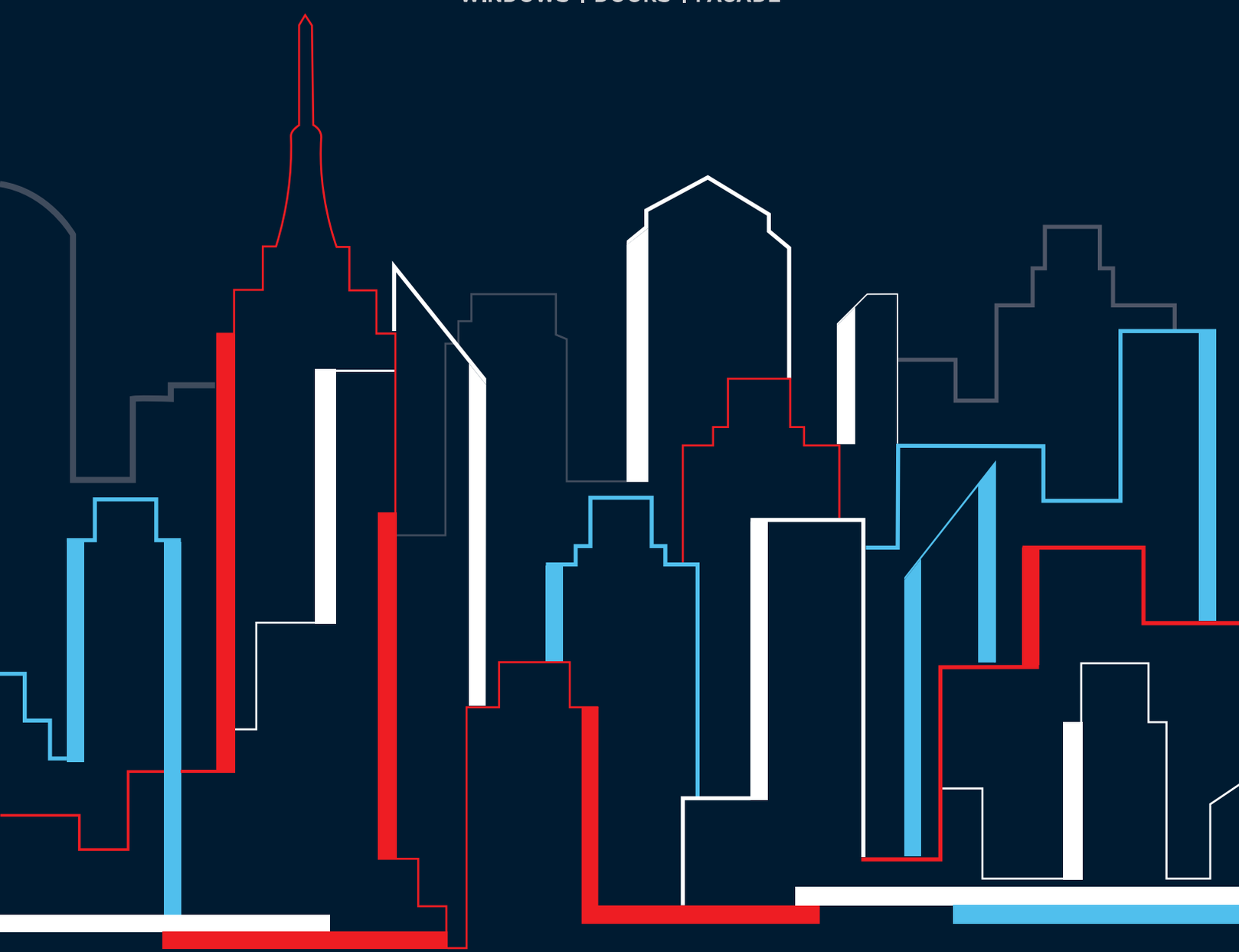
LINEA ROSSA®

WINDOWS | DOORS | FACADE



grande | series

Aluminum Architectural Systems EN

Every line shapes

a vision.

grande series

GLR **37**	**MINIMAL SLIDING** SYSTEM	01-02
GLR **33**	**INSULATED SLIDING** SYSTEM	03-04
GLR **36**	**INSULATED SLIDING** SYSTEM	05-06
GLR **53**	**THERMALLY BROKEN OPENING** SYSTEM	07-08
GLR **63**	**INSULATED BI-FOLD** SYSTEM	09-10
GLR **64**	**INSULATED BI-FOLD** SYSTEM	11 - 12
GLR **95**	**CURTAIN WALL** SYSTEM	13-14
GLR **65**	**STOREFRONT** SYSTEM	15-16
GLR **50**	**ENTRANCE DOOR** SYSTEM	17-18
GLR **51**	**PIVOT DOOR** SYSTEM	19-20

LR series

LR **3500**	**INSULATED SLIDING** SYSTEM	21-22
LR **3200**	**INSULATED SLIDING** SYSTEM	23-24
LR **3100**	**INSULATED SLIDING** SYSTEM	25-26
LR **2200**	**UNINSULATED SLIDING** SYSTEM	27-28
LR **2100**	**UNINSULATED SLIDING** SYSTEM	29-30
LR **5100**	**INSULATED OPENING** SYSTEM	31- 32
LR **4100**	**UNINSULATED OPENING** SYSTEM	33-34
LR **4500**	**UNINSULATED OPENING** SYSTEM	35-36
LR **6000**	**BI FOLD SHUTTER** SYSTEM	37-38
LR **9200 -9300**	**STICK FACADE** SYSTEM	39-40
LR **9500**	**FACADE** SYSTEM	41-42
LR **8700**	**BIOCLIMATIC PERGOLA** SYSTEM	43-44
LR **1800**	**LIGHTING** SYSTEM	45-46
LR **1600**	**WALL CEILING COVERING** SYSTEM	47-48
LR **1000**	**OFFICE PARTITION** SYSTEM	49-50
LR **1400**	**RAILING** SYSTEM	51-52
LR **4900**	**RAILING** SYSTEM	53-54

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EASE OF **INSTALLATION**

PERFECT **DESIGN**

MINIMAL LOOK **MAXIMUM VIEW**

MAXIMUM **SECURITY**

WATER **ISOLATION**

SOUND **PERFORMANCE**

LINEA ROSSA®

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GLR**33** | GLR**36** | GLR**37** | GLR**53** | GLR**65** | GLR**96**

GLR**63** | GLR**64** | GLR**95** | GLR**50** | GLR**51** | GLR**97**

grande series

MINIMAL LOOK
MAXIMUM VIEW

MAXIMUM
SECURITY

WATER
ISOLATION

SOUND
PERFORMANCE

800 kg sash carrying capacity thanks to the double bearing in each sash.

Clean Lines, Clear Views,

Standard 35 mm glass thickness

TECHNICAL SPECIFICATIONS:

A	3 TRACK FRAME SILL **WIDTH**	202 mm
B	3 TRACK FRAME SILL **HEIGHT**	49 mm
A	2 TRACK FRAME SILL **WIDTH**	129 mm
B	2 TRACK FRAME SILL **HEIGHT**	49 mm

DRAINAGE DEPTH:

2 **TRACK**	179 mm
3 **TRACK**	252 mm

MINIMAL LOOK **MAXIMUM VIEW**

MAXIMUM **SECURITY**

WATER **ISOLATION**

SOUND **PERFORMANCE**

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TECHNICAL SPECIFICATIONS	
SASH LENGTH	113 mm
FRAME LENGTH	60 mm
SASH WIDTH	73 mm
THE MIDDLE SASH WIDTH	121 mm
MAX. GLASS THICKNESS	24 - 60 mm
HEAT BARRIER	21 mm
SASH CARRYING CAPACITY	250 kg - 400 kg

APPLICATION FEATURES	
90° SASH JOINT	✓
HEAT INSULATION	✓
HIGH CORROSION RESISTANCE	✓
PROBLEM-FREE MECHANICAL SOLUTIONS	✓
FLYSCREEN	✓
FIXED AND MOVABLE SASH	✓

G-SLIDE

Architecture in motion.

- **Superior Insulation Performance**
  Improved water resistance, enhanced air insulation, and high energy efficiency for optimal indoor comfort.
- **Advanced Sliding Mechanism**
  Enhanced drive and sliding speed system ensures smooth, fast, and effortless operation.
- **Creative Visual Design**
  Visually appealing and innovative design that combines aesthetics with functional elegance.
- **Reliable Mechanical System**
  Problem-free and long-lasting mechanical solutions for seamless daily use.
- **High Durability**
  Excellent resistance to corrosion and ultraviolet rays, even under harsh environmental conditions.
- **Contemporary Surface Finishing**
  Modern metallic look with silver-bronze colored anodized surfaces offering both style and protection.
- **Exclusive Surface Options**
  Unique design alternatives with powder-coated and wood-effect finishes tailored for various architectural styles.

Slim Interlock Detail

With its slim interlock design,
the system enhances aesthetics and brings more light and view into your living spaces.

SOUND **PERFORMANCE**

WATER **ISOLATION**

PERFECT **DESIGN**

FLY SCREEN **DESIGN**

SLOTTED RECESSED
THRESHOLD VERSION

APPLICATION FEATURES	
AIR WATER INSULATION AND ENERGY SAVING	✓
WIDER, HIGHER SLIDES	✓
HIGH CORROSION RESISTANCE	✓
PROBLEM-FREE MECHANICAL SOLUTIONS	✓
FLYSCREEN	✓
FIXED AND MOVABLE SASH	✓

TECHNICAL SPECIFICATIONS	
SASH LENGTH	**124 mm**
FRAME LENGTH	**33 mm**
SASH WIDTH	**52 mm**
THE MIDDLE SASH WIDTH	**32 mm**
MAX. GLASS THICKNESS	**30 - 33 mm**
SASH CARRYING CAPACITY	**200 kg**

- **Enhanced Durability and Smooth Operation**
  Thanks to a stainless steel rail and specially engineered bearings, the system ensures long-lasting performance and effortless movement.
- **Fully Integrated Fly Screen Design**
  Fly screens are seamlessly integrated into all sash profiles, providing insect protection without compromising aesthetics or functionality.
- **Modern Aesthetics with Metallic Touch**
  The system features anodized surfaces in a sophisticated silver bronze finish, reflecting the modern appeal of high-end aluminum architecture.
- **Custom Surface Finishes with Unique Effects**
  GLR36 offers powder coating and wood texture options, enabling original design concepts with a natural or industrial look.
- **Superior Corrosion and UV Resistance**
  Designed to withstand harsh environments, the profiles offer high resistance to corrosion and ultraviolet degradation, ensuring longevity in exterior applications.

MINIMAL LOOK
MAXIMUM VIEW

SOUND
PERFORMANCE

WATER
ISOLATION

PERFECT
DESIGN

FLY SCREEN
DESIGN

SPECIAL CLAMP JOINT
DETAIL

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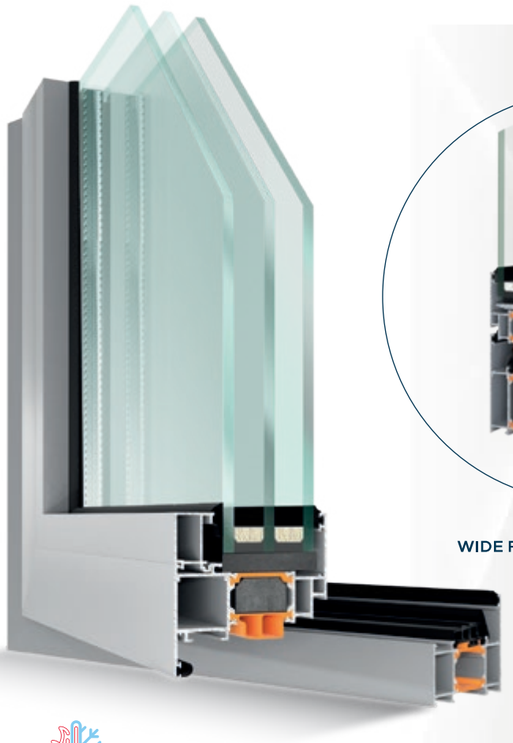

WIDE FRAME ALTERNATIVE

HIGH
HEAT INSULATION

(UW) 0.90 W/m²K

Smart Solutions for **Thermal Comfort.**

- **Minimum heat loss with integrated insulation foam**
  Thermal insulation foam placed inside the aluminum profile significantly reduces heat transfer and improves energy efficiency.
- **Enhanced sealing performance with adjustable locking counterparts**
  Specially designed and adjustable locking pieces ensure precise alignment and improved air, water, and sound tightness.
- **Optimized thermal insulation through multiple configuration options**
  Different combinations of profiles, glazing units, and insulation accessories allow for customizable thermal performance levels.
- **High thermal and acoustic insulation values**
  The system offers superior insulation against both heat and noise thanks to its multi-chamber profile design and sealing details.

TECHNICAL SPECIFICATIONS	
SASH WIDTH	87 mm
SASH-FRAME LENGTH (MIN.)	113 mm
FRAME WIDTH	76 mm
GLASS THICKNESS	40 - 62 mm
INSULATION BRIDGE	33 mm
MAXIMUM SASH CARRYING	120 - 200 kg

APPLICATION FEATURES	
ENERGY EFFICIENCY	✓
ADJUSTABLE LOCK STRIKE	✓
TRIPLE GLASS WITH BLINDS GLASS POSSIBILITY	✓
HIGH HEAT AND SOUND INSULATION	✓
FLYSCREEN	✓

SOUND **PERFORMANCE**
WATER **ISOLATION**
PERFECT **DESIGN**
FLY SCREEN **DESIGN**

THE WEIGHT OF THE SASH IS CARRIED BY THE BEARING
CONNECTED TO THE UPPER FRAME

Max. sash carrying capacity: **80 kg**

TECHNICAL SPECIFICATIONS	
FRAME WIDTH	29 mm
FRAME LENGTH	60 mm
SASH WIDTH	73 mm
SASH LENGTH	60 mm
MAXIMUM SASH CARRYING	80 kg

APPLICATION FEATURES	
UPPER CARRIER BEARINGS	✓
SLOTTED THRESHOLD ALTERNATIVE	✓
POSSIBILITY TO COLLECT THE SASH AT 45°	✓
POSSIBILITY TO COLLECT THE FRAME AT 90°	✓
HEAT AND SOUND INSULATION	✓

- **Wide Sash Capability with Top-Mounted Bearings**
  The system allows for the use of wide sashes thanks to precision-engineered upper bearings that provide stable and smooth movement.
- **Horizontal Guide Bearings Prevent Rotation**
  Special horizontal bearings are positioned to restrict unwanted rotation of the upper bearings, ensuring consistent alignment and safe operation during opening and closing.
- **Sash Load Transferred to the Head Rail via Bearings**
  The full weight of the sash is transmitted to the top case and carried by high-capacity bearings, minimizing stress on the threshold and ensuring long-term durability.

WATER **ISOLATION**

SOUND **PERFORMANCE**

Max. sash carrying capacity: **120 kg**

TECHNICAL SPECIFICATIONS	
FRAME WIDTH	**29 mm**
FRAME LENGTH	**86 mm**
SASH WIDTH	**76 mm**
SASH LENGTH	**76 mm**
MAXIMUM SASH CARRYING	**120 kg**

APPLICATION FEATURES	
LOWER CARRIER BEARINGS	✓
SLOTTED THRESHOLD ALTERNATIVE	✓
POSSIBILITY TO COLLECT THE SASH AT 45°	✓
POSSIBILITY TO COLLECT THE FRAME AT 90°	✓
HEAT AND SOUND INSULATION	✓

WATER **ISOLATION**

SOUND **PERFORMANCE**

THE WEIGHT OF THE SASH IS CARRIED BY THE BEARING
CONNECTED TO THE LOWER FRAME

Rotational Stability with Horizontal Guide Bearings

Horizontal guide bearings are integrated to prevent the rotation of the upper bearings, ensuring stable alignment and safe, consistent folding motion.

PREFABRICATED PANELS
PROVIDE FAST AND EFFICIENT INSTALLATION

APPLICATION FEATURES	
QUICK AND EASY INSTALLATION	✓
WEATHER RESISTANCE	✓
UNINTERRUPTED VIEW	✓
ENERGY EFFICIENCY	✓
HEAT AND SOUND INSULATION	✓
SPECIAL SOLUTIONS ADAPTED TO BUILDING CHARACTERISTICS	✓
APPLICATION WITH DIFFERENT DOOR-WINDOW SYSTEMS	✓

TECHNICAL SPECIFICATIONS:

A | FRAME **WIDTH** | 160 mm

B | FRAME **HEIGHT** | 76 mm

Where Halo Meets Innovation
GLR 95 on Display.

HALO TOWER
NEWARK, NEW JERSEY

MINIMAL LOOK
MAXIMUM VIEW

SOUND
PERFORMANCE

WATER
ISOLATION

PERFECT
DESIGN

FLY SCREEN
DESIGN

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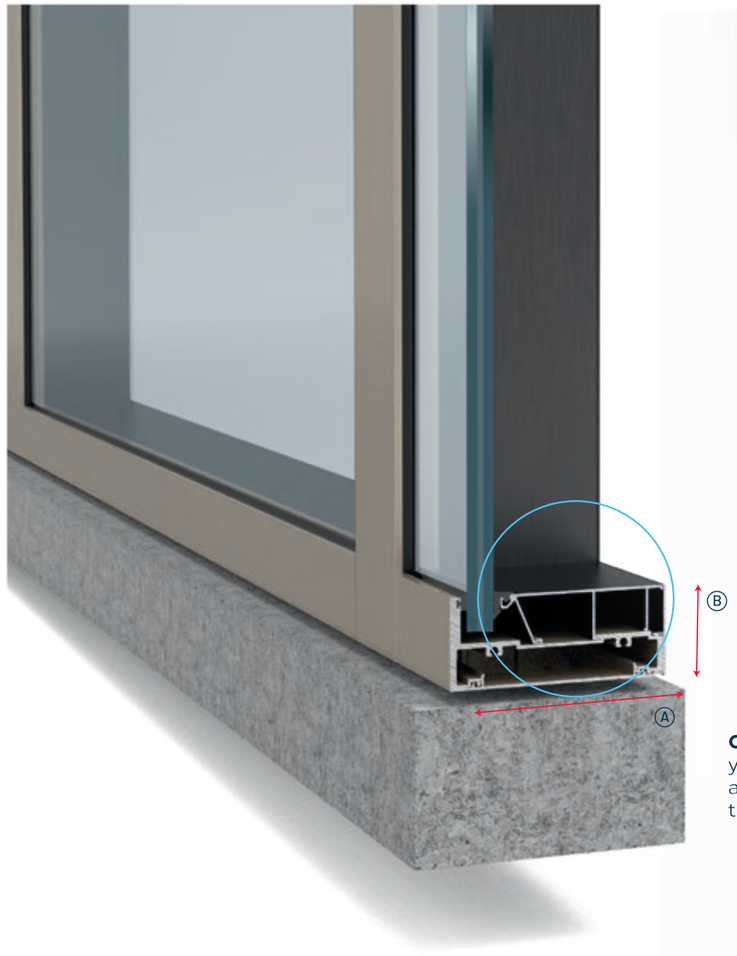

Our aluminum facade system provides your modern buildings with a perfect appearance and long-lasting durability thanks to its aesthetic design

TECHNICAL SPECIFICATIONS:

A | MULLION **WIDTH** | 76 mm

B | MULLION **DEPTH** | 127 mm

OPTION

B | MULLION **DEPTH** | 178 mm

TECHNICAL SPECIFICATIONS:

A | FRAME **WIDTH** | 127 mm

B | FRAME **HEIGHT** | 51 mm

inside view

**Dual color options
for interior and exterior surface

SOUND **PERFORMANCE**

WATER **ISOLATION**

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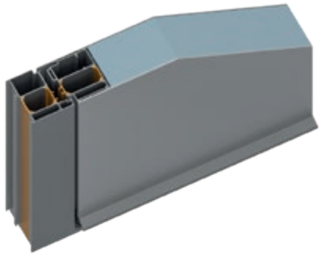
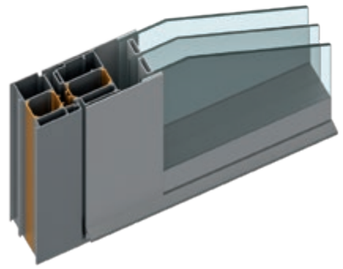


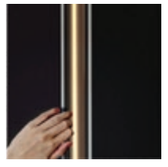


FINGERPRINT SCANNER

MODENA HANDLE

PIATTA HANDLE

FLUSH HANDLE



DOOR Configurations

LINEA ROSSA entrance doors combine aesthetic design, high security standards, and durability. They can be configured to meet the specific needs of different spaces and users. The configuration options below help create the most suitable door model, both technically and visually.

TECHNICAL SPECIFICATIONS	
FRAME SILL WIDTH	87 mm
FRAME SILL HEIGHT	75 mm

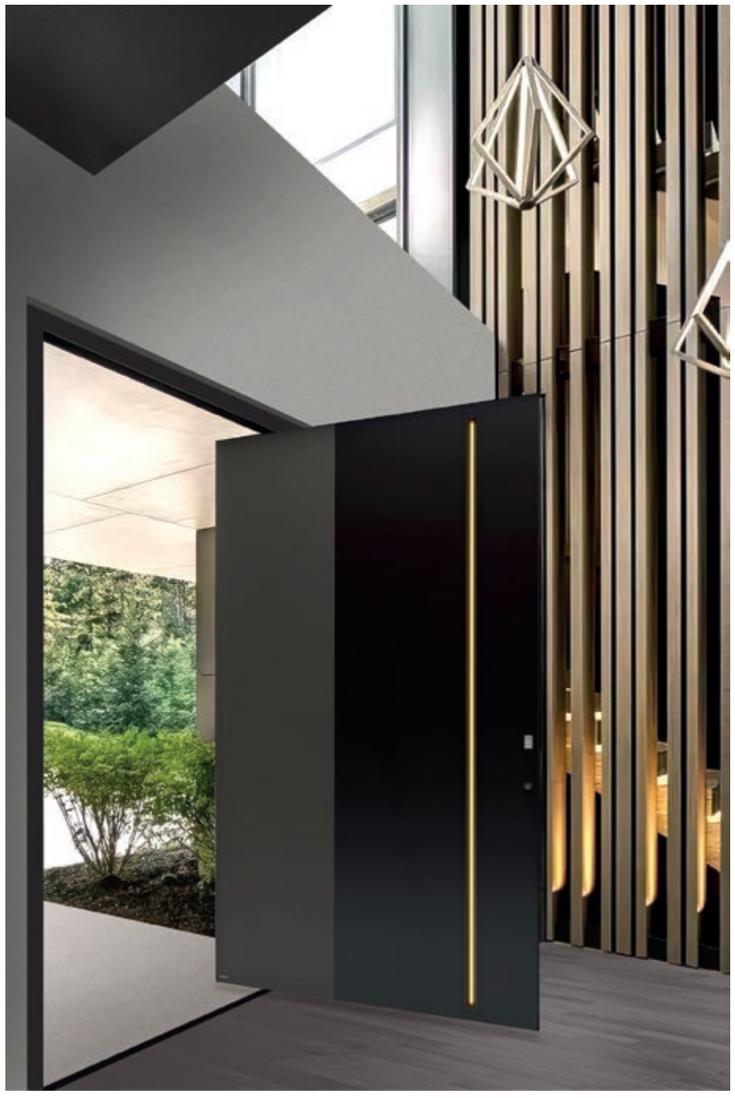
APPLICATION FEATURES	
MODERN DESIGN	✓
HIGH SECURITY	✓
EASE OF USE AND FUNCTIONALITY	✓
HEAT AND SOUND INSULATION	✓
WIDE PRODUCT RANGE PORTFOLIO	✓
ALUMINIUM OR GLASS PANEL OPTION	✓

SOUND **PERFORMANCE**

WATER **ISOLATION**

CASING OPTION AVAILABLE

Adaptation options are available for wall thicknesses between **250 mm and 500 mm.

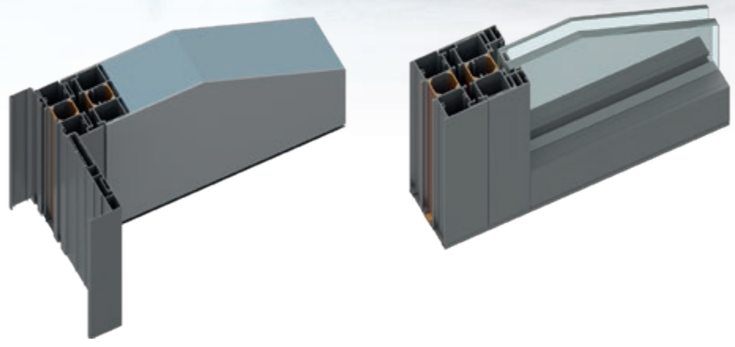


TECHNICAL SPECIFICATIONS	
FRAME SILL WIDTH	119 mm
FRAME SILL HEIGHT	44 mm

APPLICATION FEATURES	
MODERN DESIGN	✓
HIGH SECURITY	✓
EASE OF USE AND FUNCTIONALITY	✓
HEAT AND SOUND INSULATION	✓
WIDE PRODUCT RANGE PORTFOLIO	✓
ALUMINIUM OR GLASS PANEL OPTION	✓

CASING OPTION AVAILABLE

Adaptation options are available for wall thicknesses between **250 mm and 500 mm.



Where Elegance, Security
Modern Design Meet

FLUSH HANDLE

FINGERPRINT
SCANNER

SOUND
PERFORMANCE

WATER
ISOLATION

LINEA ROSSA®

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LR**3500** | LR**3200** | LR**3100** | LR**5100**

LR**2100** | LR**2200** | LR**4100** | LR**4500**

LR**6000** | LR**8700** | LR**1800** | LR**1000**

LR**1600** | LR**1400** | LR**4900** | LR**9500**

LR**9200** | LR**9300**

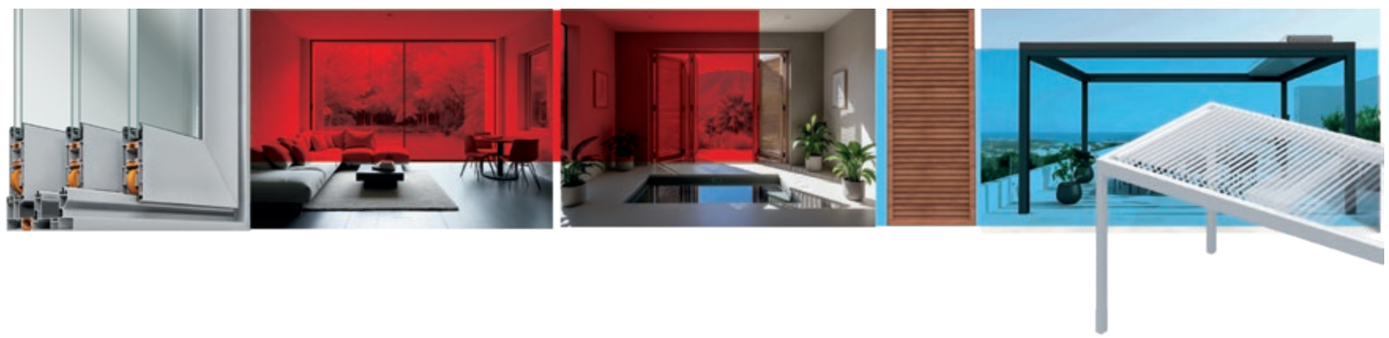
series

MINIMAL LOOK
MAXIMUM VIEW

MAXIMUM
SECURITY

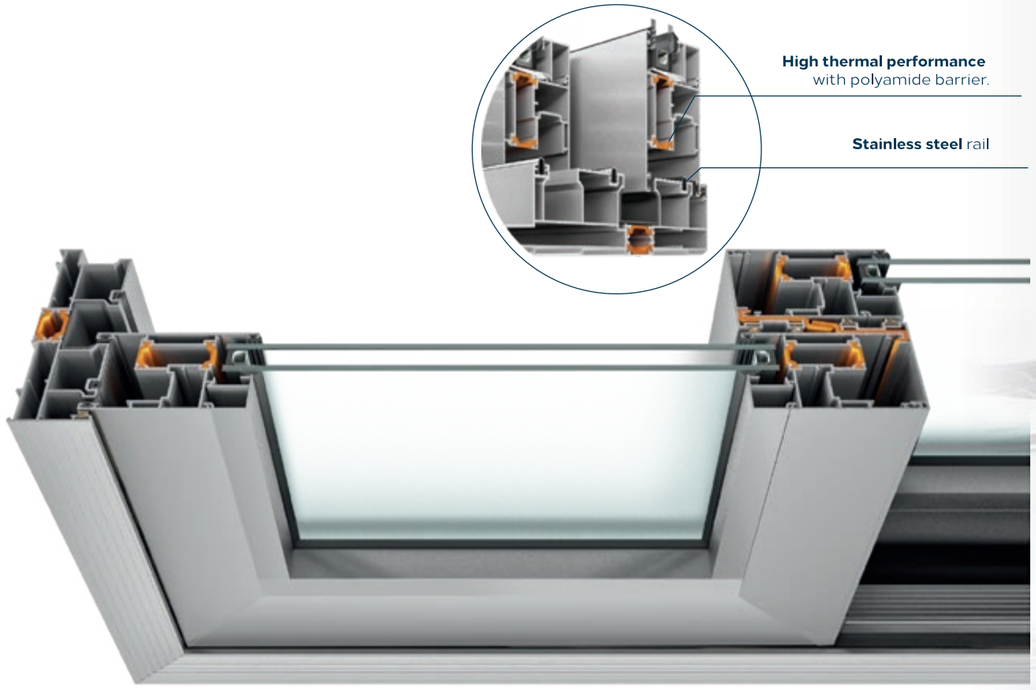
WATER
ISOLATION

SOUND
PERFORMANCE



LR3500 LINEA ROSSA | INSULATED SLIDING SYSTEM

DESIGNED by
LINEA ROSSA®
WINDOWS | DOORS | FACADE



TECHNICAL SPECIFICATIONS	
SASH WIDTH	54 mm
SASH LENGTH	94 mm
FRAME LENGTH	44 mm
GLASS THICKNESS	21 - 44 mm
MAX. SASH CARRYING CAPACITY	200 kg / 300-400 kg
INSULATION BRIDGE	24 mm

APPLICATION FEATURES	
HBSB MECHANISM	✓
FLYSCREEN	✓
45° AND 90° SASH JOINT	✓
40 & 50 MM THICKNESS OPTIONS IN MEDIUM SEAM	✓
INNER AND EXTERIOR FLOORING FACING SAFE	✓
EASE OF USE AND FUNCTIONALITY	✓
MONO RAIL FRAME	✓
3 TRACK FRAME	✓

- **Sash Carrying Capacity:**
  200 kg standard / 300 - 400 kg with HBSB mechanism
- **Integrated Fly Screen:**
  Fly screen design is seamlessly integrated into the system on all frame types

Sash Connection Options:
45° and 90° corner joint alternatives available for sash assembly

- **High Durability and Smooth Operation:**
  Stainless steel rail system combined with specially designed bearings ensures long-lasting performance and enhanced user comfort

SOUND **PERFORMANCE**
WATER **ISOLATION**
EASE OF **INSTALLATION**
FLY SCREEN **DESIGN**

Internal View

Slim Interlock Detail

With its slim interlock design,
the system enhances aesthetics and brings more light and view into your living spaces.

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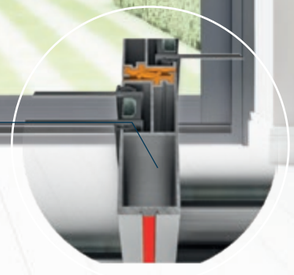
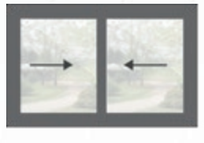


POLYAMIDE PROFILED HALLOW
CENTER DETAIL



TECHNICAL SPECIFICATIONS	
SASH WIDTH	**38 mm**
SASH LENGTH	**94 mm**
PROFILE THICKNESS	**2 mm**
GLASS THICKNESS	**21-25 mm**
MAX. CARRYING CAPACITY	**118 kg**

APPLICATION FEATURES	
WATER, AIR INSULATION	✓
ENERGY SAVINGS	✓
SPECIAL STEEL RAIL	✓
FLY SCREEN	✓
MULTI LOCK APPLICATION	✓
EASE OF USE AND FUNCTIONALITY	✓
MONO RAIL FRAME	✓
3 TRACK FRAME	✓
45° AND 90° SASH JOINT	✓

- **Heavy-Duty Bearing System**
  High-performance bearings ensure smooth and durable sash movement, even under heavy loads.
- **Multi-Point Locking Options**
  Compatible with single or multiple locking mechanisms integrated within the sliding sash.
- **Integrated Fly Screen System**
  The frame is designed with a built-in fly screen netting solution for added comfort and protection.

SOUND **PERFORMANCE**
WATER **ISOLATION**
EASE OF **INSTALLATION**
FLY SCREEN **DESIGN**

LR3100 LINEA ROSSA | INSULATED SLIDING SYSTEM

DESIGNED by
LINEA ROSSA®
WINDOWS | DOORS | FACADE

TECHNICAL SPECIFICATIONS	
SASH WIDTH	**32 mm**
SASH LENGTH	**75 mm**
FRAME LENGTH	**44 mm**
GLASS THICKNESS	**30 - 32 mm**
MAX. SASH CARRYING CAPACITY	**120 kg**
INSULATION BRIDGE	**21 mm**
THE MIDDLE SASH WIDTH	**34 - 78,5 mm**

APPLICATION FEATURES	
WATER, AIR INSULATION	✓
ENERGY SAVINGS	✓
SPECIAL STEEL RAIL	✓
FLY SCREEN	✓
MULTI LOCK APPLICATION	✓
EASE OF USE AND FUNCTIONALITY	✓
MINIMAL MIDDLE SASH	✓
45° AND 90° SASH JOINT	✓
3 TRACK FRAME	✓
MONO RAIL FRAME	✓

Clean Lines, Strong Performance
Opens Up Spaces with Confidence.

- **Minimal Architectural Solution:** Provides a clean, modern appearance with a 50% reduced center mullion for enhanced transparency.
- **High-Security Locking:** Equipped with a specially designed high-strength multi-point locking system for improved safety.
- **Thermal Efficiency:** Features a polyamide-profiled hollow center detail to support thermal insulation.
- **Ease of Use:** Designed for simplified production and installation, reducing labor time and complexity.

SOUND **PERFORMANCE** | WATER **ISOLATION** | EASE OF **INSTALLATION** | FLY SCREEN **DESIGN**

PIATTA HANDLE

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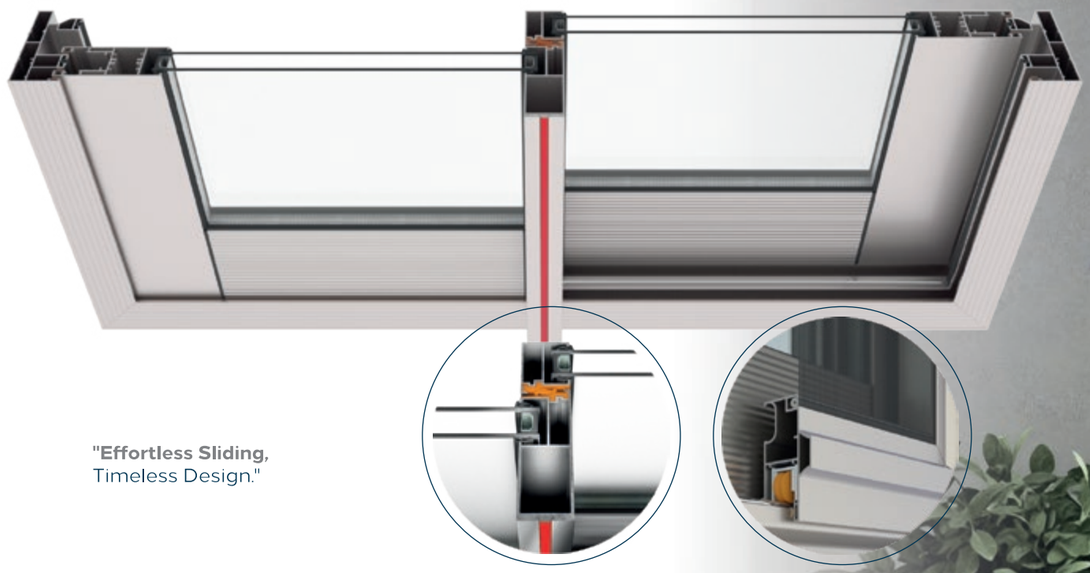


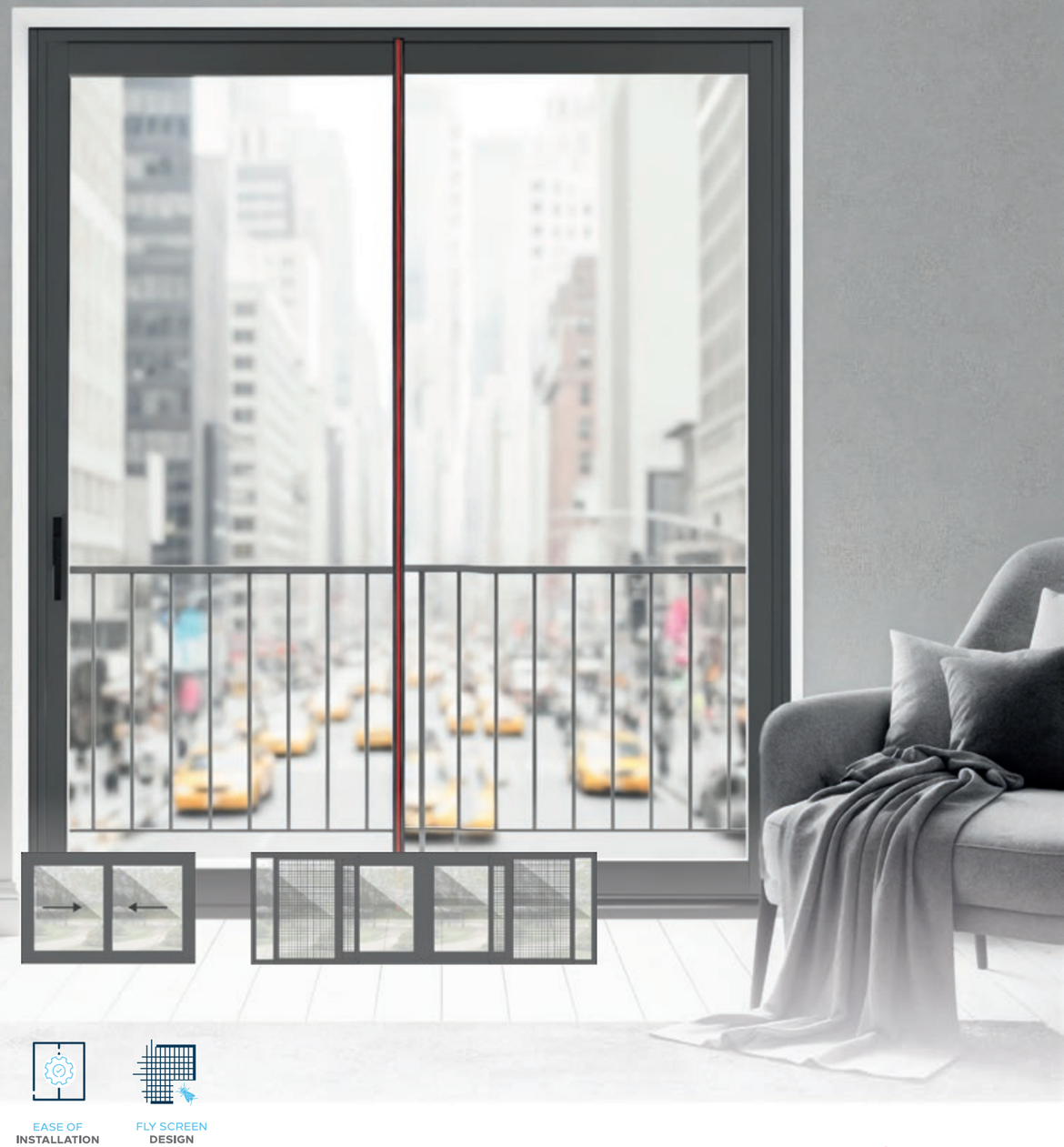
"Effortless Sliding,
Timeless Design."

SPECIAL FLYSCREEN DETAIL

TECHNICAL SPECIFICATIONS	
SASH WIDTH	38 mm
SASH LENGTH	92,5 mm
PROFILE THICKNESS	1,3 -1,8 mm
GLASS THICKNESS	20-26 mm
MAX. CARRYING CAPACITY	120 kg

APPLICATION FEATURES	
SPECIAL STEEL RAIL	✓
FLY SCREEN	✓
MULTI LOCK APPLICATION	✓
EASE OF USE AND FUNCTIONALITY	✓
MINIMAL MIDDLE SASH	✓
45° AND 90° SASH JOINT	✓
3 TRACK FRAME	✓
MONO RAIL FRAME	✓

- **Heavy-Duty Bearing System**
  High-performance bearings ensure smooth and durable sash movement, even under heavy loads.
- **Multi-Point Locking Options**
  Compatible with single or multiple locking mechanisms integrated within the sliding sash.
- **Integrated Fly Screen System**
  The frame is designed with a built-in fly screen netting solution for added comfort and protection.

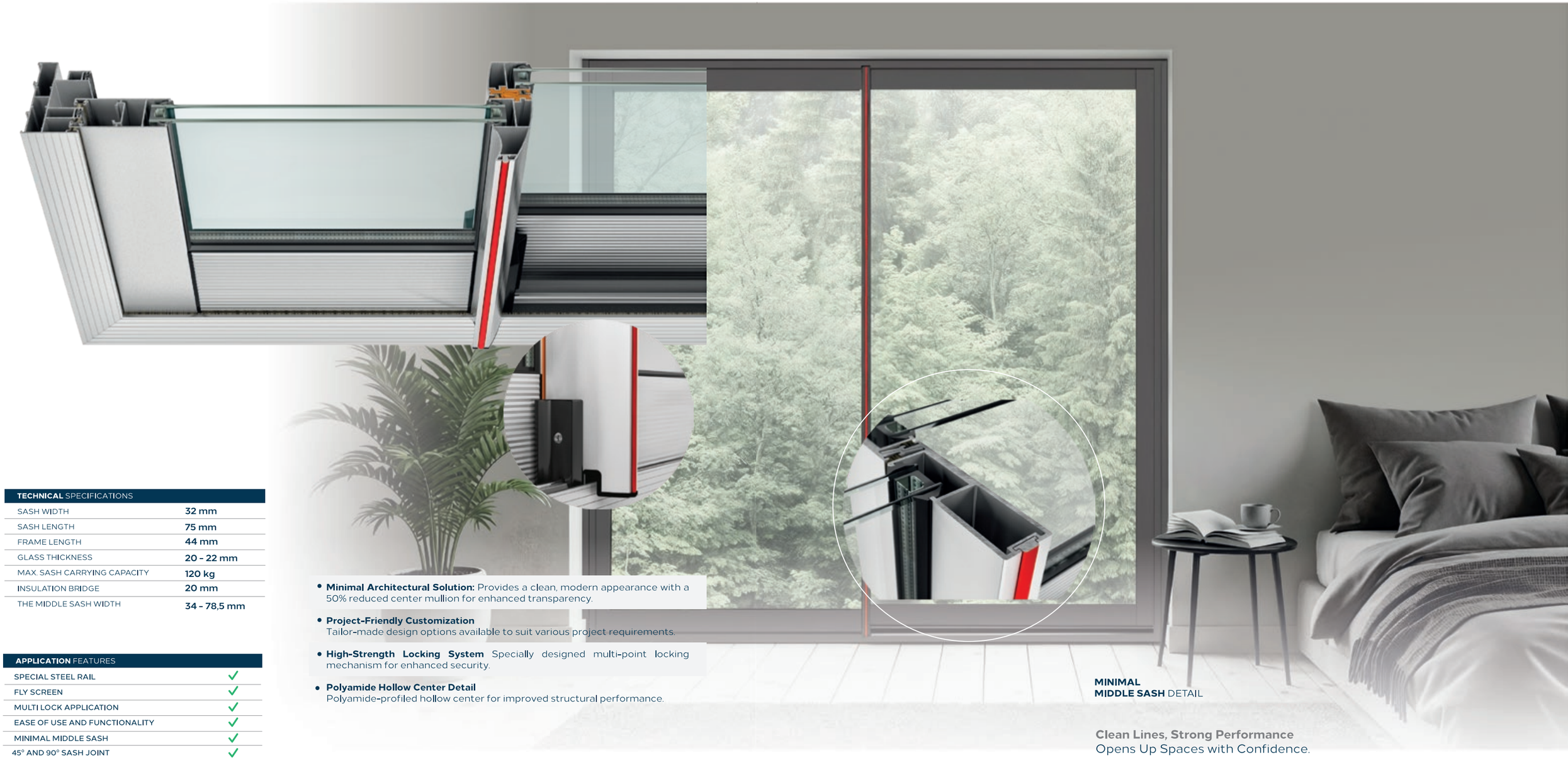


EASE OF **INSTALLATION**

FLY SCREEN **DESIGN**

LR2100 LINEA ROSSA | UNINSULATED SLIDING SYSTEM

DESIGNED by
LINEA ROSSA®
WINDOWS | DOORS | FACADE



TECHNICAL SPECIFICATIONS	
SASH WIDTH	**32 mm**
SASH LENGTH	**75 mm**
FRAME LENGTH	**44 mm**
GLASS THICKNESS	**20 - 22 mm**
MAX. SASH CARRYING CAPACITY	**120 kg**
INSULATION BRIDGE	**20 mm**
THE MIDDLE SASH WIDTH	**34 - 78,5 mm**

APPLICATION FEATURES	
SPECIAL STEEL RAIL	✓
FLY SCREEN	✓
MULTI LOCK APPLICATION	✓
EASE OF USE AND FUNCTIONALITY	✓
MINIMAL MIDDLE SASH	✓
45° AND 90° SASH JOINT	✓
3 TRACK FRAME	✓
MONO RAIL FRAME	✓

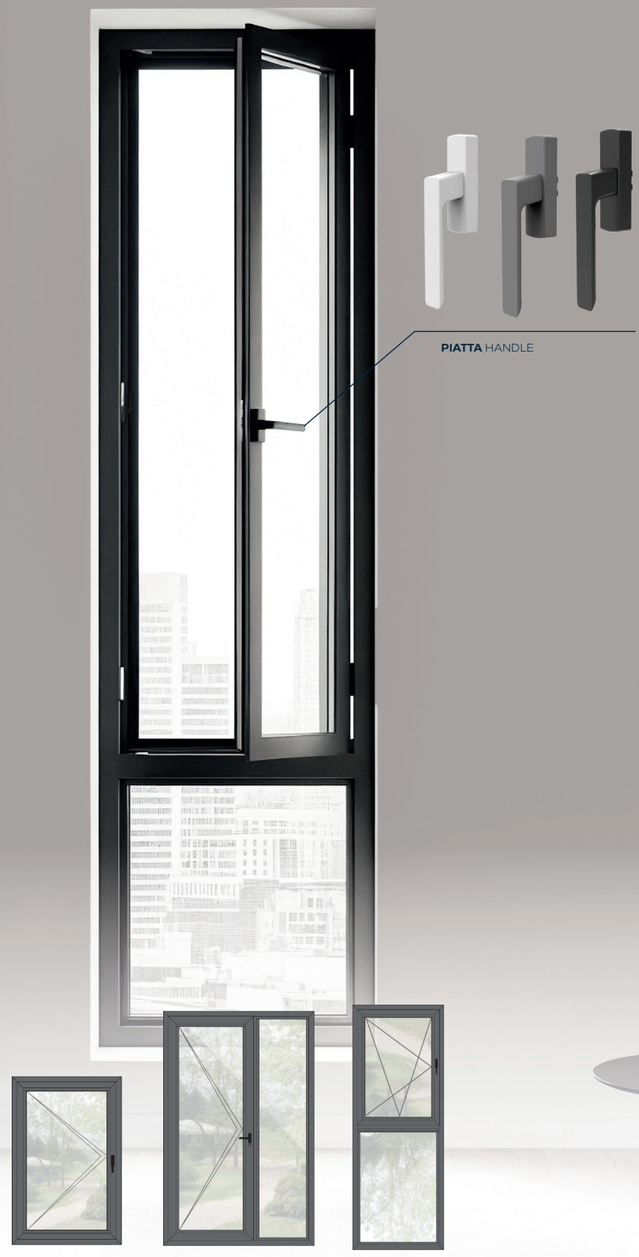
- **Minimal Architectural Solution:** Provides a clean, modern appearance with a 50% reduced center mullion for enhanced transparency.
- **Project-Friendly Customization**
  Tailor-made design options available to suit various project requirements.
- **High-Strength Locking System** Specially designed multi-point locking mechanism for enhanced security.
- **Polyamide Hollow Center Detail**
  Polyamide-profiled hollow center for improved structural performance.

MINIMAL
MIDDLE SASH DETAIL

Clean Lines, Strong Performance
Opens Up Spaces with Confidence.

EASE OF **INSTALLATION**

FLY SCREEN **DESIGN**



PIATTA HANDLE

Optimum Solution with Versatile Profile Options

TECHNICAL SPECIFICATIONS	
SASH WIDTH	72 mm
SASH LENGTH (MIN.)	90 mm
FRAME WIDTH	65 mm
GLASS THICKNESS	16-42 mm
MAX. SASH CARRYING CAPACITY	120-200 Kg.
INSULATION BRIDGE	24 mm

APPLICATION FEATURES	
EASE OF USE AND FUNCTIONALITY	✓
ADJUSTABLE LOCK STRIKE	✓
TRIPLE GLASS WITH BLINDS GLASS POSSIBILITY	✓
HEAT AND SOUND INSULATION	✓
FLY SCREEN	✓
LOW THRESHOLD OPTION	✓
DOUBLE OPENING	✓
HIDDEN SASH	✓

Improved thermal insulation through different profile combination possibilities.

Compatible with both inward and outward **opening applications for functional versatility.**

Durable sealing and hinge mechanisms ensure **long-lasting performance.**

SOUND PERFORMANCE

WATER ISOLATION

www.linearossa.eu

LR4100 LINEA ROSSA | UNINSULATED OPENING SYSTEM

DESIGNED by
LINEA ROSSA®
WINDOWS | DOORS | FACADE

TECHNICAL SPECIFICATIONS	
FRAME WIDTH	45 mm
FRAME LENGTH	50 mm
SASH WIDTH	52 mm
SASH LENGTH	64 mm
MAX. GLASS WEIGHT	80 Kg.

APPLICATION FEATURES	
EASE OF USE AND FUNCTIONALITY	✓
DOUBLE GLAZING APPLICATION	✓
3 STAGE GASKET	✓
SOUNDPROOF	✓
SINGLE OR DOUBLE GLASS	✓

3 Stage Gasket

SOUND **PERFORMANCE**

WATER **ISOLATION**

"Seamless Opening,
Endless Possibilities."

www.linearossa.eu

LR4500 LINEA ROSSA | UNINSULATED OPENING SYSTEM

DESIGNED by
LINEA ROSSA®
WINDOWS | DOORS | FACADE

LR 4500 creates a seamless connection between indoor and outdoor spaces with its wide glass surfaces and sleek profiles.

Designed to function as either a window or a door, it offers versatile opening options to suit various needs.

While its non-insulated structure provides an economical solution, its elegant design brings a refreshing atmosphere to any space."

TECHNICAL SPECIFICATIONS	
FRAME WIDTH	**55 mm**
FRAME LENGTH	**63,7 mm**
SASH WIDTH	**62 mm**
SASH LENGTH	**74,3 mm**
MAX. GLASS WEIGHT	**130 Kg.**

APPLICATION FEATURES	
EASE OF USE AND FUNCTIONALITY	✓
DOUBLE GLAZING APPLICATION	✓
3 STAGE GASKET	✓
SOUNDPROOF	✓
SINGLE OR DOUBLE GLASS	✓

3 Stage Gasket

Thermal glass application: Single or double glazing application up to 40 mm

Max. glass weight: 130 Kg. doors and windows

Sealing: 3 gasket applications

Unique concepts and designs utilizing powder coating and wood effects.

SOUND
PERFORMANCE

WATER
ISOLATION

"An elegant solution that opens freely in any space."

www.linearossa.eu

LR6000 LINEA ROSSA | BI FOLD SHUTTER SYSTEM

DESIGNED by
LINEA ROSSA®
WINDOWS | DOORS | FACADE

Ventilation

TECHNICAL SPECIFICATIONS	
FRAME WIDTH	57 mm
SIDE FRAME LENGTH	47 mm
BOTTOM FRAME LENGTH	47 mm
SASH WIDTH	49 mm
SASH LENGTH	71 mm

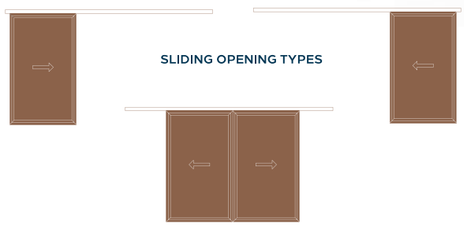
APPLICATION FEATURES	
EASE OF USE AND FUNCTIONALITY	✓
SLOTTED THRESHOLD	✓
FOLDABLE OR OPEN-CLOSE	✓
FOLDS IN BOTH DIRECTIONS	✓
VENTILATION FACILITY	✓

TK **COUNTRY**

Special effect series
(wood look)

- **Effortless Operation**
  Easy-to-open and close mechanism ensures smooth and comfortable daily use.
- **Flexible Design Options**
  Offers multiple opening types and customizable configurations to suit various architectural needs.
- **Versatile Threshold Applications**
  Compatible with both standard and recessed threshold applications using a bottom guide system.
- **Unlimited Color Selection**
  Wide range of color options available to complement any façade or architectural style.

"Flexible opening,
elegant design."



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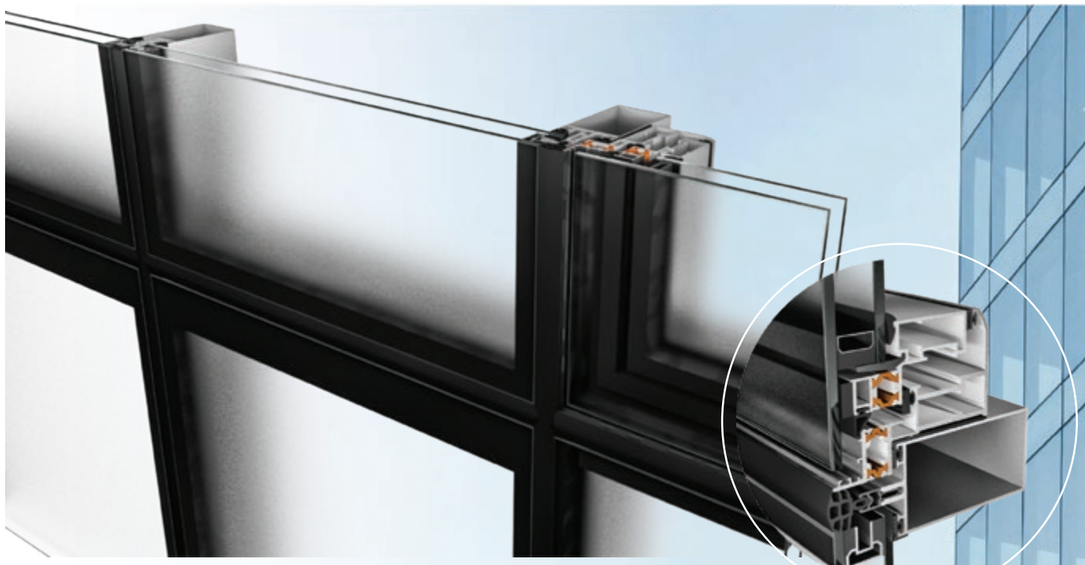


LR9200

APPLICATION FEATURES	
MODERN LOOK	✓
BUILDING-SPECIFIC SOLUTIONS	✓
AIR AND WATER IMPERACTION	✓
SOUND INSULATION	✓
MORE NATURAL LIGHT	✓

- **Window Integration Capability**
  Enables the inclusion of operable window modules within the façade system, supporting ventilation and user comfort without compromising design integrity.

- **Stick Closure Clip Application**
  Provides efficient assembly through specialized stick closure clips, facilitating faster installation and structural alignment.

- **Uniform Profile Width**
  Vertical and horizontal profiles are designed with a consistent **50 mm** profile width, ensuring aesthetic continuity and structural harmony.

LR9300

APPLICATION FEATURES	
MODERN LOOK	✓
BUILDING-SPECIFIC SOLUTIONS	✓
AIR AND WATER IMPERACTION	✓
SOUND INSULATION	✓
MORE NATURAL LIGHT	✓

- **Support for 945 mm Glass Applications**
  Allows for wide glass panel applications up to **945 mm**, enabling expansive and uninterrupted glass surfaces.

- **Uniform Profile Width**
  Vertical and horizontal profiles are designed with a consistent **60 mm** profile width, ensuring aesthetic continuity and structural harmony.

LR9500 LINEA ROSSA | FACADE SYSTEM

DESIGNED by
LINEA ROSSA®
WINDOWS | DOORS | FACADE

Our revolutionary anodized curtain wall system, can be adapted to fit any architectural design around the World. This unique system has been used to dress the prestigiuos **Mistral Towers** located in the center of İzmir, Turkey. The thermal and water insulation, coupled with the strength and durability makes this system unbeatable in visual and structural design. What makes this system and the luxury **Mistral Towers** so exclusive, is due to the process of cold bendind which was used to construct the project, making this the first of kind in Turkey and an architectural phenomenon.

MISTRAL TOWER IZMIR

APPLICATION FEATURES	
MODERN LOOK	✓
BUILDING-SPECIFIC SOLUTIONS	✓
AIR AND WATER IMPERACTION	✓
SOUND INSULATION	✓
MORE NATURAL LIGHT	✓
STATIC AND FUNCTIONAL DURABILITY	✓

SOUND **PERFORMANCE**

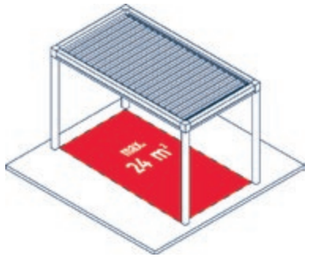
WATER **ISOLATION**

What makes this system and the luxurious **Mistral Towers** so special is the **Cold Bending** process used in the construction of the Project, which is the first of its kind in Turkey and an architectural phenomenon.

www.**linearossa**.eu

DESIGNED by
LINEA ROSSA®
WINDOWS | DOORS | FACADE

Beam & Groove	283 / 220 mm
Panel	252 / 44 mm
Pole	133 / 133 mm
Max. Dimension (area)	**24 m²**
Installation - 4 Poles:	**Self Standing**
Installation - 1,2 or 3 Poles:	**Wall Mounting**

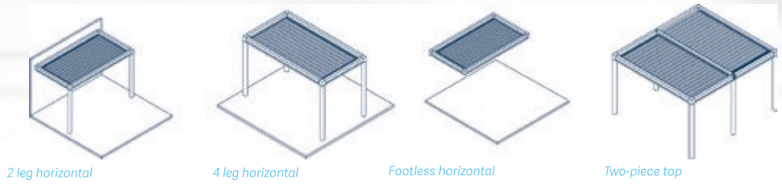


Closing Time: 7.5 sec/m.

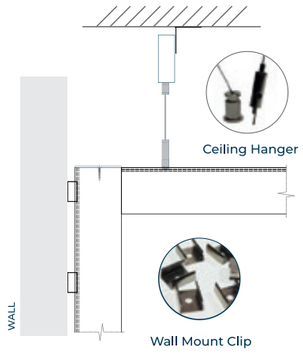
Remote-Controlled Operating System

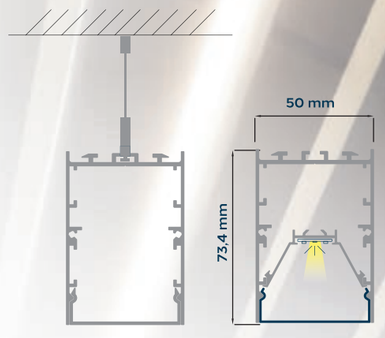
Water drainage

Ventilation



2 leg horizontal *4 leg horizontal* *Footless horizontal* *Two-piece top*





APPLICATION FEATURES	
LIGHTING POSSIBILITY	✓
BUILDING-SPECIFIC SOLUTIONS	✓
WIDE RANGE OF DESIGNS	✓
DECORATIVE USE	✓

Flexible Design and Application Variety
Offers versatility through alternative installation methods and a wide range of design combinations, supporting different architectural concepts.

Illumination and Decorative Functionality
Provides both functional lighting and decorative enhancement, contributing to the aesthetic character of interior and exterior spaces.

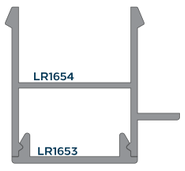
Unlimited color choices,
combined with **LED lighting** options

LED Length

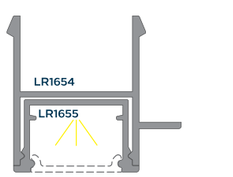
- 500 mm
- 1000 mm
- 1500 mm

For special measurements,
please contact us.

SIMPLE SOLUTIONS
EXTERIOR & INTERIOR DESIGN

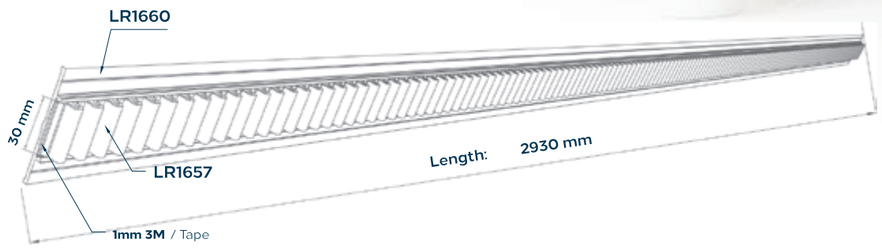


WITHOUT LED



WITH LED

APPLICATION FEATURES	
LIGHTING POSSIBILITY	✓
BUILDING-SPECIFIC SOLUTIONS	✓
MODERN AESTHETIC DESIGN THAT LEADS ARCHITECTURAL TRENDS	✓

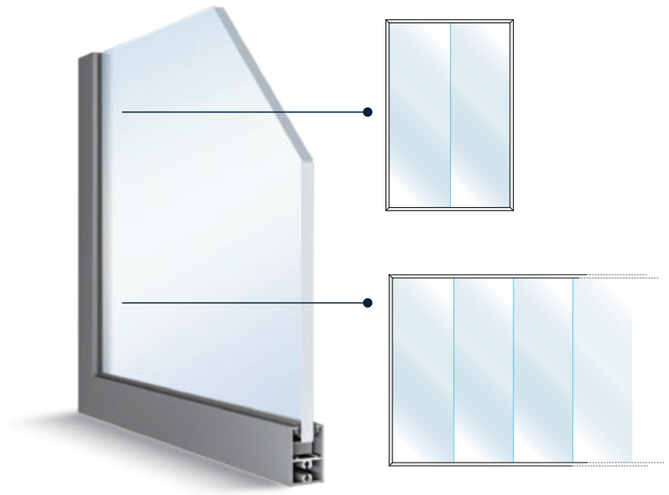


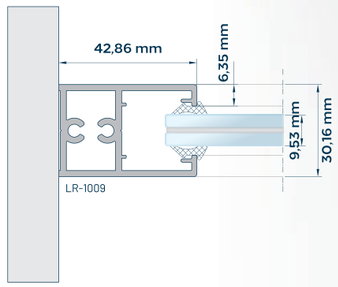
LR1657

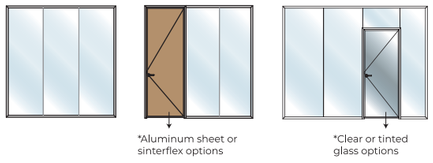
Height	30 mm
Width	154 mm
Qty	19

DECORATIVE USE
LIGHTING POSSIBILITY

EASE OF PRODUCTION
& INSTALLATION



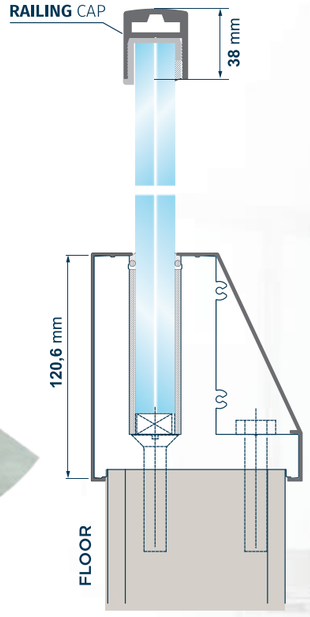


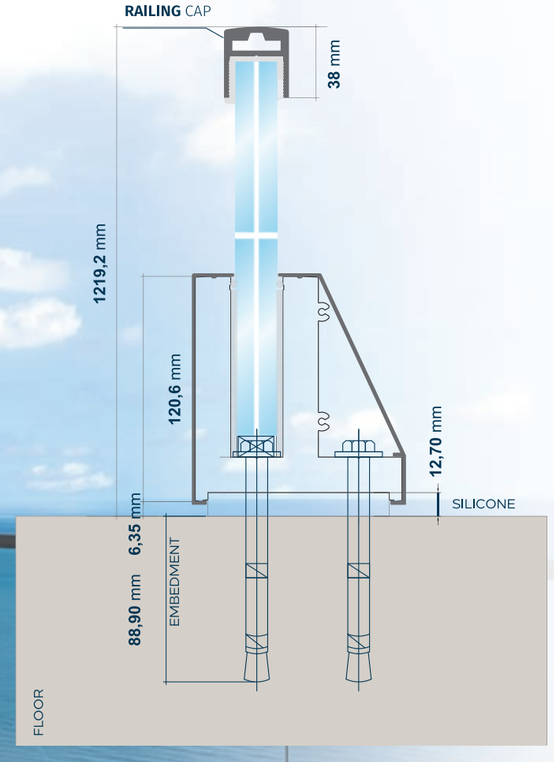


Ultra-thin Aluminum Glass Door Frame
It features an ultra-thin aluminum glass door frame that creates a minimalist visual in office partitions.

Sidelites Complement the Thin Frame
Low-profile channels on adjacent sidelites complement the thin frame.

Customizable frameless systems





- **Two-Part Adjustable Anchors**
  The system is equipped with two-piece anchor components that ensure strong and secure attachment to the concrete substrate. These anchors are adjustable to suit the geometry of the building, offering ease of alignment and enhanced adaptability on-site.

- **Vertically Embedded Holder Profiles**
  One of the most distinctive aspects of the system is the use of vertically embedded aluminum holder profiles within the flooring. The design includes four modular profiles—two concave and two convex—each in a two-part structure, allowing for durable integration and efficient assembly.

Durable and Low Maintenance:
Resistant to rust and weather conditions, aluminum railings last for years with minimal upkeep

MINIMAL LOOK
MAXIMUM VIEW

MAXIMUM
SECURITY

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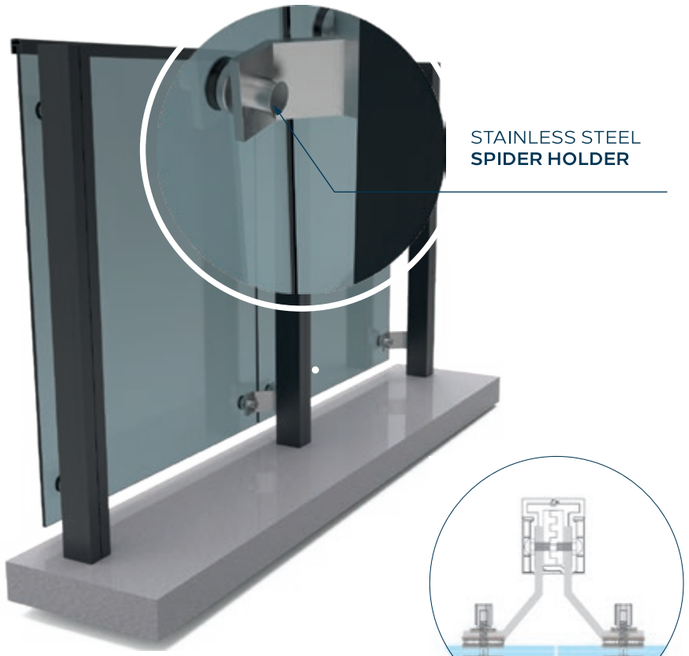
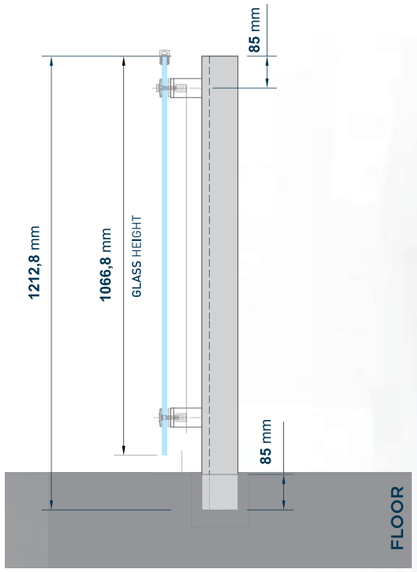




REINFORCEMENT
Alternative

“Clear Views, Bold Support”

- **Modern Aesthetics & Superior Strength**
  A vertical glass support system designed for modern architectural projects, offering both visual elegance and top-level durability.
- **Unobstructed Views with Continuous Base Profiles**
  Continuous base profiles without vertical mullions ensure wide, open views and create a feeling of luxurious freedom.
- **Quick and Easy Installation**
  Designed for efficient assembly, the system allows for fast and straightforward installation on site.
- **Seamless Long-Length Applications**
  Allows for extended constructions without glass alignment problems, maintaining a clean and continuous appearance.

Durable and Low Maintenance:
Resistant to rust and weather conditions, aluminum railings last for years with minimal upkeep

MINIMAL LOOK
MAXIMUM VIEW

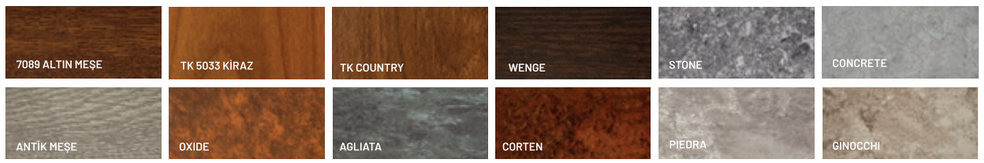
MAXIMUM
SECURITY

COLOR CHART

Nano anodized colors are designed for anodizing architectural metal components such as window and door frames, facade systems, sunshades, railings, and all types of aluminum sheets. Additionally, they can be used for anodizing any kind of industrial aluminum surfaces. This anodizing process has been developed by an Italian company, which has conducted and certified all necessary surface durability tests. Notably, its high UV resistance allows it to be used outdoors under all climatic conditions.

Nano Anodizing

Special Effect



Wood-look decorative and modern solutions, used in door and window systems, home and office furniture, and the white goods industry, are among the most sought-after materials in the world of decoration. They can be safely used for many years on all types of metal, glass, and heat-resistant plastic surfaces, offering a wide range of durable, natural, and long-lasting color and pattern options.

VERSATIL COLOUR OPTIONS
for style & comfort

APPLIED TESTS

- ***All test for oxide quality:***
  ISO 1463 / ISO 2106 / ISO 2360
- ***All test for sealing quality***
  ISO 2931 / ISO 2932 / ISO 3210 / ISO 2143
- ***Main tests for corrosion and light resistance***
  Resistance to Kesternich Test
  Method: Following DIN 53384 duration of test: 2400 hrs.
  Apparatus: QUV spray option apparatus
  Light Source : 8 fluorescent UV-A 340 lamps with a spectrum from 295-400 nm. The lamps have a peak emission at 340nm %2 of its total light output.

TEST CONDITIONS

5 hrs dry UV exposure with a black standard, temperature of 50 0C +- 10C relative humidity %10+- 1 followed by 1 hr. conditioned water spray, without radiation at 20 0C +- 1 0C temperature black standard.

Florida Test / Taber Test

Note: Alloy of Aluminium surface, design of the profile and different thickness of the profile may cause slight variations on colours form the catalogue colours. This catalogue is not contractually binding.

GENERAL INFORMATION

- ***Pretreatment:*** Metallic surfaces are prepared and applied to surface treatment to protect their surface and preparing them to nextprocesses
- ***Material Painting:*** Painted via aluminum electrostatic method with special powder paint.
- ***Decoration:*** Proper decor is selected according from the application area of the profile or the panel and high quality in decoration is received by the special decoration method

There may be differences in tone between the colors shown in the catalog and the actual colors.
Please make sure you see the **original color sample.**

Powder Coating
2604

Powder Coating
2605

Cube Trevisan **VERTICAL POWDER COATING** facility was established in 2015 and has an annual production **capacity of 5400 TONS**

Euroimpianti **VERTICAL POWDER COATING** facility was established in 2023 and has an annual production **capacity of 24000 TONS**

Our profiles are certified with electrostatic powder coating for superior surface quality and have the **"SEASIDE"** certificate. In addition, our vacuum system allows special effect coloring, including imitation wood veneers.

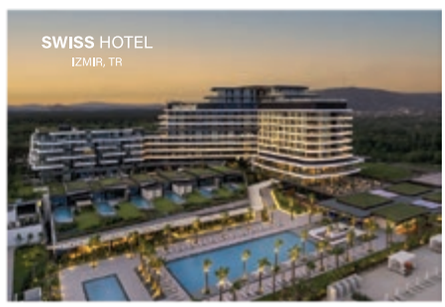
Qualicoat **SEASIDE**

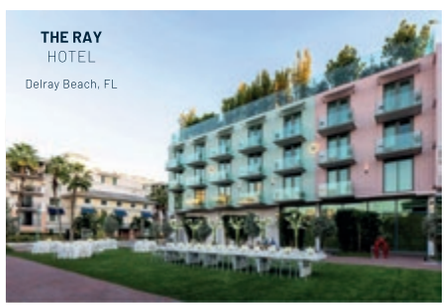
Standard Color

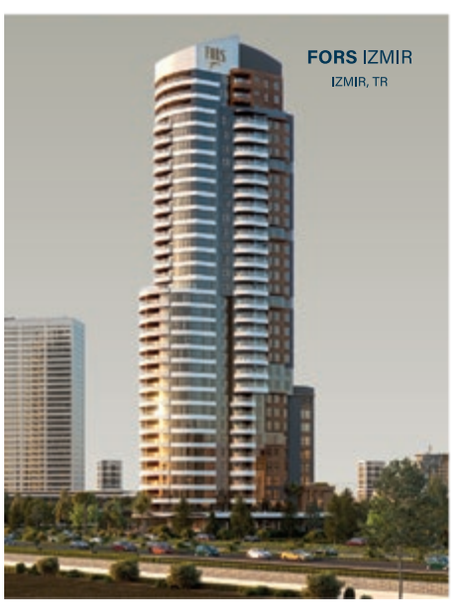
BEYMETAL IS THE AUTHORIZED
APPROVED APPLICATOR OF AKZONOBEL
EXTRA **5 YEAR** warranty

ALUMINIUM
in every SHADE of style.

2604-2605



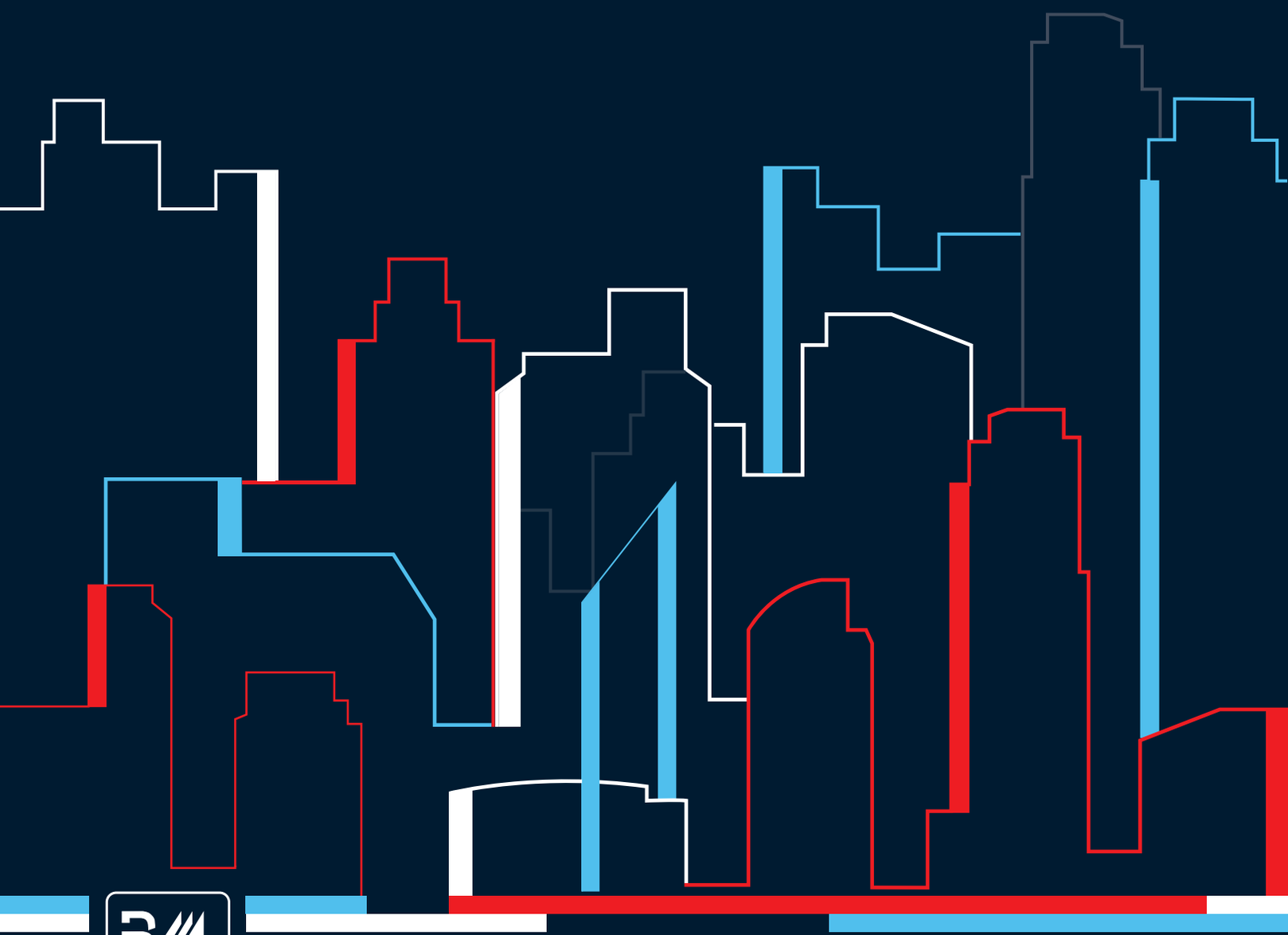




Elevating Every Facade

LINEA ROSSA®

WINDOWS | DOORS | FACADE



BEYMETAL ALÜMİNYUM

2025

www.**linearossa**.eu

grande | series

Aluminum Architectural Systems