Max. Sash Dimensions		1700 mm x 2800 mm
Thermal Break Thickness		34 mm
Max. Sash Weight		180 kg

PERFORMANCE VALUES

	TS EN 12207	Air Permability	Class 4 - 600 Pa
	TS EN 12208	Water Tightness	E 900 - 900 Pa
	TS EN 12210	Wind Load Resistance	C 1400 (1400 Pa)
	TS EN 12210	Safety Wind Load Resis.	2100 Pa
	EN 10.077-2	Thermal Insulation	Uw: 0,92 W/m2.K



ICON 70 - BV

BONDED VENT



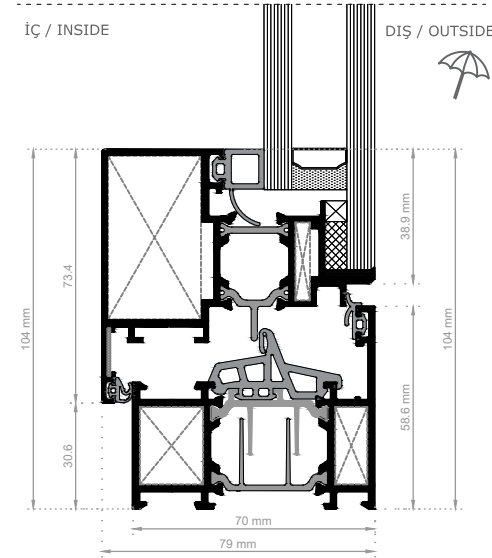
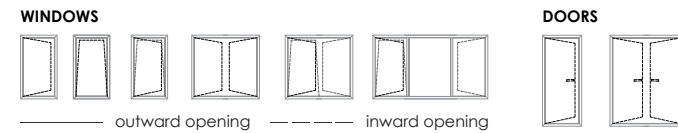
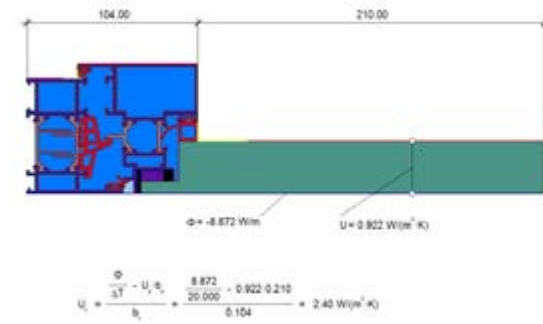
ICON 70BV is an innovative and high performance window system that provides minimum profile visibility. Thanks to its special bonding design, ICON 70BV gains a more aesthetic appearance.

The ICON 70BV system is a proposal from KLEIDCO® for advanced insulated systems that meet the high standards of all developed markets and include a modern design for exterior architectural building elements that require thermal performance.



DOOR - WINDOW SYSTEMS

ICON 70BV brings together efficient solutions for architectural and design requirements. It is the ideal solution for projects that require first class appearance.

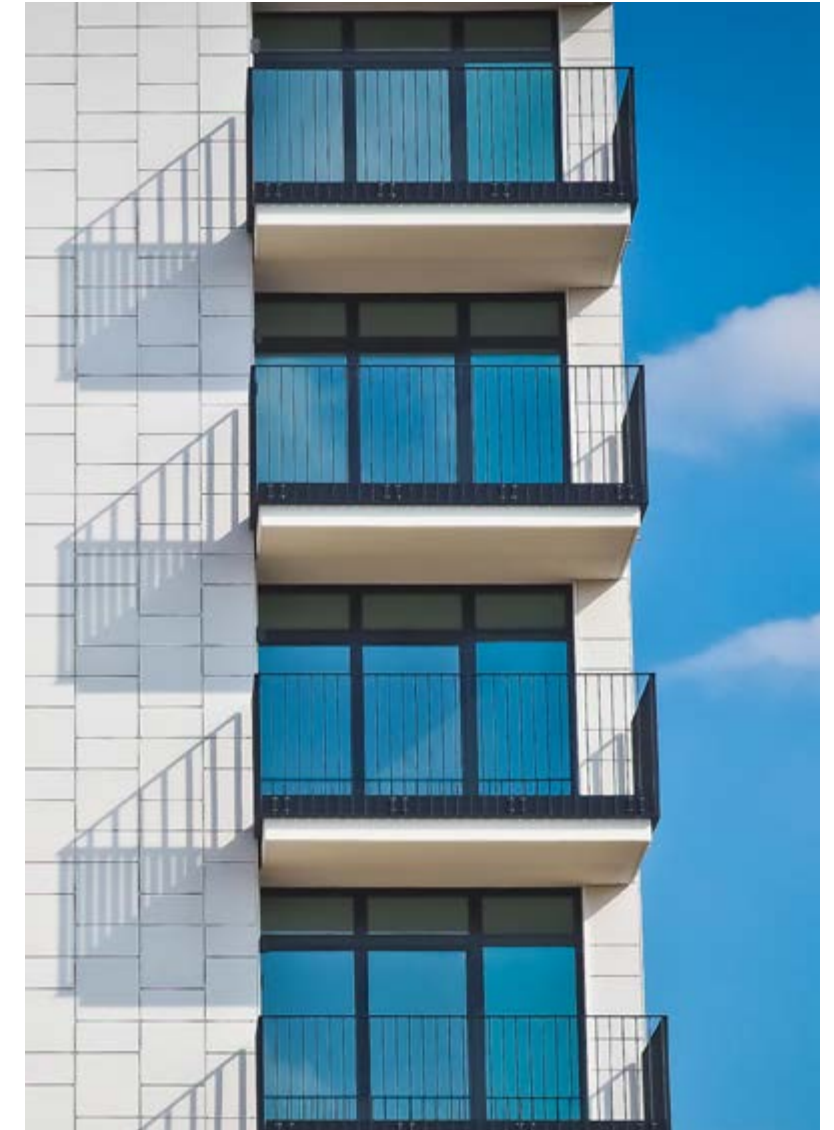


TECHNICAL PROPERTIES

System Visible Width	Fixed	74,4 mm
System Thickness	Fixed	70 mm
	Vent	79 mm
Glazing Thickness		16 - 52 mm
Thermal Break Thickness		20 - 34 mm

PERFORMANCE VALUES

	TS EN 12207	Air Permability	NA
	TS EN 12208	Water Tightness	NA
	TS EN 12210	Wind Load Resistance	NA
	TS EN 12210	Safety Wind Load Resistance	NA



ICON 70 - D

DOOR

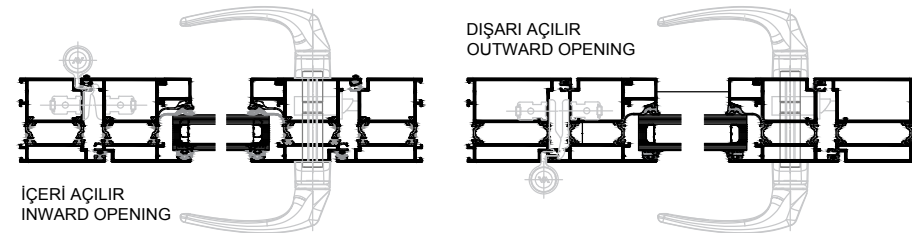
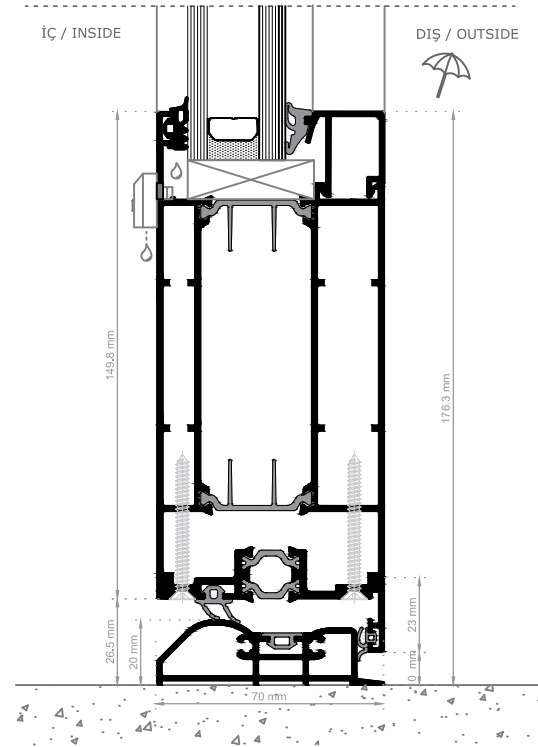
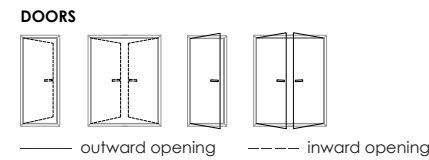
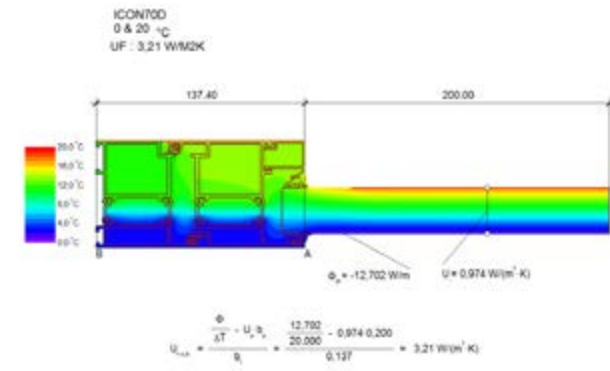


ICON 70 D door are the trustworthy solution for your building's entrances, it is ideal for Emergency exit doors with panic bars, but also offers a suitable solution for multiple locking building entry-exit doors.

The Icon 70 D door, have been designed with re-enforced polyamide thermal-break and 3 compartmental structure to provide high insulation and better system performance.



With 70 mm frame depth ICON 70 D enables the flush visible view requested for projects, enhancing the aesthetical design of the system. Inside & outside openings are available.



TECHNICAL PROPERTIES

System Visible Width	Fixed	68 mm
	Vent	64 mm
System Thickness	Fixed	70 mm
	Vent	70 mm
Glazing Thickness		16 - 52 mm
Max. Sash Dimensions		900 mm x 3500 mm
Thermal Break Thickness		18 mm

PERFORMANCE VALUES

	TS EN 12207	Air Permeability	NA
	TS EN 12208	Water Tightness	NA
	TS EN 12210	Wind Load Resistance	NA
	TS EN 12210	Safety Wind Load Resistance	NA



ICON 75 - D

DOOR



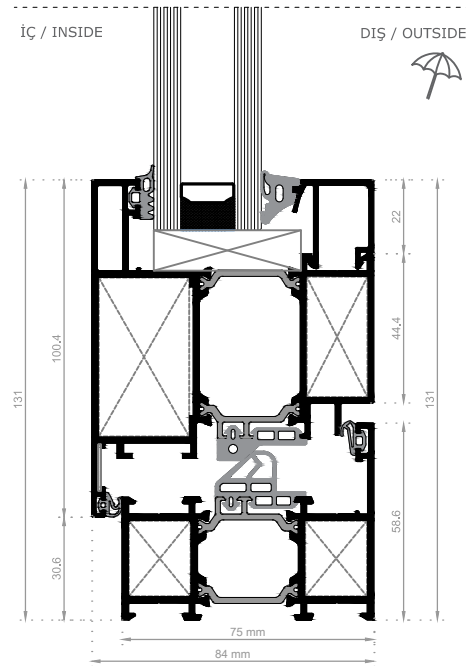
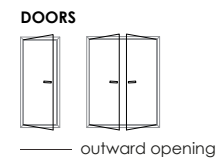
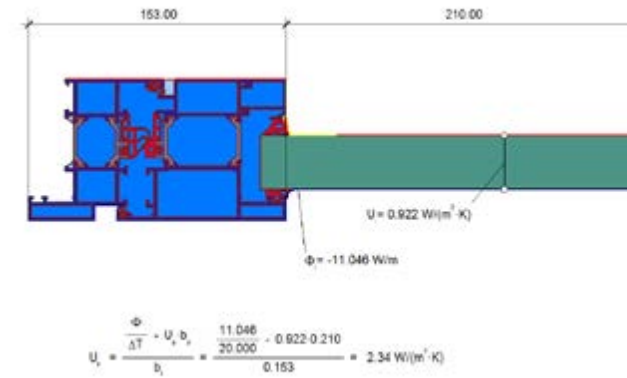
ICON 75 D door are the trustworthy solution for your building's entrances, it is ideal for Emergency exit doors with panic bars, but also offers a suitable solution for multiple locking building entry-exit doors.

The Icon 75 D door, have been designed with re-enforced polyamide thermal-break and 3 compartmental structure to provide high insulation and better system performance.



DOOR - WINDOW SYSTEMS

With 75 mm frame depth ICON 75 D enables the flush visible view requested for projects, enhancing the aesthetic design of the system. Inside & outside openings are available.



TECHNICAL PROPERTIES

System Visible Width	Fixed	39 mm
	Vent	100 mm
System Visible Width	Fixed	84 mm
	Vent	84 mm
Glazing Thickness		26 - 43 mm
Thermal Break Thickness		30 mm

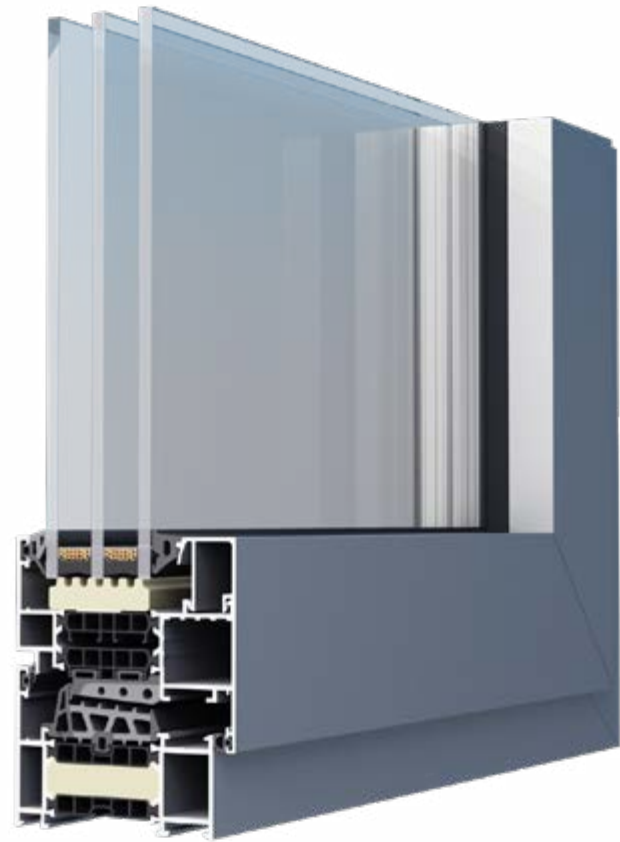
PERFORMANCE VALUES

	TS EN 12207	Air Permability	NA
	TS EN 12208	Water Tightness	NA
	TS EN 12210	Wind Load Resistance	NA
	TS EN 12210	Safety Wind Load Resistance	NA



ICON 84 HI

HIGH INSULATION



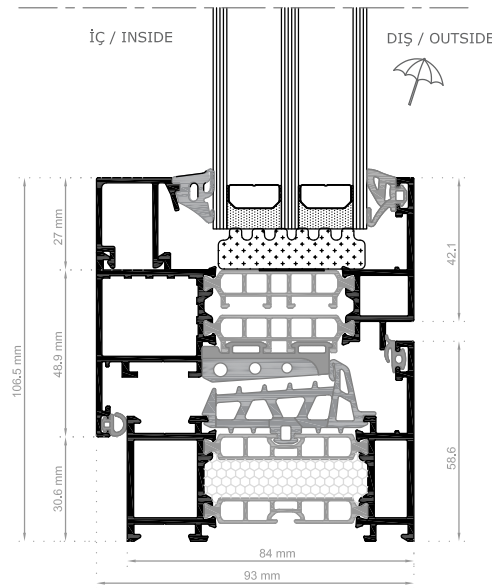
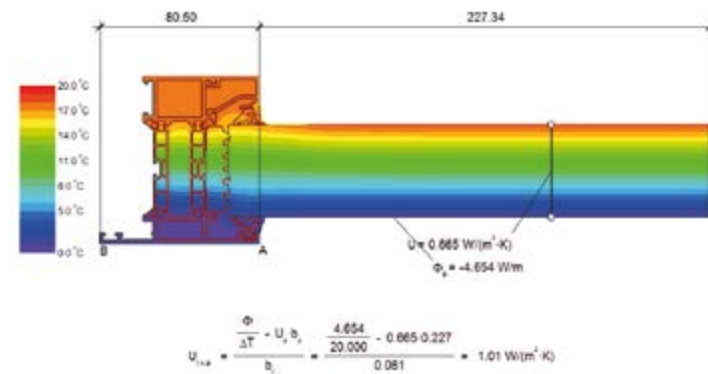
ICON 84 is the optimal windows and door system for challenging climate conditions that is combining strength, insulation, energy efficiency and aesthetics with thermal comfort.

The system ICON 84 is KLEIDCO's proposal for advanced insulated casements, thanks to the special design using polyamide thermal break and special insulator to achieve high performance values in terms of Uf.



DOOR - WINDOW SYSTEMS

ICON 84 combines efficient solutions for a wide variety of functional, architectural and energy requirements in one system. It is the ideal solution for projects that require top-level performance, notable thermal insulation values. As a result of high-insulation characteristic, ICON 84 reduces energy need and also carbon footprint.

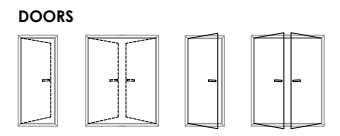
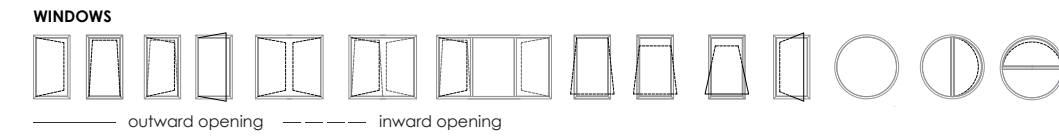


TECHNICAL PROPERTIES

System Visible Width	Fixed	50 - 66 mm
	Vent	42 - 63 mm
System Thickness	Fixed	84 mm
	Vent	93 mm
Reinforced Mullion Depth		159 mm
Moment Of Inertia Of Reinforced Mullion	Ix	up to 202,44 cm ⁴
	Iy	up to 44,58 cm ⁴
Glazing Thickness		30 - 60 mm
Min. Sash Dimensions		350 mm x 700 mm
Max. Sash Dimensions		1700 mm x 2800 mm
Thermal Break Thickness		48 mm
Max. Sash Weight		180 kg

PERFORMANCE VALUES

	TS EN 12207	Air Permability	NA
	TS EN 12208	Water Tightness	NA
	TS EN 12210	Wind Load Resistance	NA
	TS EN 12210	Safety Wind Load Resis.	NA
	EN 10.077-2	Thermal Insulation	Uw: 0,79 W/m2.K



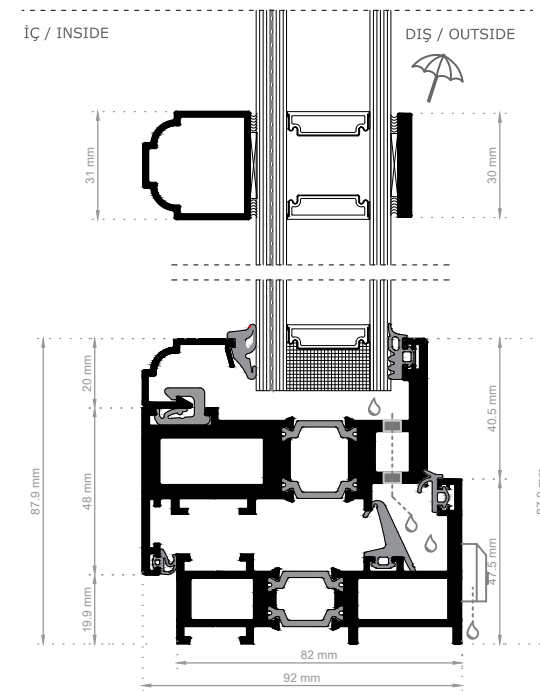
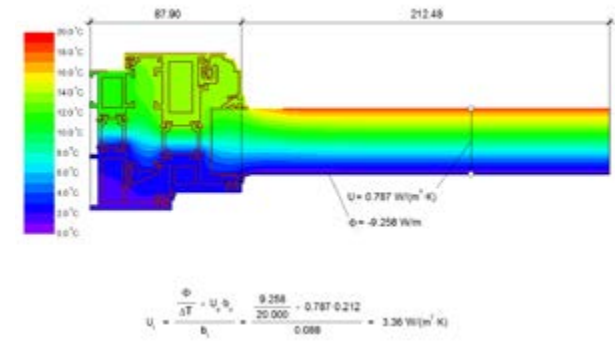


SLIM 82T allows for maximum daylight access. Thanks to its design, it allows great weather resistance in addition to optimal insulation properties, thanks to the three gasket barriers.

SLIM 82T is designed with the strength of a steel system and the refined aesthetics of an aluminium system; it has the decorative profiles option.



The system features all kinds of desired openings and alternatives of use for windows & doors such as inward opening, tilt & turn opening, vasistas window. As a system with Euro Groove feature, a variety of accessories may be applied.

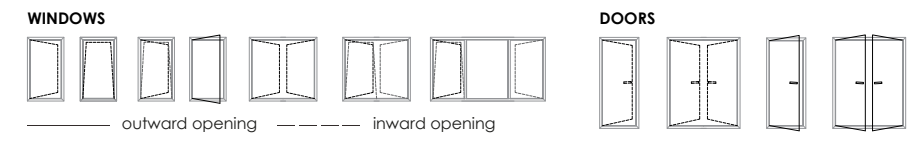


TECHNICAL PROPERTIES

System Visible Width	Fixed	47,5 mm
	Vent	69 mm
System Thickness	Fixed	82 mm
	Vent	82 mm
Glazing Thickness		22 - 62 mm
Thermal Break Thickness		22 mm

PERFORMANCE VALUES

	TS EN 12207	Air Permability	NA
	TS EN 12208	Water Tightness	NA
	TS EN 12210	Wind Load Resistance	NA
	TS EN 12210	Safety Wind Load Resistance	NA



SF 60 - T

SLIDING & FOLDING



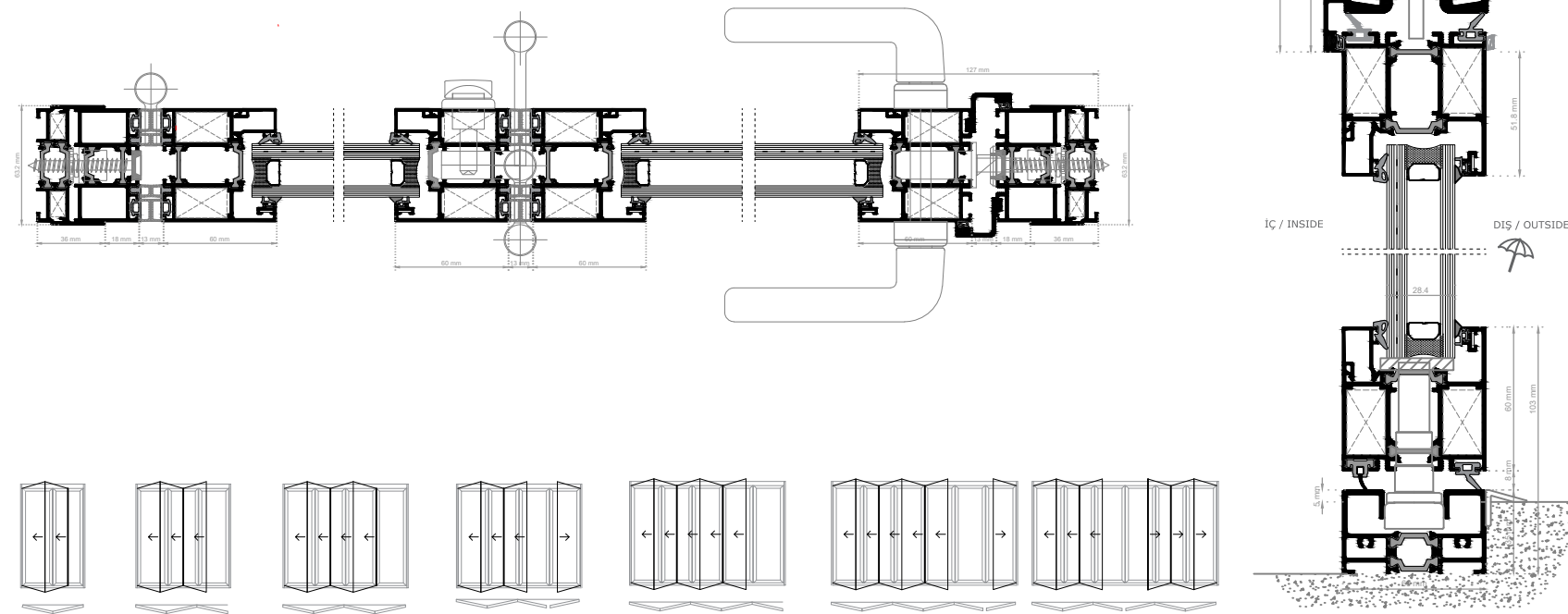
SF 60T, a thermally insulated sliding folding door system, is a multipurpose system designed to meet the market demands and requirements of KLEIDCO® systems.

In addition to its main uses, the SF60T can be used to separate rooms and transform balconies into a room.



DOOR - WINDOW SYSTEMS





The insulated SF60T sliding folding door system, which combines its top-hung mechanism with minimal aesthetics with its design, offers smooth performance and long-lasting functionality. SF60T offers many different advantages to its user such as silent operation, weather resistance and low maintenance. Thanks to its smart design, this system can be used by opening in or out, and the sashes can be parked on both sides.



TECHNICAL PROPERTIES

System Visible Width	Fixed	54 mm
	Vent	60 mm
System Thickness	Fixed	60 mm
	Vent	60 mm
Glazing Thickness		28 mm
Thermal Break Thickness		20 - 24 mm

PERFORMANCE VALUES

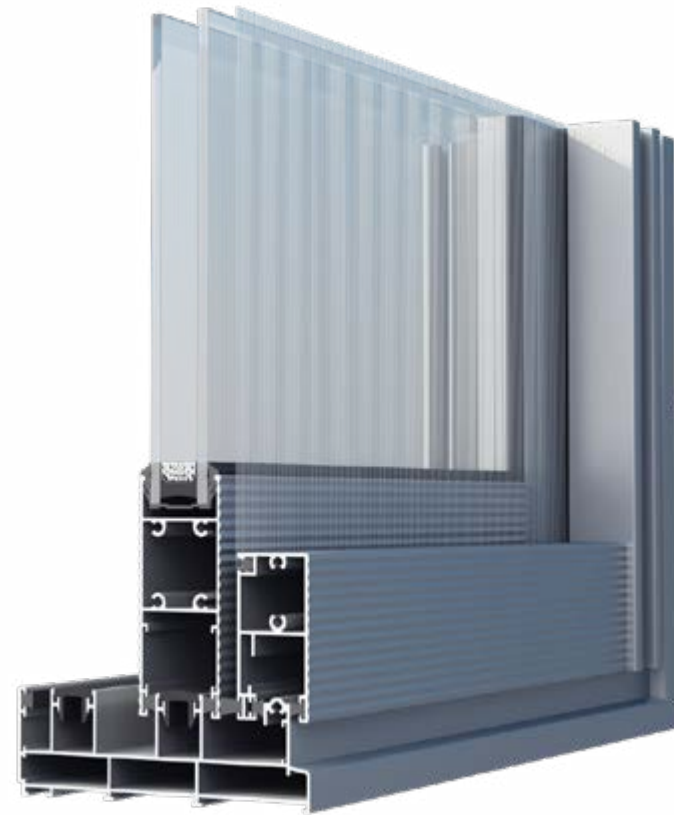
	TS EN 12207	Air Permability	NA
	TS EN 12208	Water Tightness	NA
	TS EN 12210	Wind Load Resistance	NA
	TS EN 12210	Safety Wind Load Resistance	NA



SLIDING SYSTEMS



BLUELAKE - İSTANBUL



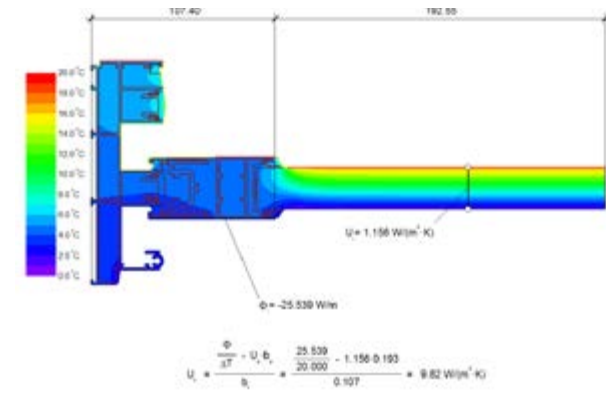
With its modern design, SNT91 can add a refined touch to your architectural constructions. It can be used in many types of architectural buildings.

The SNT91 is ideally used in mild to warm climates, for internal and external applications which do not require thermal insulation.

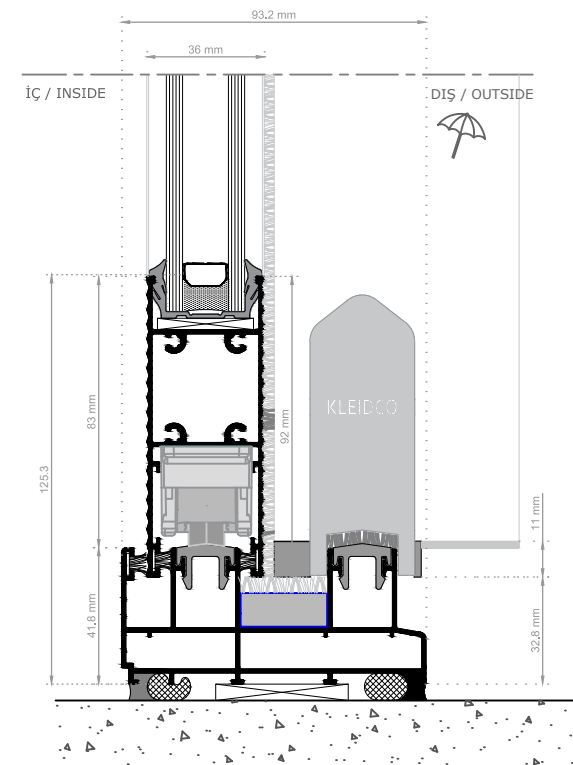
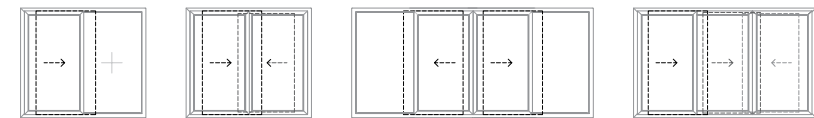


As Euro Groove, SNT91 can be used with all opening mechanisms with different brands. The system also enables multiple locking.

The system offers a panoramic view and allows maximum light inside the building, thanks to only 25 mm of visibility at the connect profile point.







INLINE SLIDING

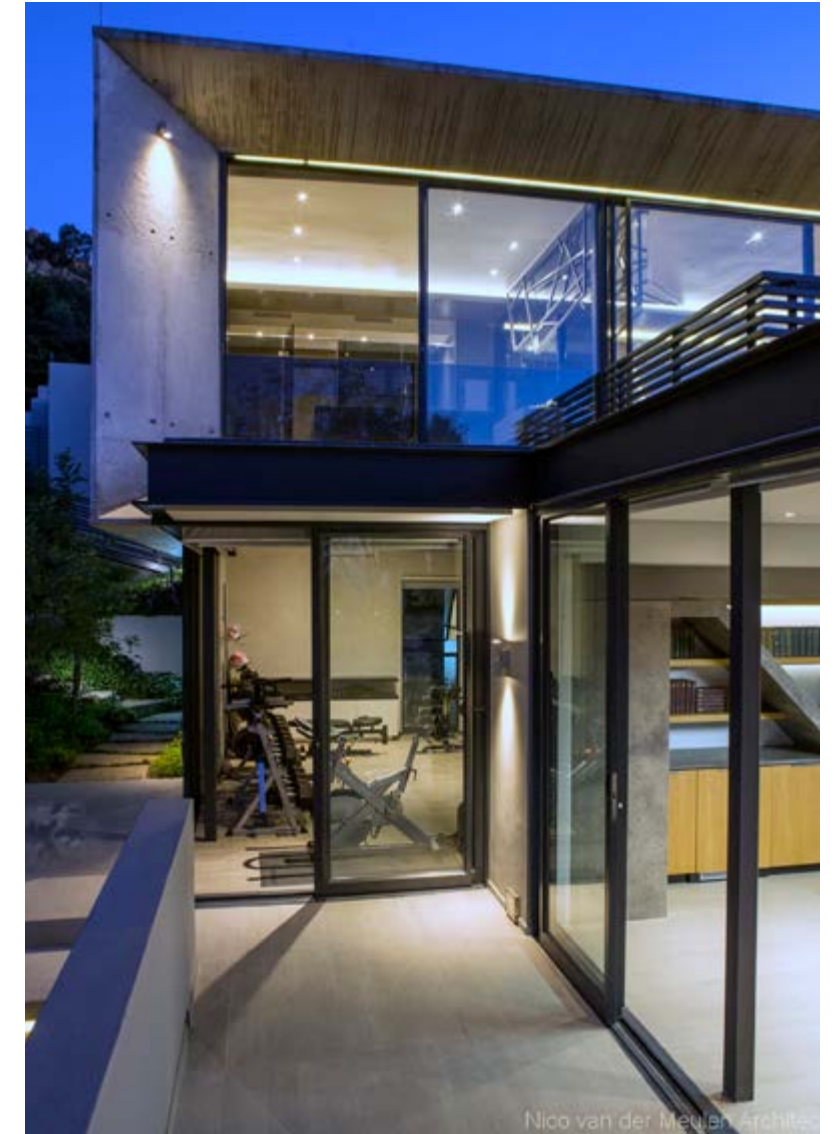


TECHNICAL PROPERTIES

System Frame Depth		93 mm
System Visible Height	Fixed	125 mm
	Vent	107 - 125 mm
System Sash Depth		36 mm
System Middle Section Depth		25 mm
System Middle Section Depth		18 mm
Max. Glazing Thickness		26 mm
Max. Sash Dimensions		2000 mm x 2700 mm
Max. Sash Weight		150 kg

PERFORMANCE VALUES

	TS EN 12207	Air Permability	NA
	TS EN 12208	Water Tightness	NA
	TS EN 12210	Wind Load Resistance	NA
	TS EN 12210	Safety Wind Load Resistance	NA





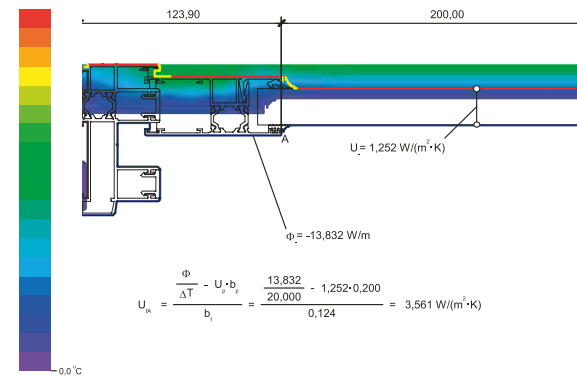
You don't have to compromise on elegance to get optimal thermal performance anymore.

The ST91 combines aesthetic design with high thermal performance, thanks to its structure with EPDM gaskets. The system can be adapted to variant climate conditions while having minimum profile dimensions.

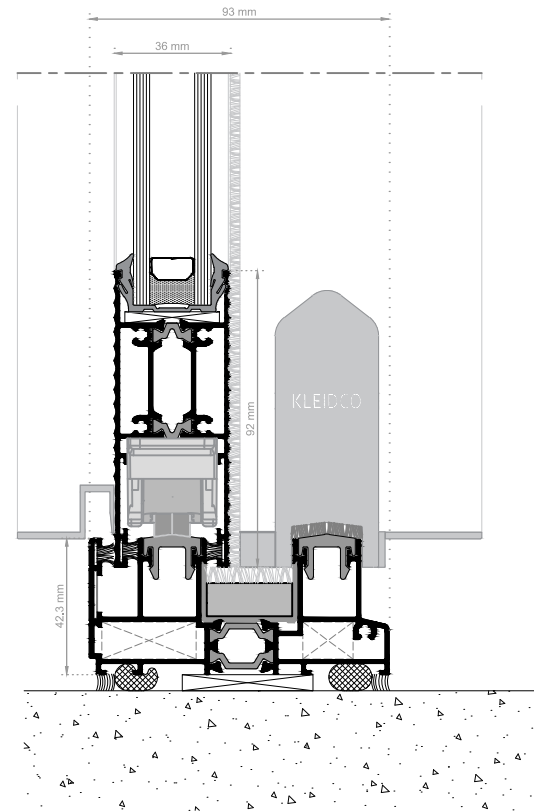
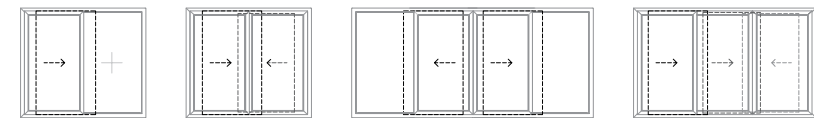


As Euro Groove, ST91 can be used with all opening mechanisms with different brands. The system also enables multiple locking.

The packed version is available for this system, which allows the sash to be hidden inside the wall, giving you wider view and more modern design.




INLINE SLIDING



TECHNICAL PROPERTIES

System frame depth		94 mm
System visible height	Fixed	44 mm
	Vent	74 mm
System sash depth		36 mm
System middle section depth		93 mm
Min. glazing thickness		20 mm
Max. glazing thickness		28 mm
Max. sash dimensions		2000 mm x 2700 mm
Max. sash weight		150 kg

PERFORMANCE VALUES

	TS EN 12207	Air Permability	NA
	TS EN 12208	Water Tightness	NA
	TS EN 12210	Wind Load Resistance	NA
	TS EN 12210	Safety Wind Load Resistance	NA
	EN 10.077-2	Thermal Insulation	Uw: 1,98 W/m².K



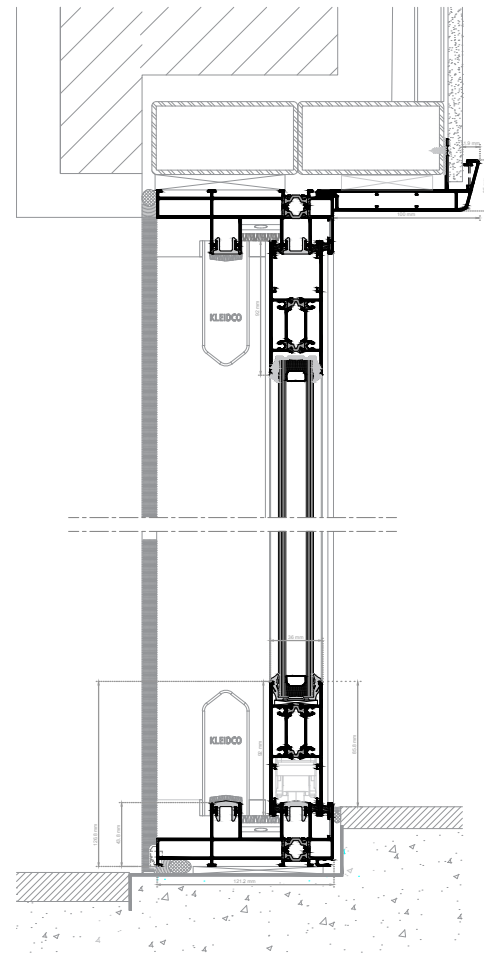
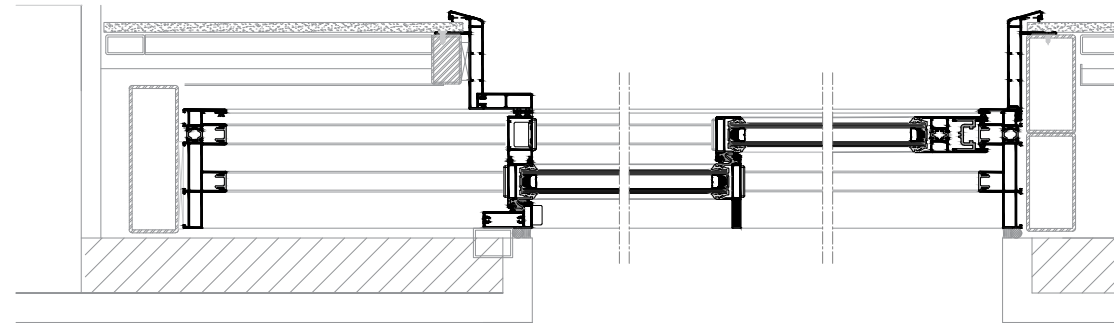


The ST91 Packed system combines great performance features with an attractive design. This system, which allows the sash to be concealed inside the wall, provides wider access and a more modern design. Thus, the sliding system can be used even for narrow spaces.

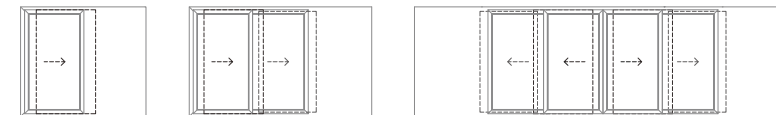
Profiles can be interconnected with 45 ° or 90 ° options. This system has two different glass mounting methods, the wing and the glass can be applied together at the same time or the glass can be mounted separately with the glass bead.



ST91 Packed provides thermal insulation with polyamide thermal barriers up to 20 mm. Thanks to its EPDM sealed structure, higher air permeability is achieved. The system allows application in different climates while having minimum profile dimensions. Depending on the architectural and functional requirements, different hardware and fly screens can be applied. Due to the decorated profile options, the system can be adapted to different architectural styles.







INLINE SLIDING



TECHNICAL PROPERTIES

System frame depth		221 mm
System visible height	Fixed	88 mm
System sash depth		45 mm
System middle section depth		113 mm
Min. glazing thickness		24 mm
Max. glazing thickness		24 mm
Thermal Break Thickness		18 - 24 mm

PERFORMANCE VALUES

	TS EN 12207	Max. glazing thickness	600 Pa
	TS EN 12208	Water Tightness	900 Pa
	TS EN 12210	Wind Load Resistance	B2 (800 Pa)
	TS EN 12210	Safety Wind Load Resistance	NA





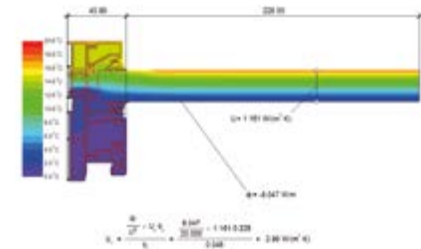
NOVA SLIDE system is a complete solution for projects that combines sliding and side opening sash options.

Its polished and modern design makes it the ideal option for projects requiring wide spans for enhanced daylight, outstanding performance and maximum ease of use.



NOVA SLIDE system allows energy savings thanks to the thermal performance features. With steel rail and bearings, sash carriage capacity is raised up to 300 kg. Additionally, there is an alternative option: NOVA ECO, with its high performance, proven through a series of tests, is perfectly suited for many types of applications, providing a modern, cost effective solution for the end user.

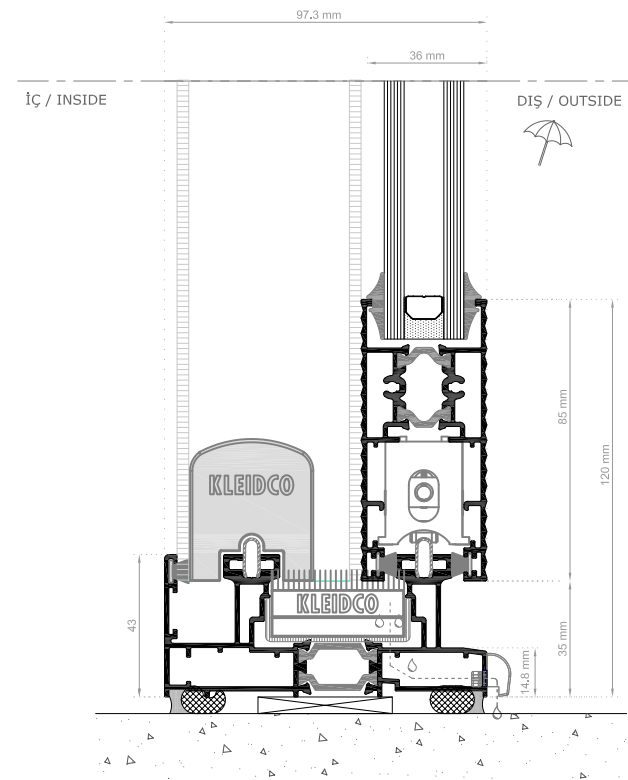
Both NOVA SLIDE and NOVA ECO versions enable multiple locking mechanism ensuring safety.



NOVA COLD



NOVA ECO



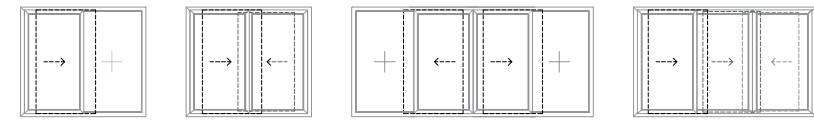
TECHNICAL PROPERTIES

System Frame Depth		108 mm
System Visible Width	Fixed	43 mm
	Vent	125 mm
System Sash Depth		38 mm
System Middle Section Depth		108 mm
Min. Glazing Thickness		20 mm
Max. Glazing Thickness		28 mm
Min. Sash Dimensions		700 mm x 1200 mm
Max. Sash Dimensions		3000 mm x 3000 mm
Thermal Break Thickness		18 - 24 mm
Max. Sash Weight		300 kg

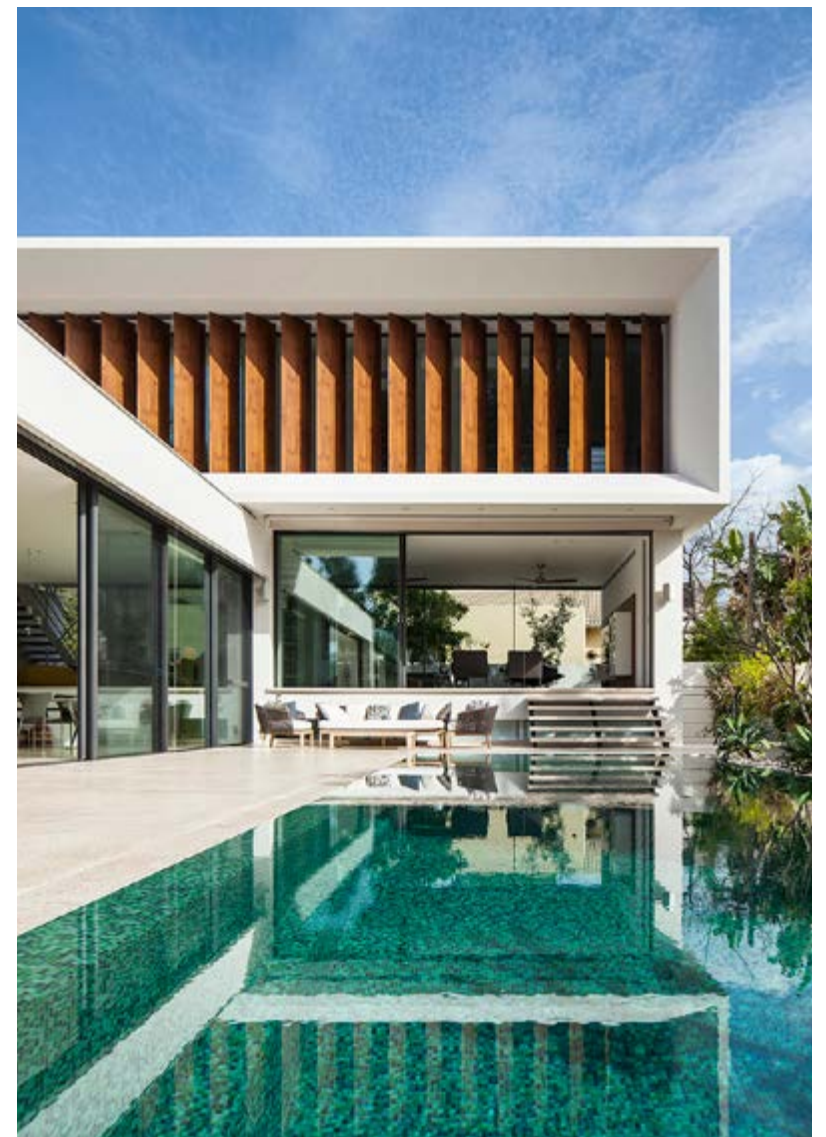
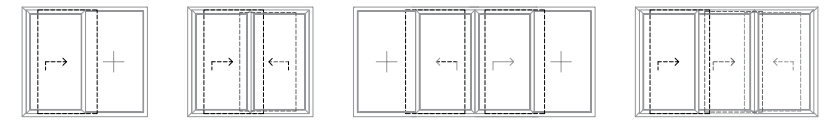
PERFORMANCE VALUES

	TS EN 12207	Air Permability	Class 4
	TS EN 12208	Water Tightness	E 900 - 900 Pa
	TS EN 12210	Wind Load Resistance	B2 (800 Pa)
	EN 10.077-2	Thermal Insulation	Uw: 1,44 W/m².K

INLINE SLIDING



LIFT - SLIDE SLIDING





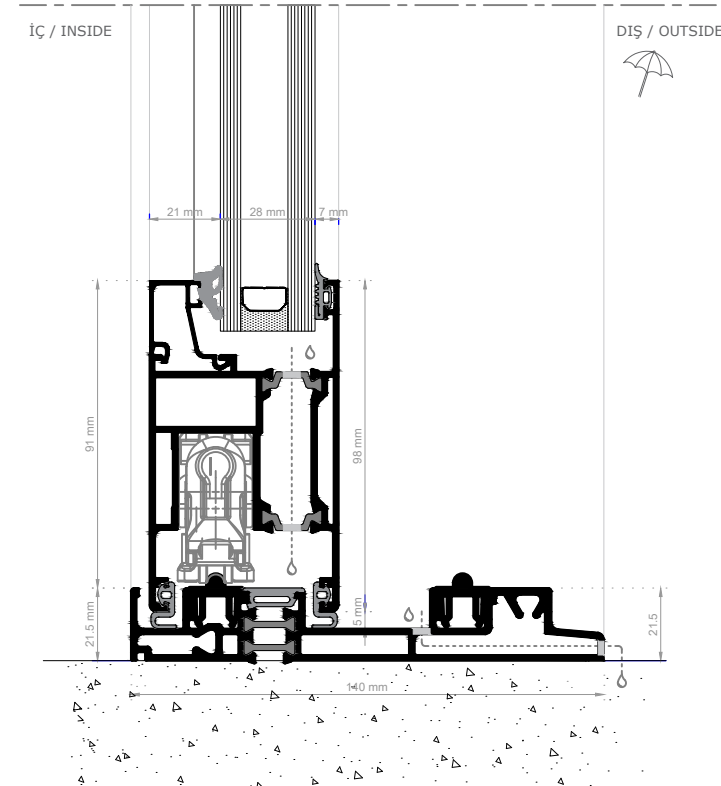
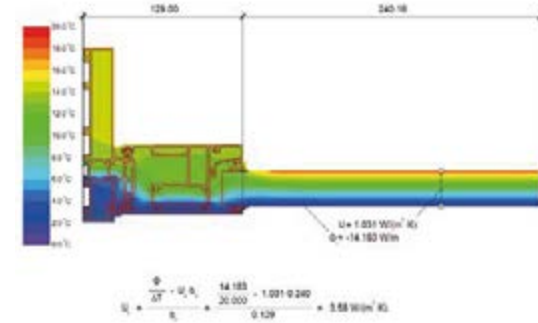
With a low-threshold Frame profile of only 21.5 mm height, users are provided with the opportunity to move on the ground easily.

The system allows the use of glass up to 46mm in the frame and 40mm in width on the sash.



The system, which can be collected with a 90-degree cut, provides a minimum profile view with only 25 mm frame profile, and is also one of the successful Lift & Slide systems in the market.

The Unique Slide sliding system, designed with the principle of providing minimum profile usage and easy manufacturing and assembly possibilities, maintains its distinctive place among the industry rivals with its innovations. With its 50 mm visible width alternative profiles, narrow clamp option is provided, which provides maximum panoramic view to the users. It offers superior thermal performance thanks to its 18 mm polyamide barrier structure and EPDM gasket. With its universal channel structure, it is in harmony with the opening accessories of different brands and types. The system allows multi-point locking.

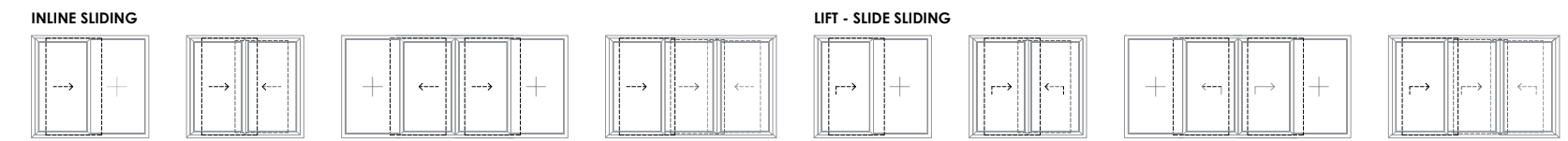


TECHNICAL PROPERTIES

System Frame Depth		140 mm
System Visible Width	Fixed	25 mm
	Vent	98 mm
System Sash Depth		56 mm
System Middle Section Depth		129 mm
Min. Glazing Thickness		10 mm
Max. Glazing Thickness		40 mm
Min. Sash Dimensions		800 mm x 1900 mm
Max. Sash Dimensions		2600 mm x 3000 mm
Thermal Break Thickness		15 - 18 mm
Max. Sash Weight		400 kg

PERFORMANCE VALUES

	TS EN 12207	Air Permability	NA
	TS EN 12208	Water Tightness	NA
	TS EN 12210	Wind Load Resistance	NA
	EN 10.077-2	Thermal Insulation	Uw: 1,44 W/m2.K





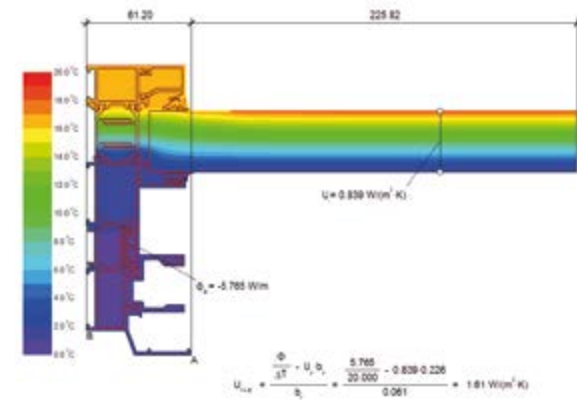
This system is a fusion between a sliding system and a window system, combining efficiency and aesthetics at the same time.

Providing the advantage of area saving specialty of a sliding system and high-performance features of a window.

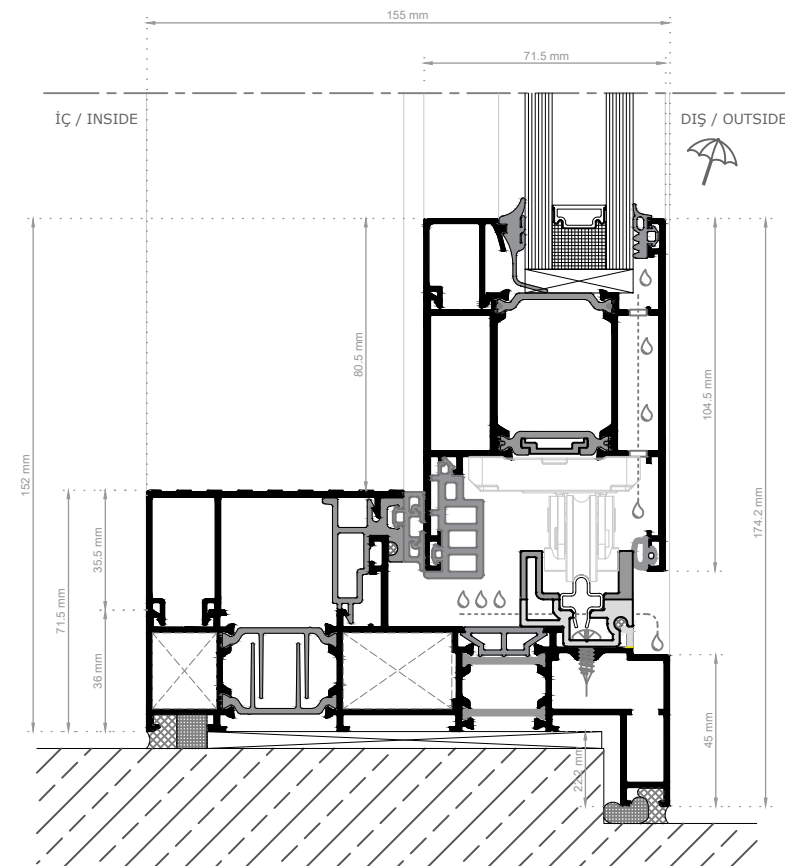
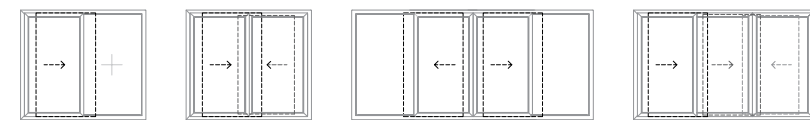


The outstanding values on air permeability, high water tightness and resistance to wind load, makes this Smart Slide, the ideal system to be used in high-rise buildings.

SMART SLIDE has the best water tightness test result up to E1500 / 1500 Pa on the tests made in – accredited test laboratories within European Norms, by the help of its structural design with EPDM gaskets. Additionally, the system enables multiple locking mechanism.



INLINE SLIDING



TECHNICAL PROPERTIES

System Frame Depth		155 mm
System Visible Width	Fixed	80 mm
	Vent	105 mm
System Sash Depth		72 mm
System Middle Section Depth		154 mm
Min. Glazing Thickness		18 mm
Max. Glazing Thickness		52 mm
Min. Sash Dimensions		500 mm x 1200 mm
Max. Sash Dimensions		1500 mm x 2500 mm
Thermal Break Thickness		25 - 34 mm
Max. Sash Weight		250 kg

PERFORMANCE VALUES

	TS EN 12207	Air Permeability	Class 4 - 600 Pa
	TS EN 12208	Water Tightness	E 1500 - 1500 Pa
	TS EN 12210	Wind Load Resistance	C5 (2000 Pa)
	TS EN 12210	Safety Wind Load Resis.	3000 Pa
	EN 10.077-2	Thermal Insulation	Uw: 1,07 W/m².K



FACADE SYSTEMS



FS 50

K - CLAPPED / V - SEMI CLAPPED / S - STRUCTURAL



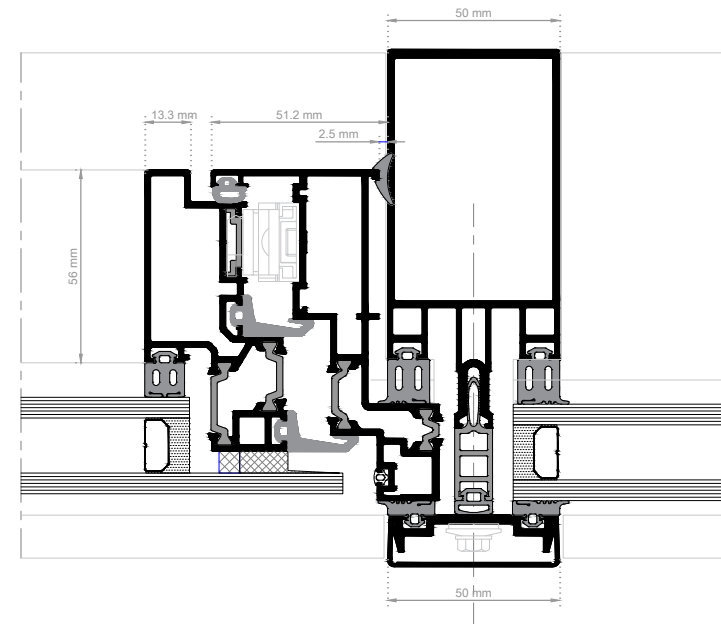
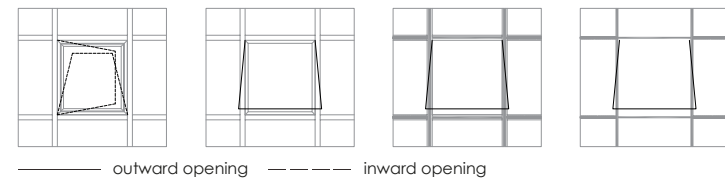
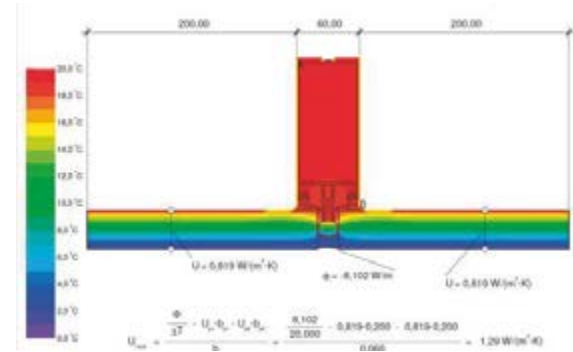
FS 50 is highly engineered to meet the demands of contemporary building construction and architecture.

FS 50 is a multi-functional system that can be used alongside other KLEIDCO systems, providing a complete facade solution for various project requirements.



The KLEIDCO Curtain wall system FS 50 offers a high degree of flexibility and allows maximum transparency with attractive design options for façades areas. KLEIDCO also provides optimized fabrication and supervision for installation processes.

FS 50 façade system meets all requirements of distinctive architecture. With regard to the energy saving feature, KLEIDCO systems have Guaranteed performance quality in terms of air permeability, water tightness and wind pressure as well as the U_w .

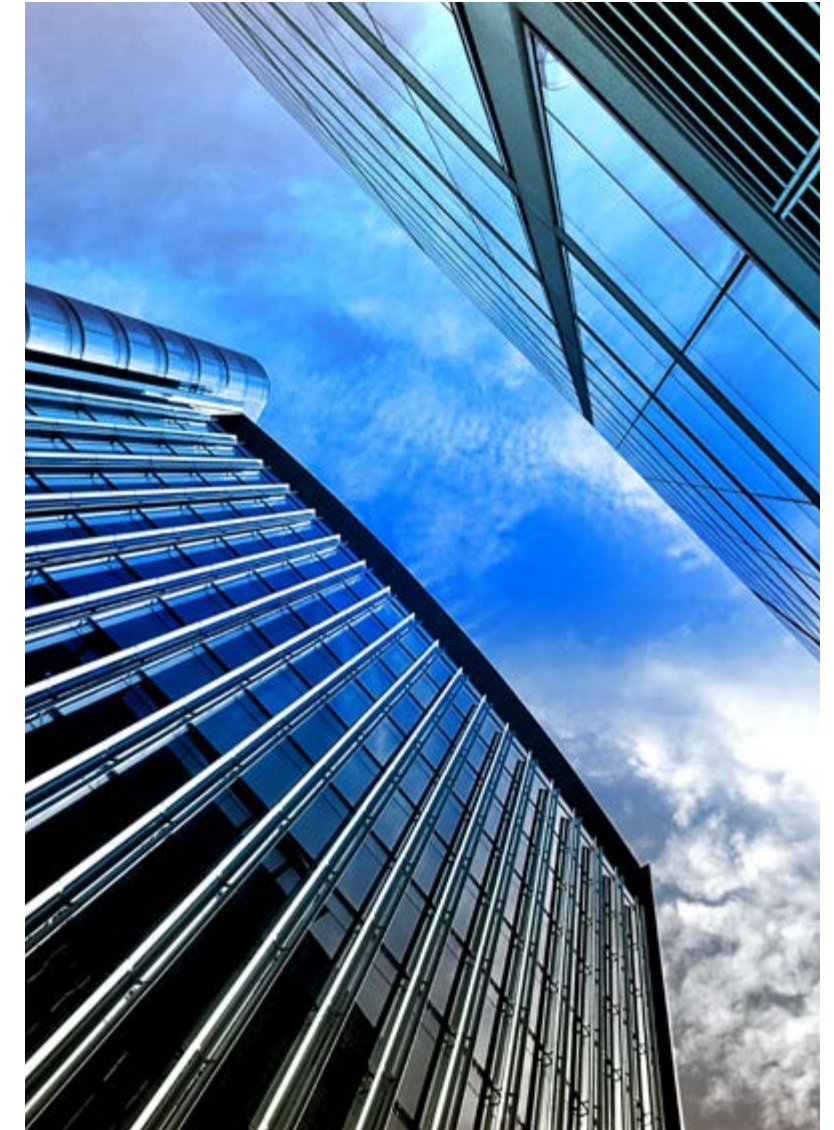


TECHNICAL PROPERTIES

System Visible Width		50 mm
Mullion Depth		18 mm - 240 mm
Mullion Inertia	lx	8,39 cm ⁴ - 1.444,02 cm ⁴
	ly	4,65 cm ⁴ - 78,1 cm ⁴
Transom Depth		23 mm - 245 mm
Transom Inertia	lx	8,94 cm ⁴ - 1.226,55 cm ⁴
	ly	4,06 cm ⁴ - 82,38 cm ⁴
Min. Glazing Thickness		6 mm
Max. Glazing Thickness		42 mm
Min. Opening Dimensions		650 mm x 1200 mm
Max. Opening Dimensions		1800 mm x 2000 mm
Max. Opening Weight		130 kg

PERFORMANCE VALUES

	TS EN 12152	Air Permability	A4 - 600 Pa
	TS EN 12154	Water Tightness	RE 750 - 750 Pa
	TS EN 13830	Wind Load Resistance	1600 Pa
	TS EN 13830	Safety Wind Load Resis.	2400 Pa
	TS EN 14019	Impact Resistance	E5 - 475 Joule
	EN 10.077-2	Thermal Insulation	U_w : 0,74 W/m ² .K



FS 60

K - CLAPPED / V - SEMI CLAPPED / S - STRUCTURAL



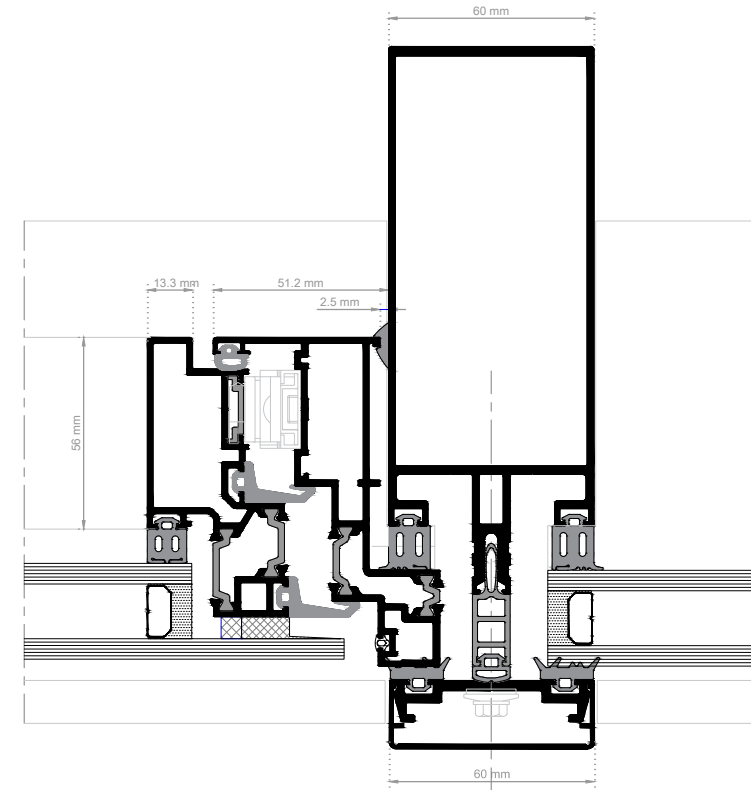
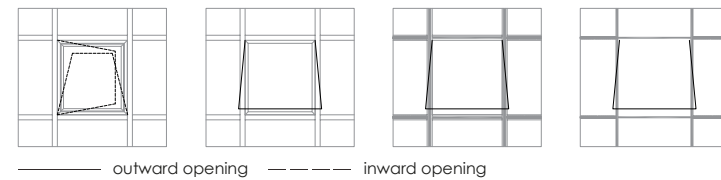
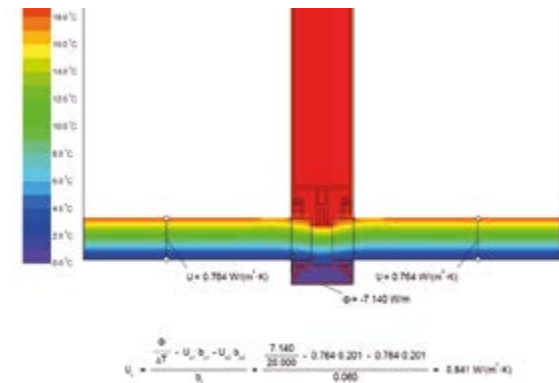
FS 60, a curtain wall system with higher seismic performance that provides high flexibility and strength to distinctive buildings and meets the requirements of modern building construction and architecture.

FS 60 is one of KLEIDCO systems, providing a whole package façade solution for project's demands.



The KLEIDCO Façade system FS 60 offers a high degree of flexibility allows attractive design options for façades.

With regard to the structural performance, KLEIDCO systems ensures high performance values in terms of air permeability, water tightness and wind pressure as well as the Uf.

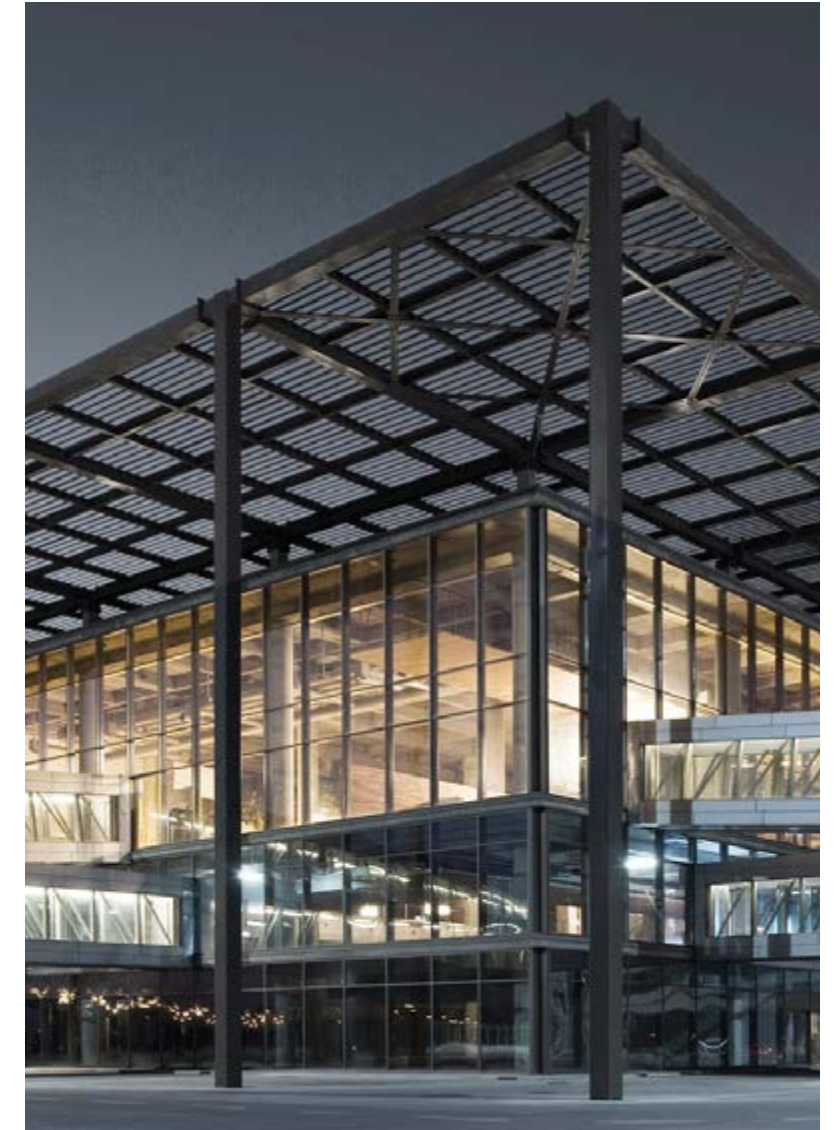


TECHNICAL PROPERTIES

System Visible Width		60 mm
Mullion Depth		60 mm - 175 mm
Mullion Inertia	lx	52,3 cm ⁴ - 751,77 cm ⁴
	ly	31,58 cm ⁴ - 86,90 cm ⁴
Transom Depth		65 mm - 180 mm
Transom Inertia	lx	50,46 cm ⁴ - 520,92 cm ⁴
	ly	29,98 cm ⁴ - 68,69 cm ⁴
Min. Glazing Thickness		6 mm
Max. Glazing Thickness		42 mm
Min. Opening Dimensions		650 mm x 1200 mm
Max. Opening Dimensions		1800 mm x 2000 mm
Max. Opening Weight		130 kg

PERFORMANCE VALUES

	TS EN 12152	Air Permability	A4 - 600 Pa
	TS EN 12154	Water Tightness	RE 750 - 750 Pa
	TS EN 13830	Wind Load Resistance	960 Pa
	TS EN 13830	Safety Wind Load Resis.	1440 Pa
	TS EN 14019	Impact Resistance	E5 - 475 Joule
	EN 10.077-2	Thermal Insulation	Uw: 0,70 W/m2.K



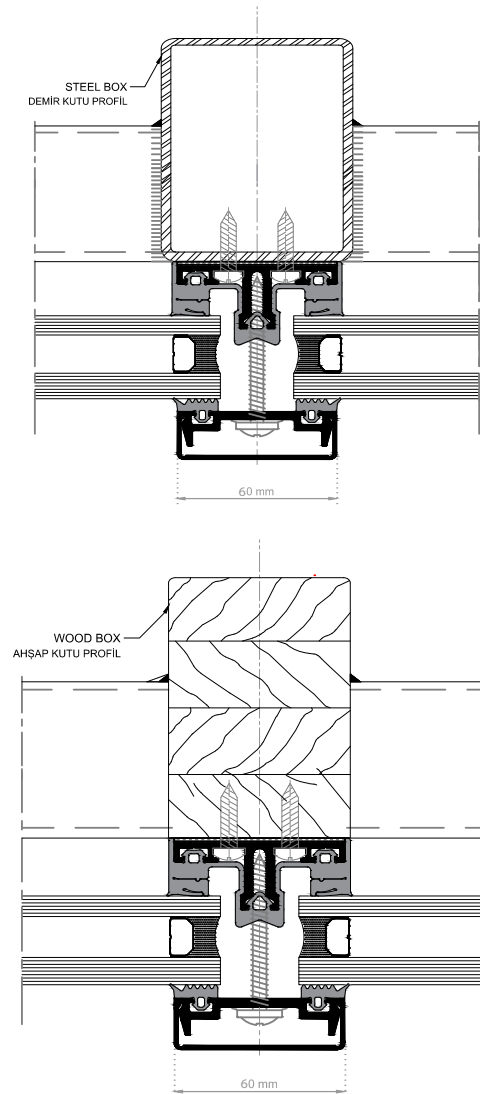
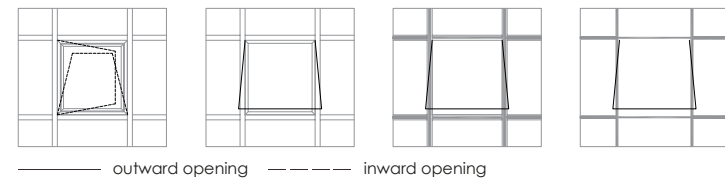
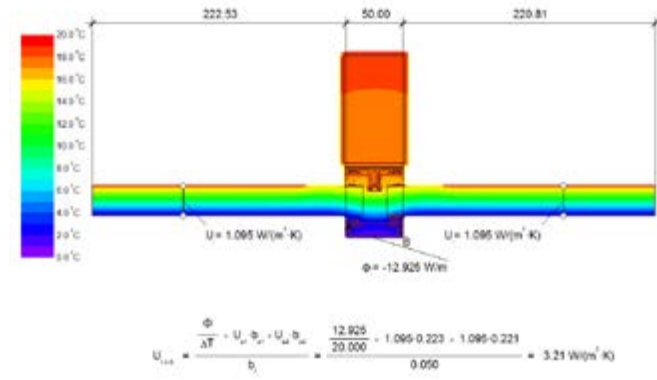


Steel or wooden sub-construction can be used with the FS 60 Add-on system, as well as providing a complete façade solution for challenging architectural projects by offering larger transparent areas.

The FS 60 Add-on system provides aesthetic and structural advantages for the design of facades in buildings and offers a unique appearance for facades.



FS 60 Add-on facade system meets all different architectural requirements in terms of performance characteristics and design advantages. The KLEIDCO FS 60 Add-on system also allows the use of different substructure materials to achieve the desired strength against external loads.

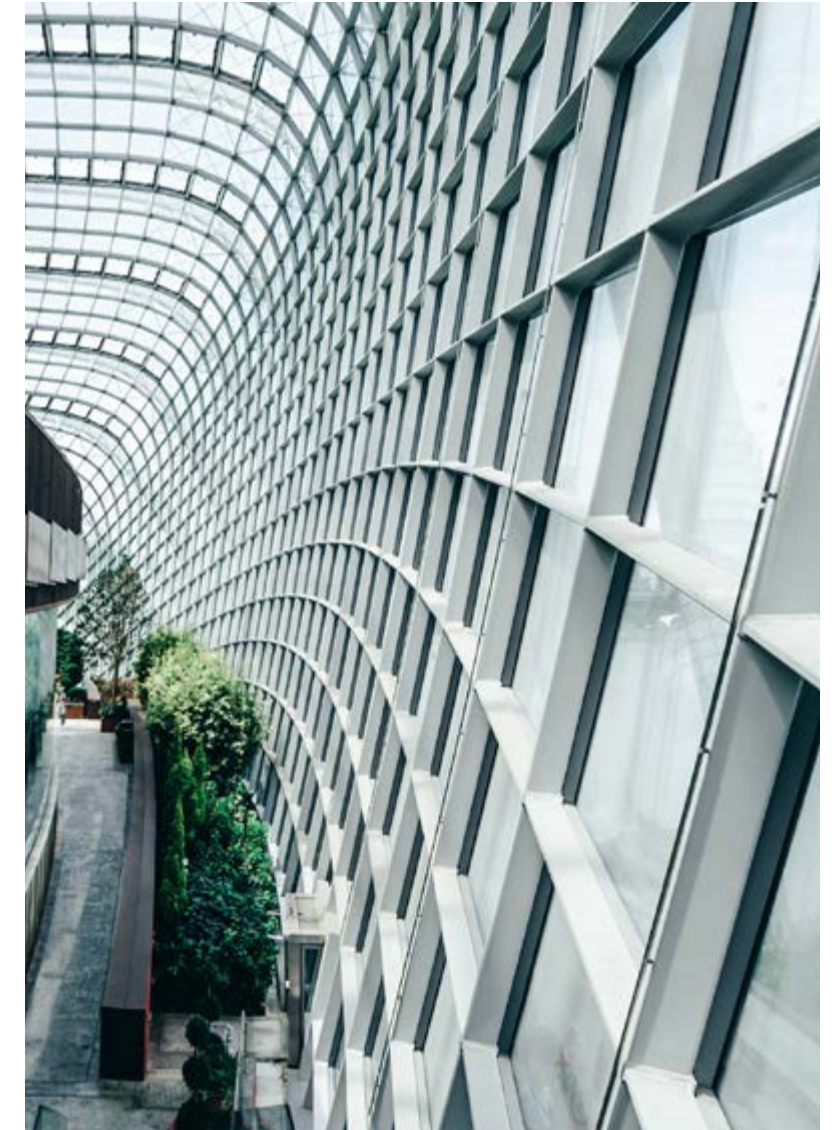


TECHNICAL PROPERTIES

System Visible Width	60 mm
Mullion Depth	7 mm
Transom Depth	7 mm
Min. Glazing Thickness	35 mm
Max. Glazing Thickness	39 mm

PERFORMANCE VALUES

	TS EN 12152	Air Permability	NA
	TS EN 12154	Water Tightness	NA
	TS EN 13830	Wind Load Resistance	NA
	TS EN 13830	Safety Wind Load Resistance	NA



USG 80

K - CLAPPED / V - SEMI CLAPPED / S - STRUCTURAL



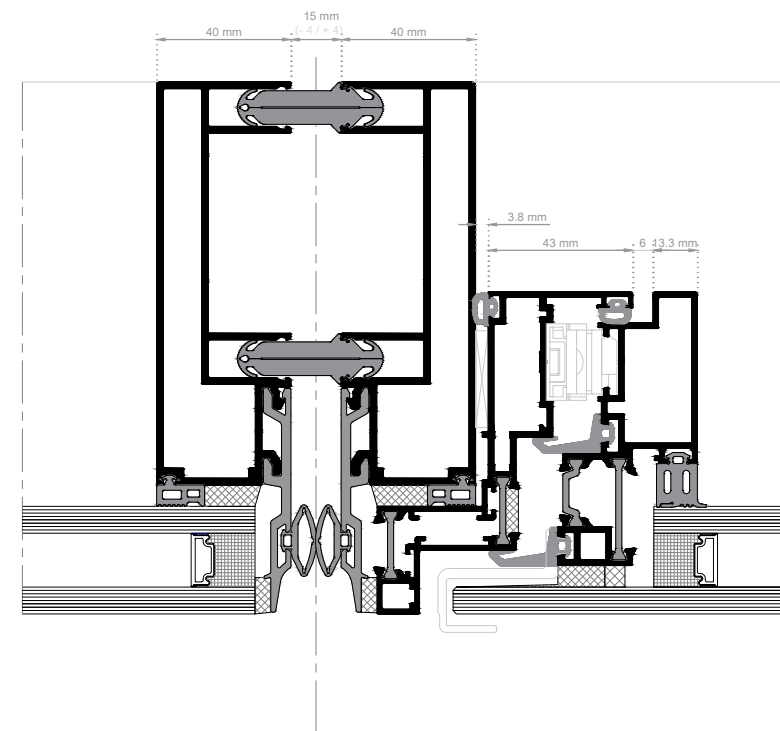
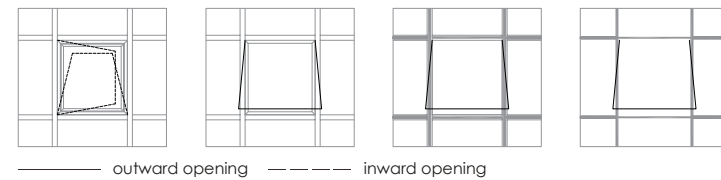
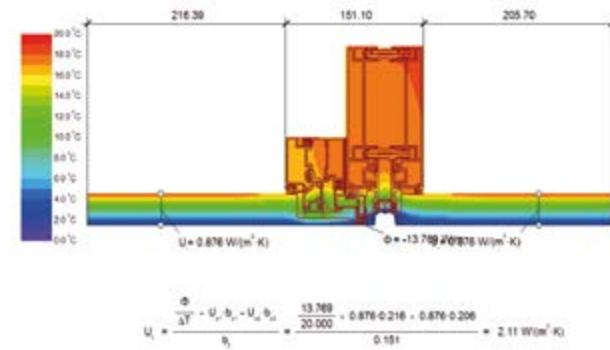
USG 80 is an innovative facade system, which is specifically adapted to high-rise buildings.

—
This system is completely fabricated in plant and it can be installed on site in a shorter time without scaffold.



With high performance features and anti-seismic properties, USG 80 unitized facade system is customized & designed on the project basis. For this system, all the fabrication, including the glass, is made in plant with high quality labor. The installation is easily made without scaffold. 3 layered gasket structure between the modules, provides tolerance gap on seismic moves and also, high performance features.

Structural Glazing & Two Side & With Cap alternatives in standard curtain wall systems are also available in unitized facade systems. All kinds of sash openings, such as; parallel and standard sash openings, reverse vasistas openings are available in unitized facade system.



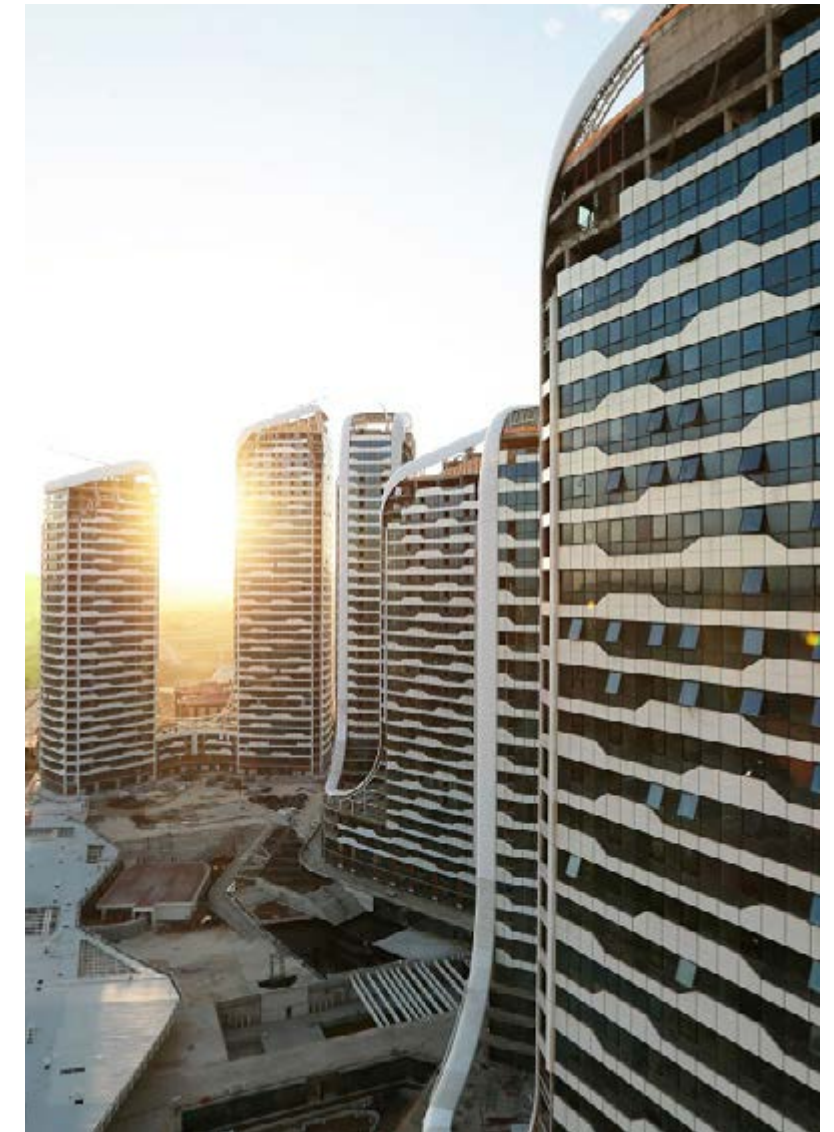
TECHNICAL PROPERTIES

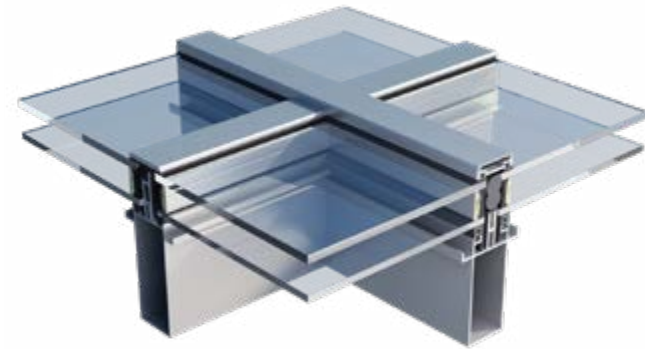
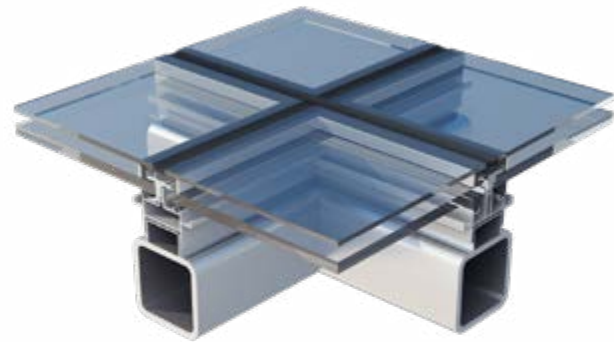
System Visible Width		83 mm
Mullion Depth		160 mm
Split Profile Moment Of Inertia	lx	315,45 cm ⁴
	ly	11,61 cm ⁴
Split Profile Depth		160 mm
Glazing Thickness	lx	34 mm

* All the above information are for standard design. Based on projects requirements, the mentioned values may differ.

PERFORMANCE VALUES

	TS EN 12152	Air Permability	AE
	TS EN 12154	Water Tightness	RE 900 - 900 Pa
	TS EN 13116	Wind Load Resistance	3000 Pa
	EN 10.077-2	Thermal Insulation	Uw: 0,89 W/m ² .K





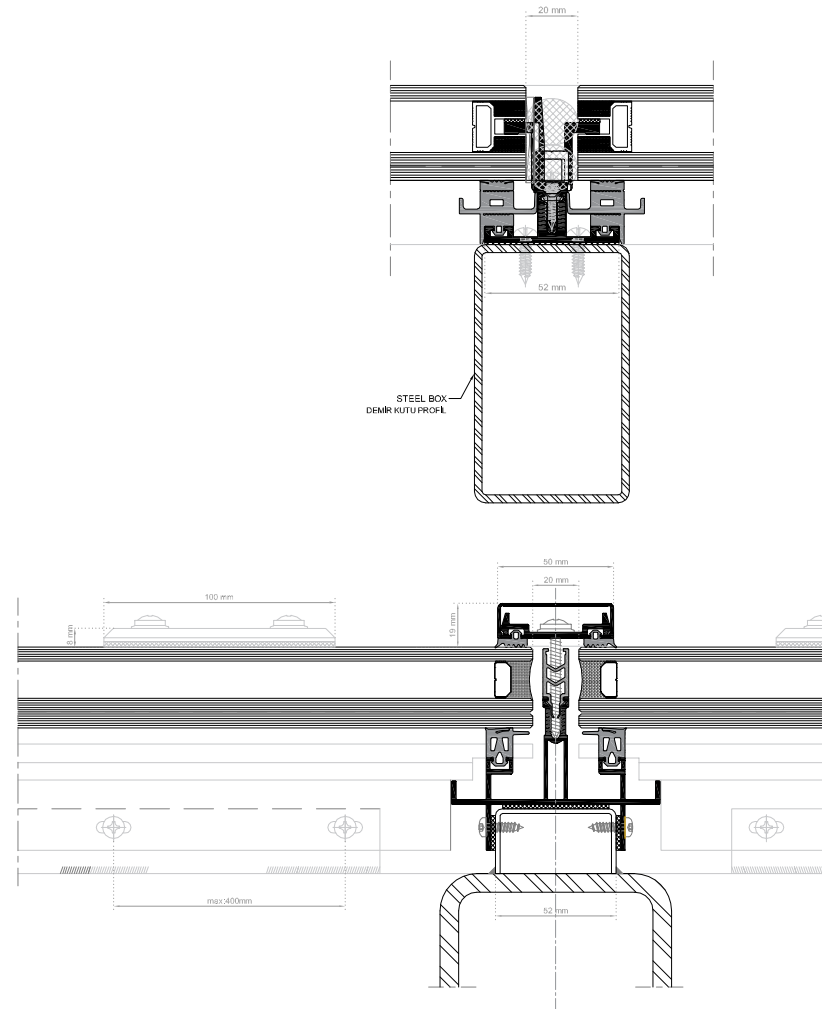
The KLEIDCO Skylight system is designed for ceiling mounting, provides access to maximum daylight and can also be used as ventilation covers.

The skylight system consists of condensation channels that provide snow or water drainage and supporting aluminum profiles applied to the steel substructure for strength.



The KLEIDCO Skylight system is connected to other KLEIDCO facade solutions and is equipped with an effective drainage-ventilation system.





In addition, this system is designed to enable complex architectural projects to be implemented due to the availability of steel connections. KLEIDCO Skylight solutions come in two types: SKY52 - 90. According to architectural demands, this system can be chosen as silicone, semi-capped or capped.



TECHNICAL PROPERTIES

	SKY 52	SKY 90
System Visible Width	52 mm	90 mm
Min. Glazing Thickness	6 mm	6 mm
Max. Glazing Thickness	42 mm	42 mm

PERFORMANCE VALUES

 TS EN 12152	Air Permability	NA
 TS EN 12154	Water Tightness	NA
 TS EN 13830	Wind Load Resistance	NA
 TS EN 13830	Safety Wind Load Resistance	NA



OTHER SYSTEMS

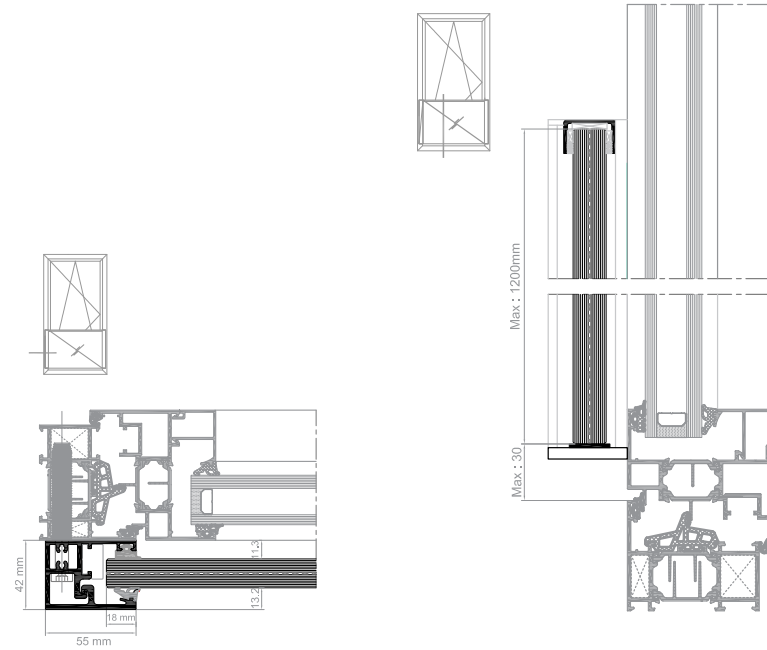


STATU PLUS - MANİSA

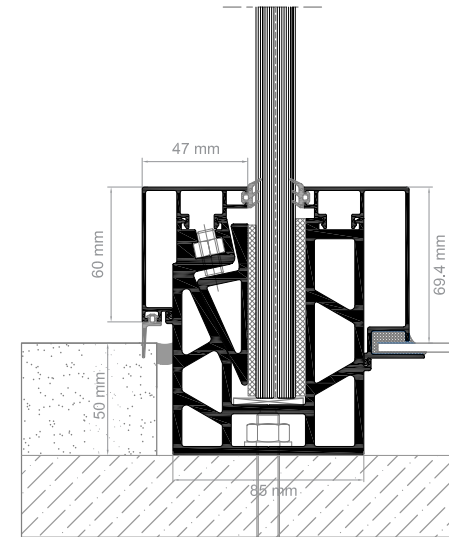
MT 42



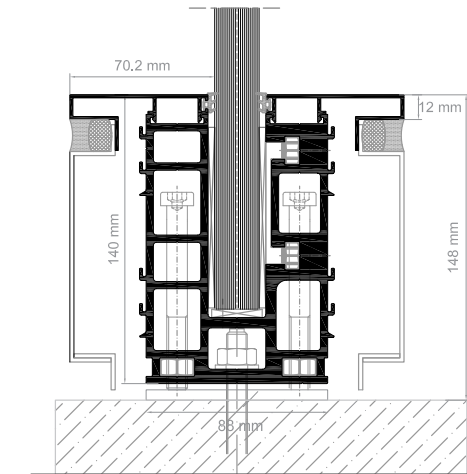
Balcony and terrace railings gain a more transparent appearance with specially designed aluminum systems which is developed depending on the project requirements and take an important visual element in buildings. In particular, railing systems are designed by combining aluminum door-window, sliding, facade systems and siding systems. It can be mounted on the floor surface as well as on aluminum systems. Designed to provide users with a more transparent visual space, railings stand out with their strength and security elements.



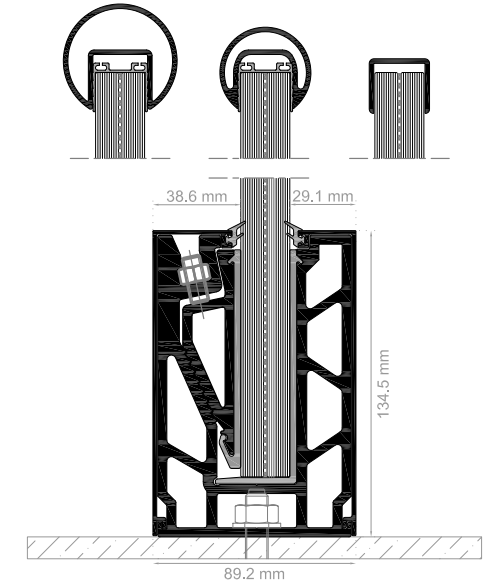
MT 85



MT 88

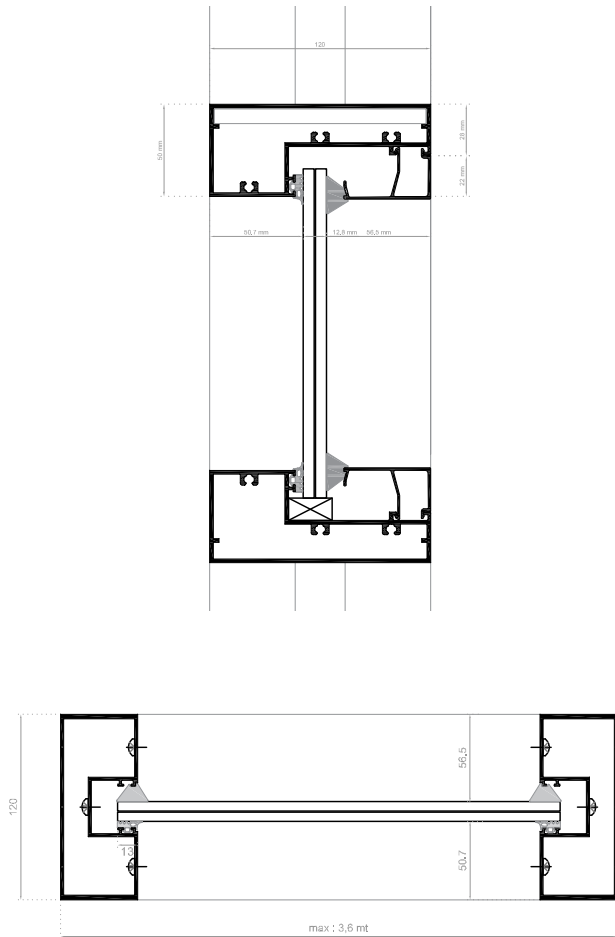


MT 89

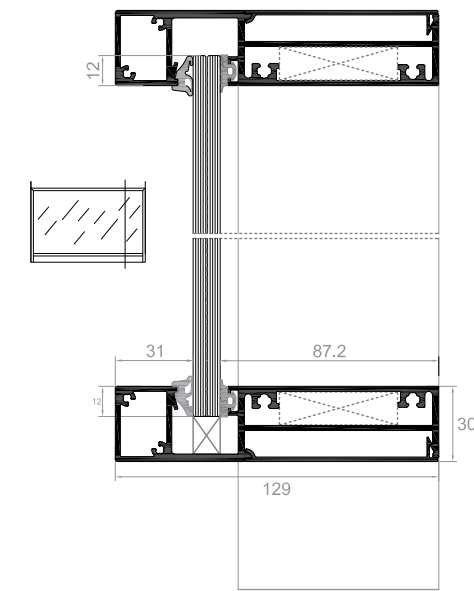


OTHER SYSTEMS

MT 120



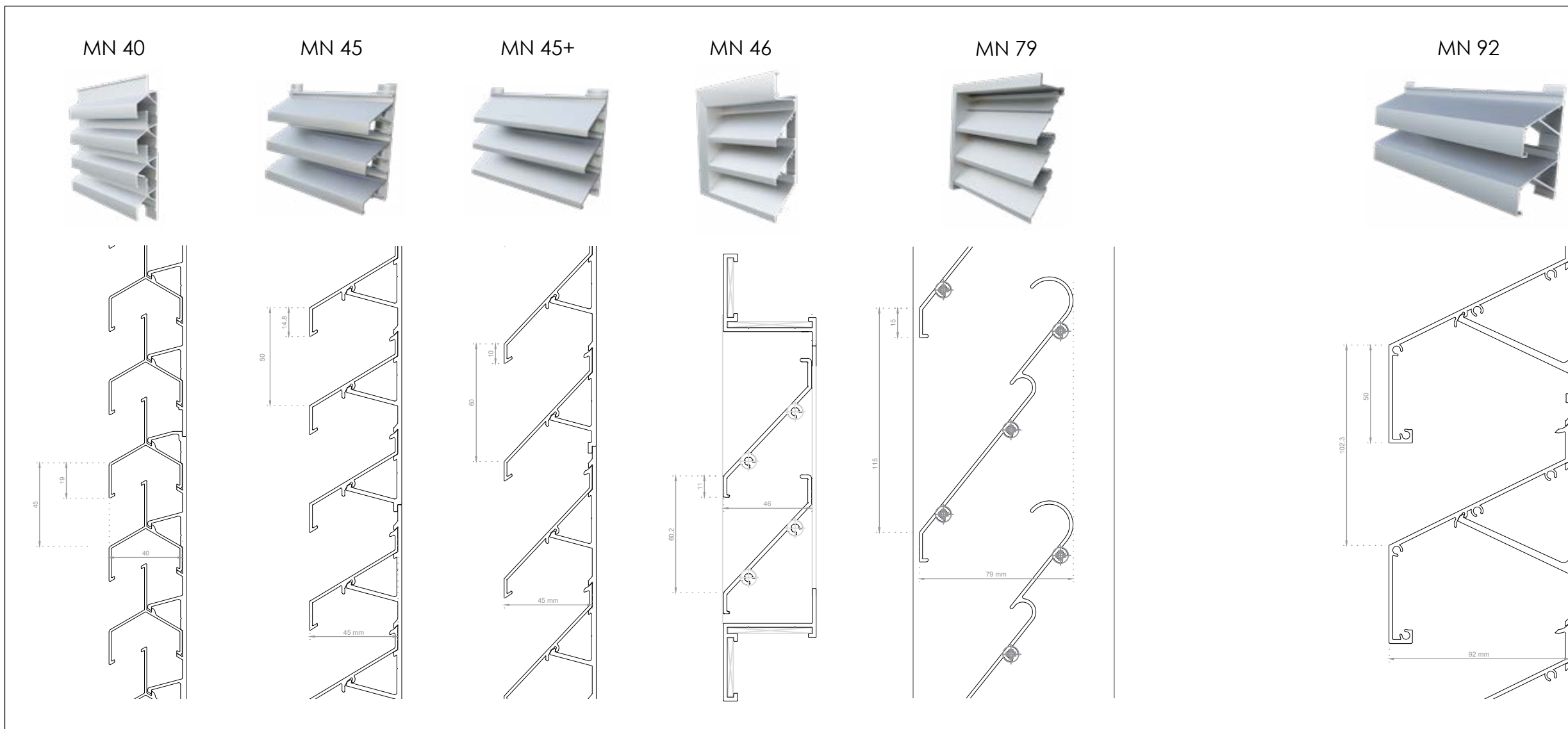
MT 129



Among the railing systems, MT120 and MT129 are specially developed for projects. Railing systems connected to the main facade structure in areas such as balconies and terraces give the users an aesthetic appearance in their projects. Systems that allow use in different glass combinations also differ from conventional railing systems with their high resistance to heavy loads.

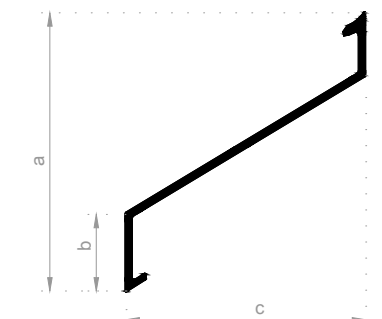
LOUVER SYSTEMS

MN 40 / MN 45 / MN 45+ / MN 46 / MN 79 / MN 92



Louver Systems EN Test Norm;

- EN 1017
- EN 12211
- EN 12153
- EN 12155
- EN 12179



	a	b	c
MN 40	45 mm	19 mm	40 mm
MN 45	50 mm	14,8 mm	45 mm
MN 45+	60 mm	10 mm	45 mm
MN 46	71,6 mm	11 mm	46 mm
MN 79	115 mm	15 mm	79 mm
MN 92	102,3 mm	50 mm	92 mm

Louver systems are one of the most ideal air conditioning systems designed to provide the ventilation needed in buildings. They are used both for expulsion of indoor air and for fresh air intake from outside, depending on the area of use. Thanks to the shape and dimensions of the lamella profiles used in the louver systems, the intensity and amount of the air to enter are determined and the desired amount of ventilation is made.

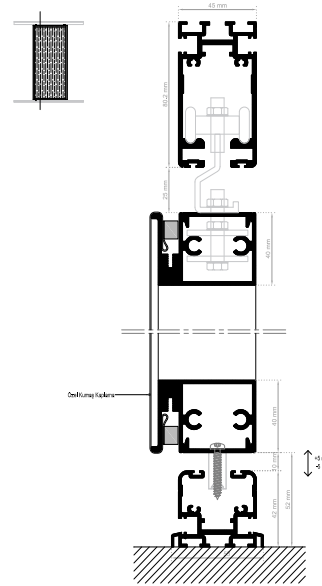
OTHER SYSTEMS

SHUTTER

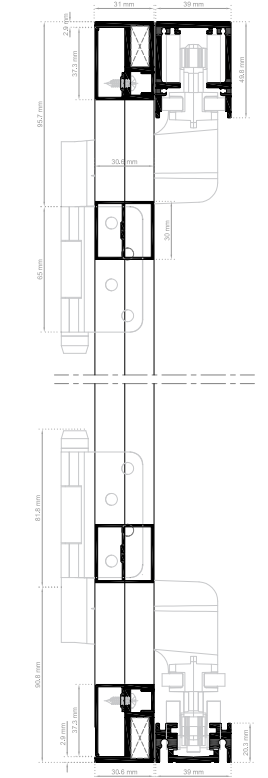
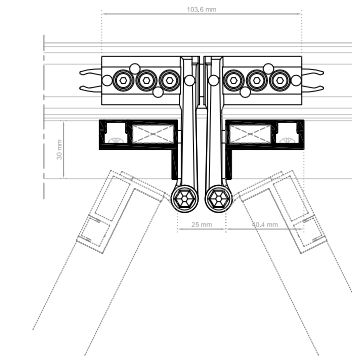
PARALLEL SHUTTER

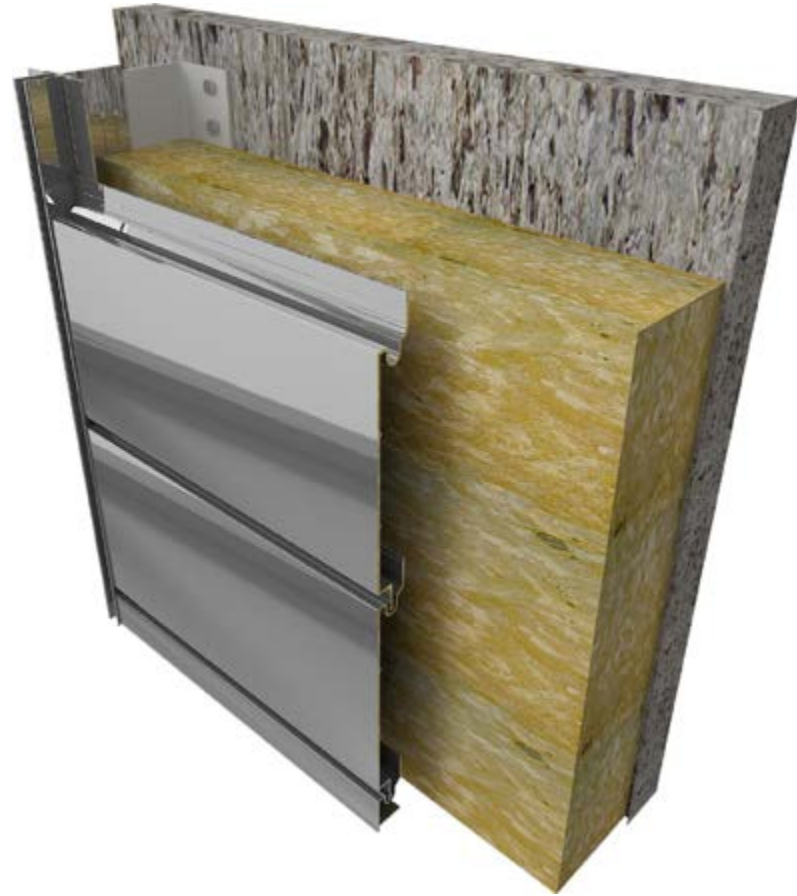


It is a system that works by sliding in a way that moves parallel to the exterior. The system can be fixed at a certain point if desired. Thanks to special bearings moving inside the upper frame, the sashes work with the principle of top suspension. There are different rail options in the lower case. By increasing the number of lower and upper rails, more than one sash can be slid in parallel to overlap. The shutter profiles inside the sash can be made in the form of boxes, almonds if desired, or can be applied as fabric or other filling materials like perforated sheet plates. In case the louver profiles are aluminum, they can be painted in the desired RAL color, anodized or painted in special effects such as wooden patterns. There are also many options available in fabric versions.

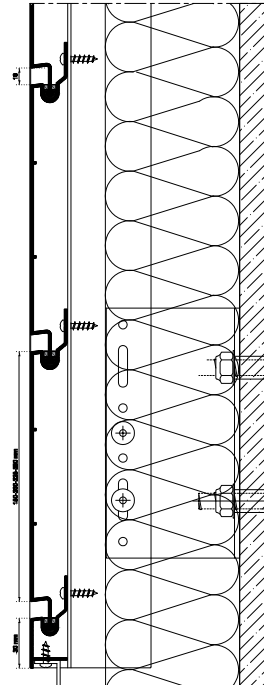


FOLDING SHUTTER





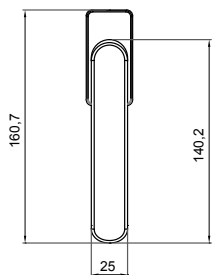
It is a facade coating system consisting of extruded Aluminum profiles. It can be used in spandrel, parapet and facade areas of all kinds of buildings, both interior and exterior applications. They are very stylish and luxurious aluminum profiles that can be produced with anodized or electrostatic paint in accordance with Qualicoat and Qualanod specifications. Aluminum Siding System profiles have their own lower aluminum construction details. It can be used with all kinds of thermal insulation boards (EPS, XPS, Rock wool, Glass wool).



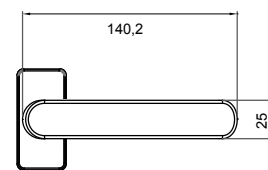
New generation handles designed by KLEIDCO add value to projects with their ergonomic design. It offers a similar appearance with door handles, window handles, sliding system handles and handles used in facade sash and the same aesthetic appearance can be given in the same space. They can be used in all systems within the KLEIDCO series.

Thanks to its robust structure, high quality material and surface treatments resistant to external factors, it can be used for many years without maintenance. It can be painted in any of the hundreds of RAL colors that can be requested for projects.

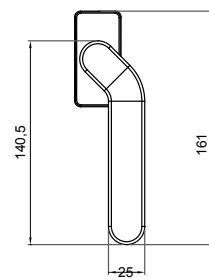
WINDOW



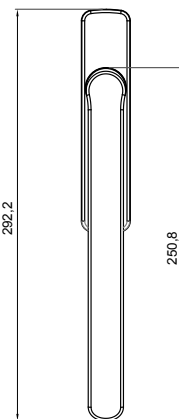
DOOR



FACADE



SLIDING



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