

LESS FRAME. ENDLESS VIEW.

minimal
ULTRA MINIMAL FRAMES

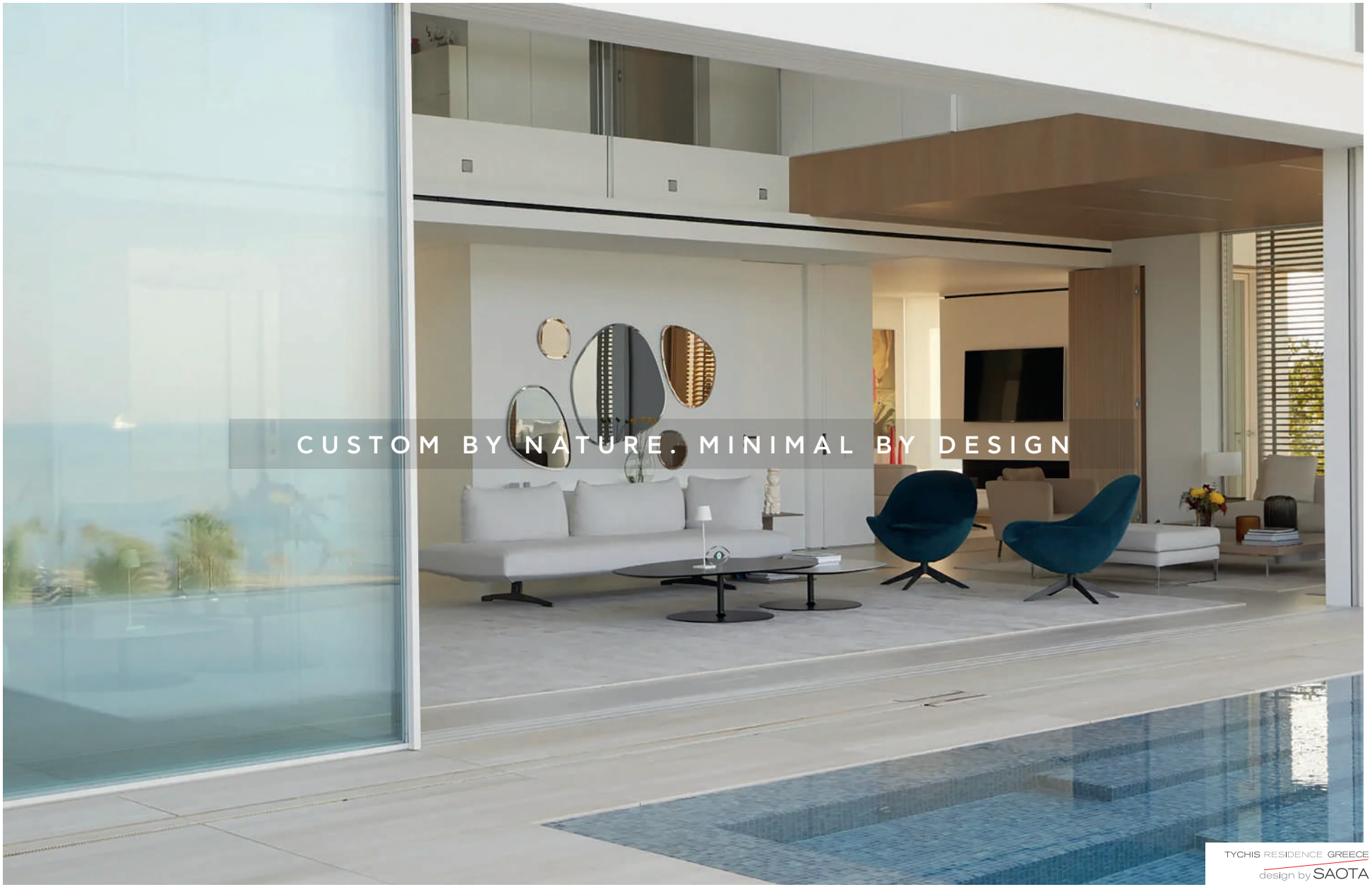
u-minimal.com


FREEDOM TO DESIGN. PRECISION TO DELIVER
TYCHIS RESIDENCE GREECE
design by SAOTA


BLURRING THE BOUNDARIES BETWEEN HOME AND HORIZON
TYCHIS RESIDENCE GREECE
design by SAOTA



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design by SAOTA



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design by SAOTA



KATSIKAS RESIDENCE | EUROPE

MINIMAL BY DESIGN. ENGINEERED FOR PERFORMANCE.

U-minimal designs, develops, and manufactures high-performance minimalist aluminum architectural systems that redefine the connection between indoor and outdoor spaces. Combining advanced engineering, precision manufacturing, and contemporary aesthetics, the company delivers innovative solutions for demanding architectural projects across Europe and the United States.

With a focus on expansive glazing, slim profiles, and uninterrupted views, **U-minimal** systems maximize natural light and visual transparency without compromising structural strength, thermal insulation, or functionality. Its versatile product portfolio includes sliding, pocket, corner, fixed, guillotine, and invisible systems, offering exceptional design flexibility for modern residential and commercial applications.

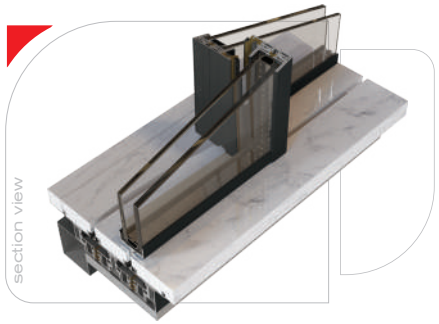
Driven by continuous research and development, **U-minimal** integrates advanced manufacturing technologies, durable materials, and energy-efficient solutions to meet rigorous international performance standards.

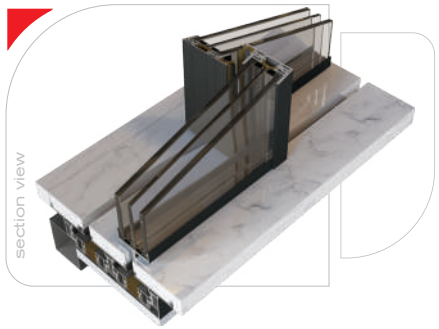
Beyond product innovation, the company provides tailored solutions and specialized technical support, working closely with architects, engineers, builders, and developers to address the unique requirements of each project, from initial design through installation.

With a commitment to architectural freedom, engineering excellence, and timeless design, **U-minimal** transforms ambitious concepts into functional, high-performing spaces where minimalism creates maximum impact.

Less Frame. Endless View.


NOTHING SHOULD STAND BETWEEN YOU AND THE VIEW
TYCHIS RESIDENCE GREECE
design by SAOTA





u·minimal

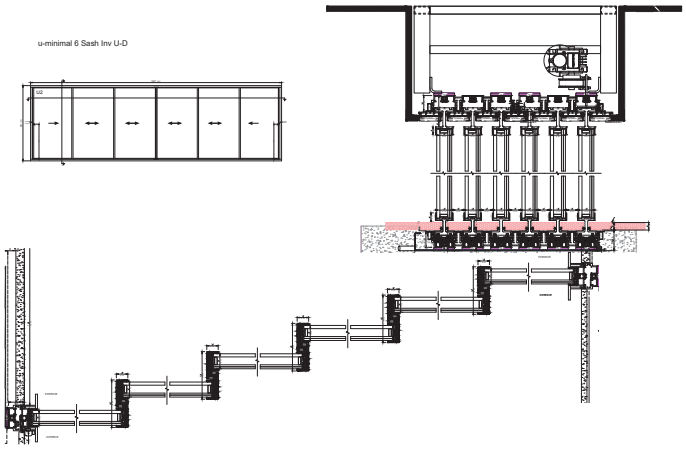
M-IN

THERMALLY INSULATED ALUMINIUM SYSTEMS

The U-minimal Sliding Invisible System (M-IN) is designed to blend the lines between the indoors and out. Our invisible system allows for the entire perimeter frame to disappear within the surrounding architectural finishes. Finished flooring can be inlaid directly into the door track, creating a flush, seamless continuation of the living space, with no visible metal or the need for a raised threshold to interrupt the transition. The invisible system allows for nearly unlimited options and material choices. Our fully integrated drainage system complements this understated elegance, pairing architectural refinement with engineered protection against water intrusion.

By concealing two continuous rows of German-engineered stainless steel bearing rollers along the entire length of travel for each panel, the U minimal sliding system achieves a bottom rail of less than 1 inch, creating a frameless appearance, and a remarkably smooth, seemingly weightless glide.

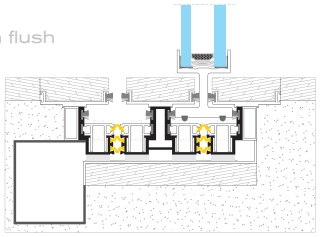
M - I N



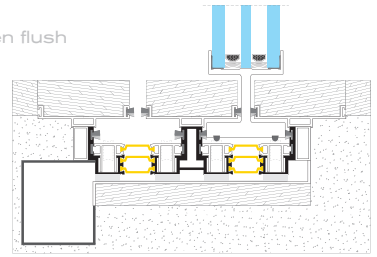
DESCRIPTION

	DOUBLE		TRIPLE	
Glazing Thickness	38mm double glass	1-1/2" double glass	54mm triple glass	2-1/8" triple glass
Weight / Panel	1000 kg	2200 lb	1500 kg	3300 lb
Frame Width	70mm per rail	2-3/4" per rail	86mm per rail	3-3/8" per rail
Frame Height	40mm	1-9/16"	40mm	1-9/16"

hidden flush



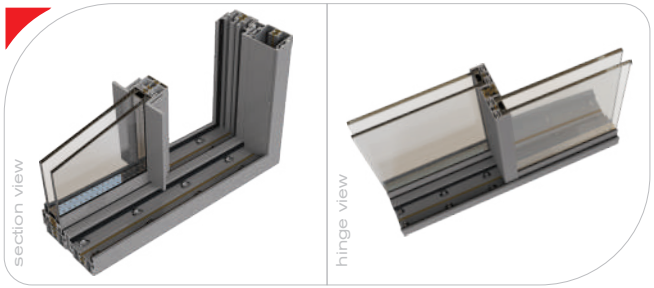
hidden flush

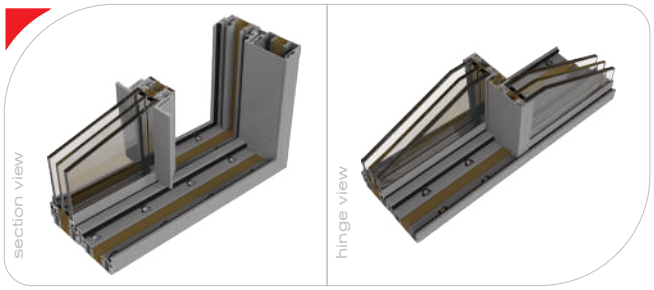


INVISIBLE FRAME | INTEGRATED DRAINAGE | SECURE LOCKING | AUTOMATION CAPABLE



TUMBLING WALLS RESIDENCE | USA





M-SL

THERMALLY INSULATED ALUMINIUM SYSTEMS

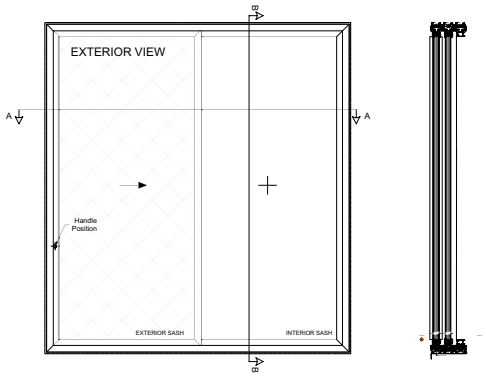
The new, pioneering U-minimal System is the most state-of-the-art answer to the market's latest architectural requirements, by far surpassing the capabilities of the competition's series.

The U-minimal Sliding Doors and Windows System (M-SL) with stainless steel rollers, ensures an effortless and smooth operation with large panels, providing at the same time exceptional clarity and brightness of the space in which it is placed.

The U-minimal M-SL system can be automated offering further comfort and modern equipment to the new innovative system.

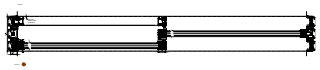
The new U-minimal M-SL System is accompanied by components of excellent quality and workmanship. The system's finish is completed with virtually unlimited options for color finishes, in RAL or NCS colors.

The U-minimal M-SL 38 has the ability to accept Double Energy Glazing of total cross sections of 38mm, while the U-minimal M-SL 54 may accept Triple Energy Glazing (54 mm).

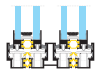


DESCRIPTION

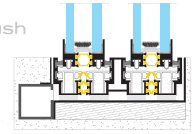
	DOUBLE		TRIPLE	
Glazing Thickness	38mm double glass	1-1/2" double glass	38mm triple glass	1-1/2" triple glass
Weight / Panel	1000 kg	2200 lb	1500 kg	3300 lb
Frame Width	70mm per rail	2-3/4" per rail	70mm per rail	2-3/4" per rail
Frame Height	40mm	1-9/16"	40mm	1-9/16"



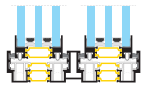
visible rail



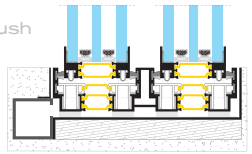
hidden flush



visible rail



hidden flush



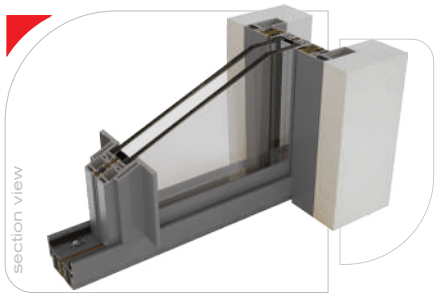
M - S L

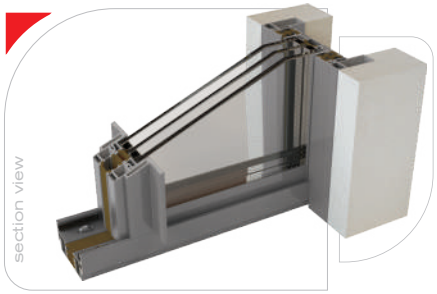
SECTIONS + TECH SPECS

MINIMAL FRAME | INTEGRATED DRAINAGE | MULTI POINT LOCKING | INSULATED PROFILES | EASY & SAFE | SLIDING MECHANISM



WINTHROP ROAD RESIDENCE | USA





u·minimal

M-PCt

THERMALLY INSULATED ALUMINIUM SYSTEMS

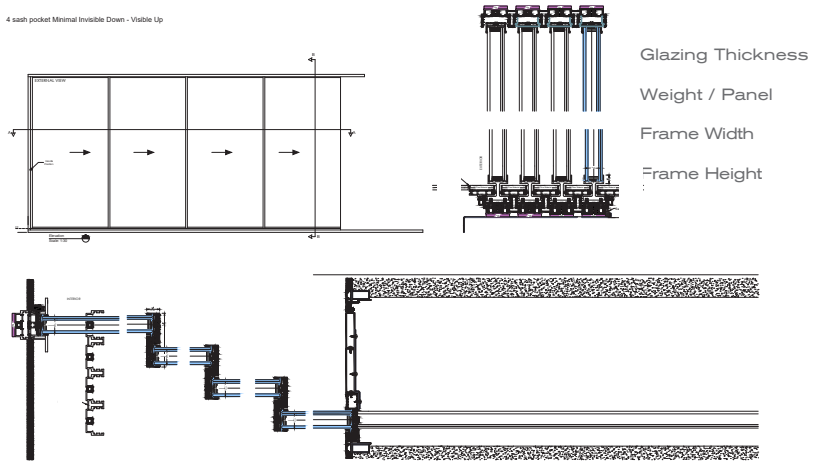
U-minimal Pocket (M-PCt) is the perfect solution for any opening. Offering the same visual effect as the Sliding of the series, it provides a visually superior effect at the opening, leaving the field of vision almost intact as the frames visually disappear into the pocket of the window.

U-minimal Pocket (M-PCt) maintains aluminum thermal break and sealing in the pocket. It maintains smooth and silent operation of the system in and out of the pocket. It can be combined with all the ULTRA minimal series systems ensuring an incredible minimal experience.

U-minimal Pocket (M-PCt) can be equipped with multiple panels, with easy and secure locking mechanisms. It also can be combined with sliding, pocket mosquito screens for a far more secure and safe interior sealing.

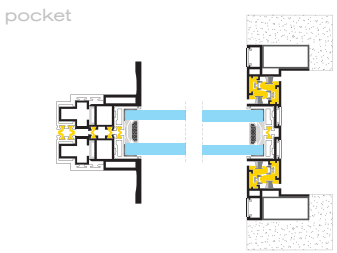
U-minimal Pocket (M-PCt) system, with its smooth and combined operation of both sliding panels and pocket mechanism, can provide the highest levels of security and comfort.

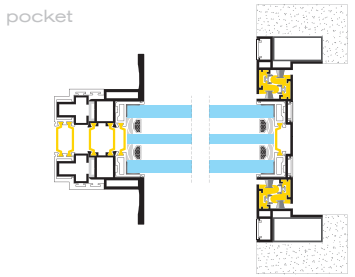
M - P C t



DESCRIPTION

DOUBLE		TRIPLE	
38mm double glass	1-1/2" double glass	54mm triple glass	2-1/8" triple glass
1000 kg	2200 lb	1500 kg	3300 lb
70mm per rail	2-3/4" per rail	86mm per rail	3-3/8" per rail
40mm	1-9/16"	40mm	1-9/16"





SECTIONS + TECH SPECS

HIDDEN FRAME | SECURE LOCKING | UNOBSTRUCTED VIEW | MULTIPLE PANEL & POCKET CONFIGURATIONS

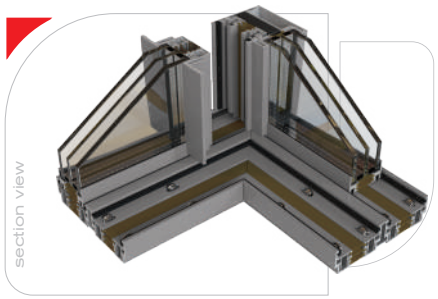


SOLMAR RESIDENCES | EUROPE

U·minimal

M-CR

THERMALLY INSULATED ALUMINIUM SYSTEMS



U-minimal Corner (M-CR) offers unobstructed views and angles, creating a trapping angle without a fixed profile extending the view beyond 180 degrees.

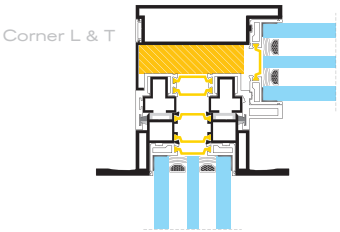
U-minimal (M-CR) can be configured with nearly infinite options of the series such as pocket stacking, invisible top and bottom all while achieving a frameless view.

The U-minimal (M-CR) combines the possibility of creating a 90-degree corner or a custom angle, offering solutions even in the most demanding situations.

U-minimal Corner (M-CR) offers new construction possibilities by eliminating the necessity of walls and closed corners, adapting to modern architectural design for a more open space approach, giving the designer the capability to enclose entire rooms with thermally insulated sliding aluminium systems.

U-minimal Corner (M-CR) offers extreme versatility to any given interior or exterior space, taking advantage of open spaces available in your residence.

M - C R



DESCRIPTION

	DOUBLE		TRIPLE	
Glazing Thickness	38mm double glass	1-1/2" double glass	54mm triple glass	2-1/8" triple glass
Weight / Panel	1000 kg	2200 lb	1500 kg	3300 lb
Frame Width	70mm per rail	2-3/4" per rail	86mm per rail	3-3/8" per rail
Frame Height	40mm	1-9/16"	40mm	1-9/16"

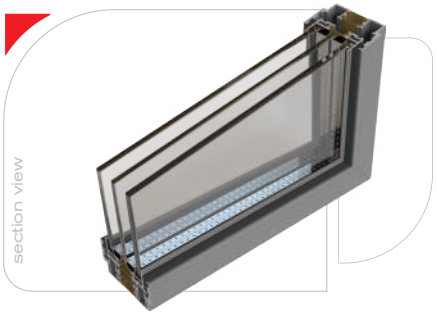
SECTIONS + TECH SPECS

EXTENDED VIEW | INTEGRATED DRAINAGE | SECURE CORNER LOCKING | UNOBSTRUCTED PASSAGE | EASY & SAFE SLIDING MECHANISM

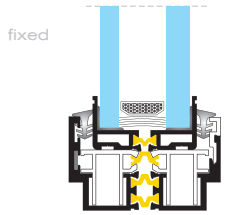


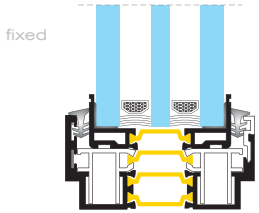
BEDFORD QUARRY RESIDENCE | USA





M - F X d





U·minimal

M-FXd

THERMALLY INSULATED ALUMINIUM SYSTEMS

The U-minimal Fixed & Slide and U-minimal Fixed (M-FXd) systems are key combinations of the series, offering absolute sealing in one of the two parts that consists of allowing the overall opening of the other, superimposed to it. U-minimal Fixed & Slide can be configured in many combinations of multiple panels and rails.

U-minimal Fixed (M-FXd) systems can fit nearly any size or shape opening as they can be manufactured in rectangles, triangles and trapezoids.

U-minimal Fixed & Slide (M-FXd) systems are built, maintaining the same aesthetic harmony in all the openings of the space.

U-minimal Fixed & Slide (M-FXd) is the most thermo-efficient solution of the ULTRA minimal series, combining inseparable aesthetic and thermal performance as well as economy in construction.

DESCRIPTION

	DOUBLE		TRIPLE	
Max dimensions / Panel	2,8 x 6,0m	9' - 2" x 19' - 8"	2,8 x 6,0m	9' - 2" x 19' - 8"
Glazing Thickness	38mm double glass	1-1/2" double glass	54mm triple glass	2-1/8" triple glass
Weight / Panel	1000 kg	2200 lb	1500 kg	3300 lb
Frame Width	70mm per rail	2-3/4" per rail	86mm per rail	3-3/8" per rail
Frame Height	40mm	1-9/16"	40mm	1-9/16"

SECTIONS + TECH SPECS

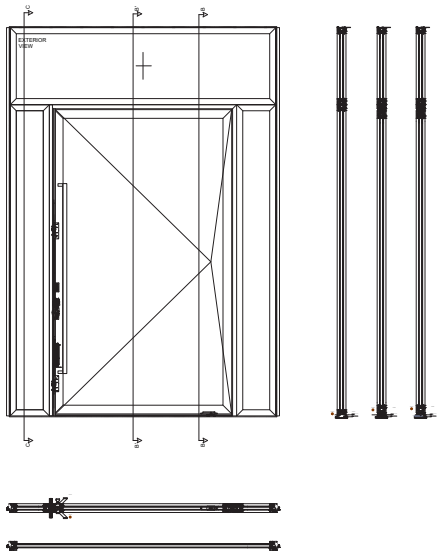
POLYGONIC SHAPES | INTEGRATED DRAINAGE | SECURE LOCKING | UNOBSTRUCTED VIEW | EASY & SAFE SLIDING MECHANISM

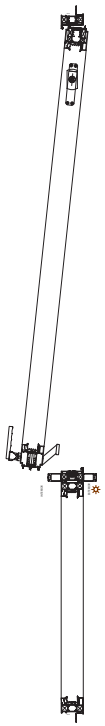


MODUS RESIDENCES | EUROPE



M - G L





U·minimal

PIVOT DOOR & PIVOT DOOR WITH SIDE LIGHT

The U-Minimal ED86 Pivot Door system combines distinctive features with high performance and versatility. The Pivot Door offers an accessible solution with excellent durability and a wide range of configurations, available with either glass or panel infills.

Our pivot doors feature world-renowned FritsJurgens hardware. Engineered for exceptionally large and heavy panels, it enables monumental entrances with clean lines, and understated elegance.

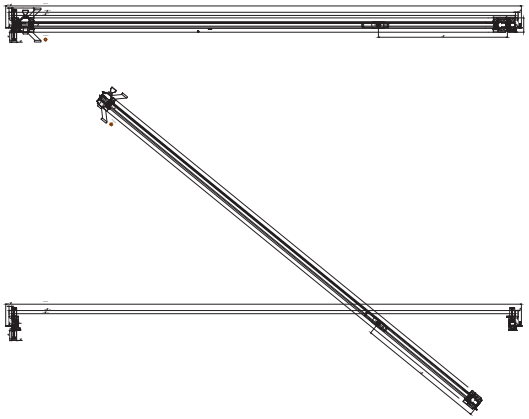
The system supports single-point, multi-point and electronic locking solutions, providing the level of security and confidence expected from a modern residential entrance.

Combining minimal aesthetics, durability, easy fabrication and enhanced security, the ED86 Pivot Door is a versatile solution for contemporary architectural applications.

DESCRIPTION

	PIVOT	
Max dimensions / Panel	2,8 x 6,0m	9'2" x 19'8"
Glazing Thickness	40mm double glass	1-1/2" double glass
Weight / Panel	1000 kg	2200 lb
Frame Width	70mm per rail	2-3/4" per rail
Frame Height	40mm	1-9/16"

SECTIONS + TECH SPECS



MULTIPLE PANEL COMBINATION | ELECTROMOTORIZED FUNCTION | SAFE LOCKING | UNOBSTRUCTED VIEW | EASY & SAFE VERTICAL MOTION



HILTON GARDEN INN | EUROPE

High-Performance Glass Solutions

Our aluminium window and door systems can be fitted with a wide range of high-performance glazing solutions from Guardian Glass, combining energy efficiency, comfort, safety, security and aesthetics.

We offer Low-E energy-efficient glazing in both double and triple-glazed units, helping to reduce heat transfer and improve the thermal performance of your windows and doors.

Our glazing options also include:

- Low-E energy-efficient glass
- Double and triple glazing
- Laminated safety glass
- Security glass
- Impact-resistant glass
- Tempered glass
- UV-protection solutions
- Privacy and frosted glass
- Decorative and patterned glass
- Tinted and colored glass

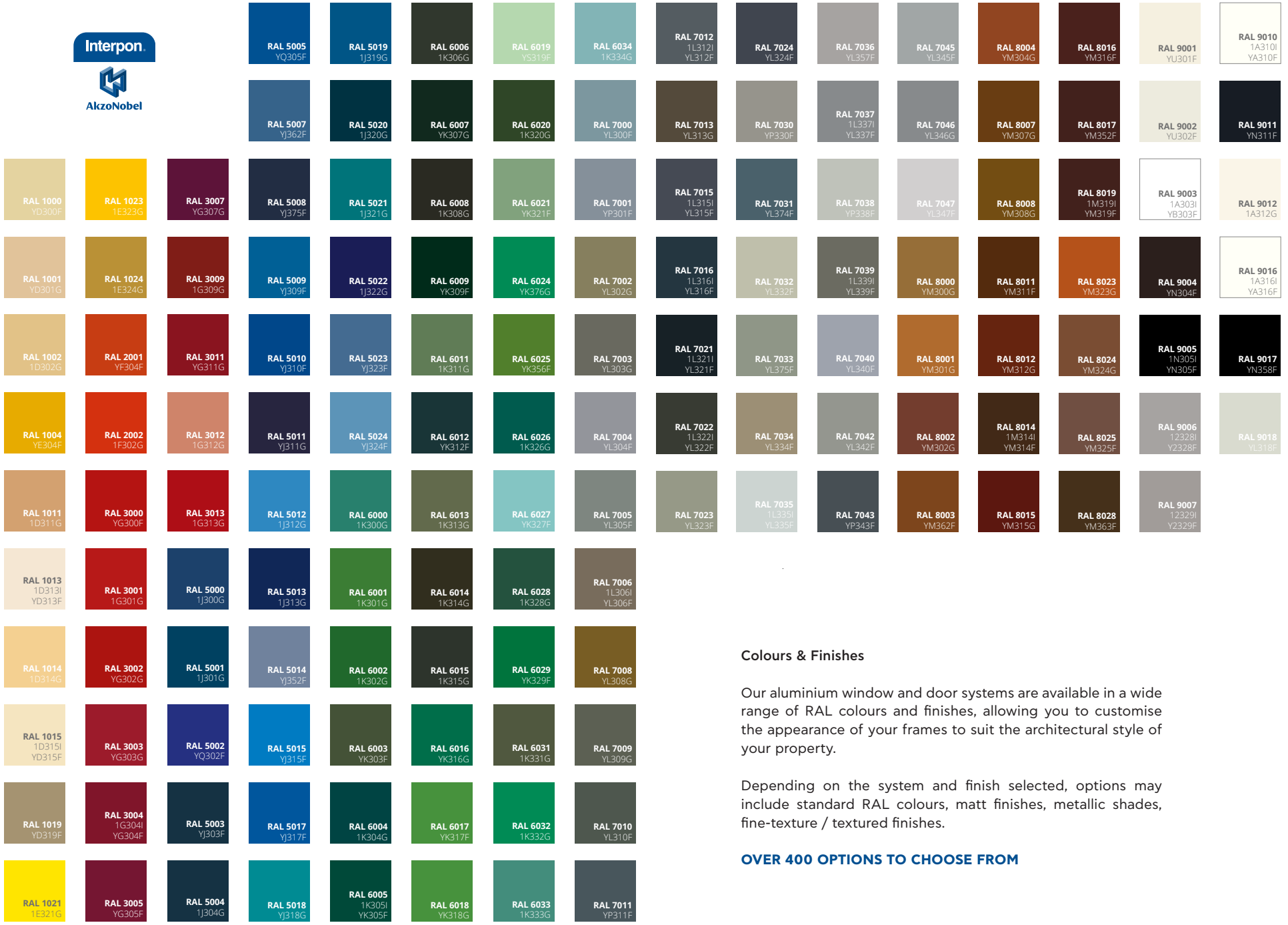
Shading & Screen Solutions

We also offer a wide range of shading and insect-screen solutions to enhance comfort, privacy and functionality.

Our options include motorized roller shutters, providing convenient operation and additional control over light,
privacy and solar exposure.

For insect protection, we offer a variety of screen systems, including:

• Vertical screens • Horizontal screens • Pleated screens • Motorized screen systems



Colours & Finishes

Our aluminium window and door systems are available in a wide range of RAL colours and finishes, allowing you to customise the appearance of your frames to suit the architectural style of your property.

Depending on the system and finish selected, options may include standard RAL colours, matt finishes, metallic shades, fine-texture / textured finishes.

OVER 400 OPTIONS TO CHOOSE FROM


UNINTERRUPTED VIEWS. UNCOMPROMISED QUALITY
TYCHIS RESIDENCE GREECE
design by SAOTA


DESIGNED FOR CLARITY. BUILT FOR PERFORMANCE
TYCHIS RESIDENCE GREECE
design by SAOTA

minimal

ULTRA MINIMAL FRAMES

ENGINEERED FOR THE VIEW. REFINED FOR THE EXPERIENCE

u-minimal.com