



BUILD RIGHT WINDOW



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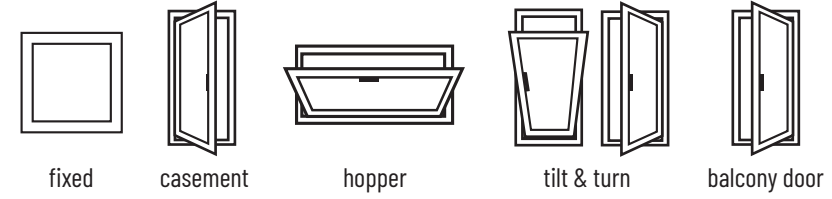
NEO LINE



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NEO LINE

OPERATION TYPES



CONSTRUCTIONS TYPES



NEO Windows

SIMPLE STRUCTURES, MINIMALIST DESIGN

Strong angles and minimalist architecture with a visual lightness of design. A simple, symmetrical, cubist shape is the hallmark of NEO. The system meets the highest requirements for energy efficiency and the latest design trends.

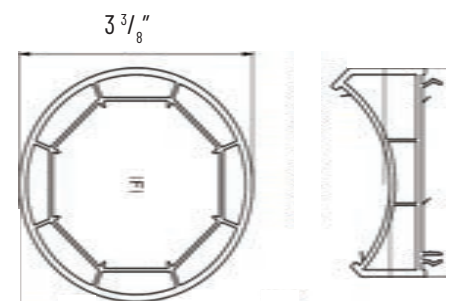
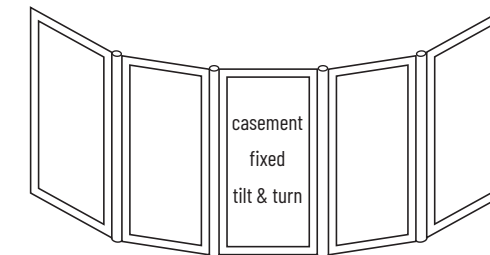
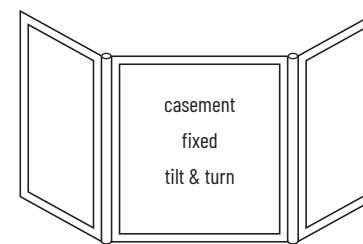
Design squared - slim and clear shapes are obtained both from the outside and from the inside, thanks to a new range of glazing beads with straight contours.

The NEO 3.0 system is a system with the so-called „classic center seal“, which is a special extruded middle rebate, to which the third, internal seal adheres strongly ensures better tightness of the entire construction, improves thermal and acoustic properties, and makes it more difficult to force open the sash by blocking access to the hardware.

Premium decorative structures - in addition to the profile shape, the design and visual perception of NEO windows are also influenced by new premium decorative structures: woodec and aludec. They provide a very realistic reflection of the chosen structure - timeless wood or on trend metallic or aluminum type.



BAY or BOW WINDOW options

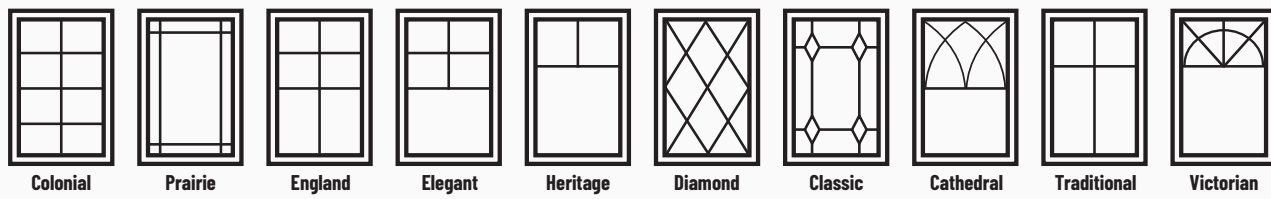
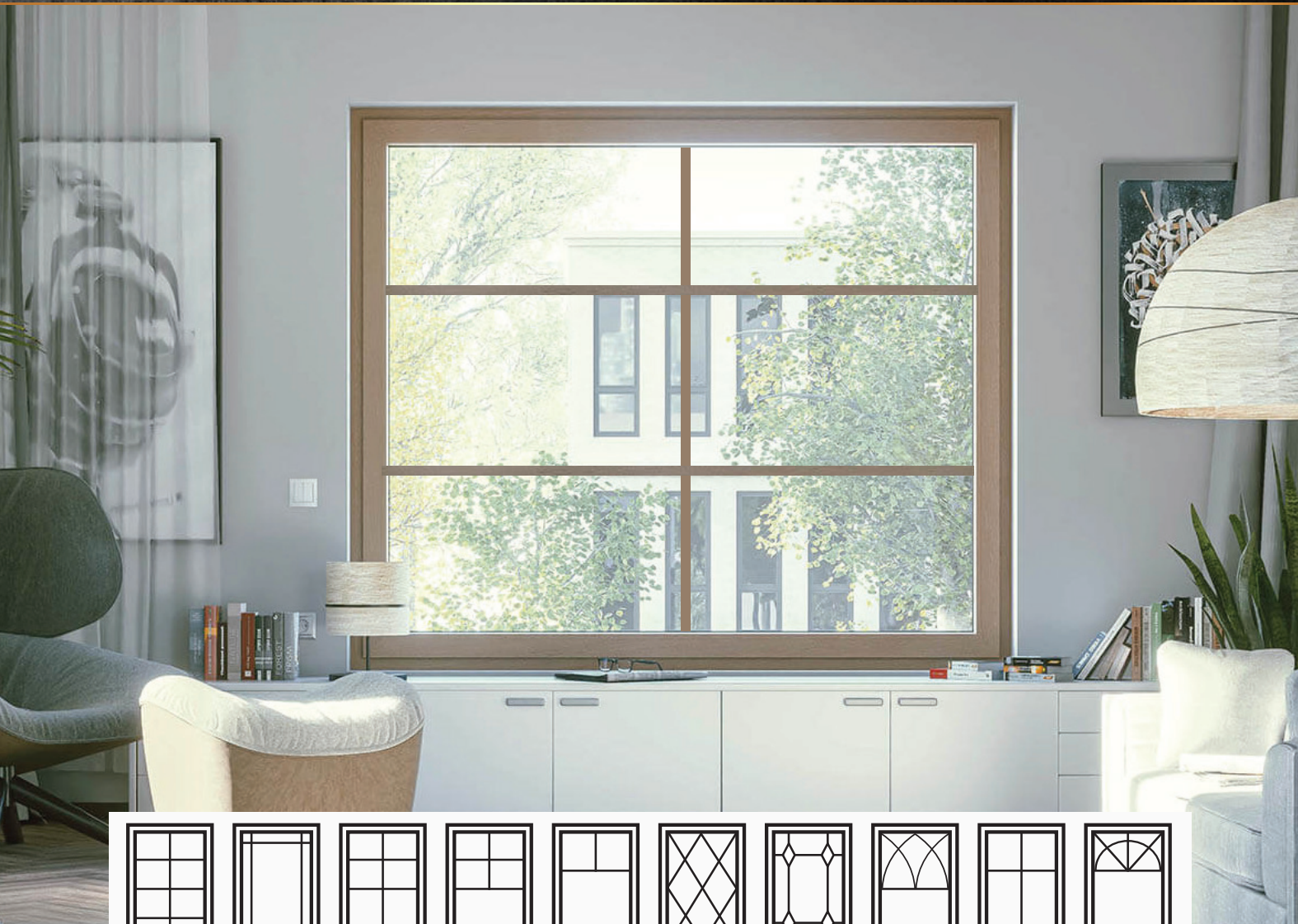


It enables the installation of window structures that are connected at any angle from 90° to 180°. The use of this element allows for the installation of windows in bay or bow windows.



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NEO LINE



MUNTINS



GBG (Grilles between-the-glass):

- 6/8"
- 1"



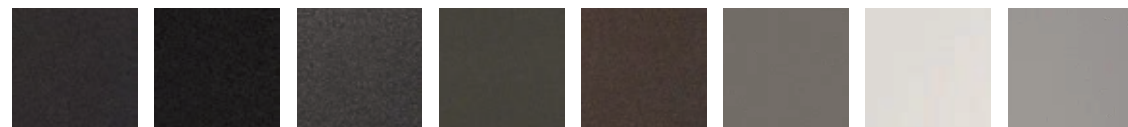
SDL (Simulated Divided Lites):

- 1"
- 1 6/8"

WOODEC COLORS



ALUDEC COLORS



*Other color options may be available upon request. Refer to color guide for specific color names.

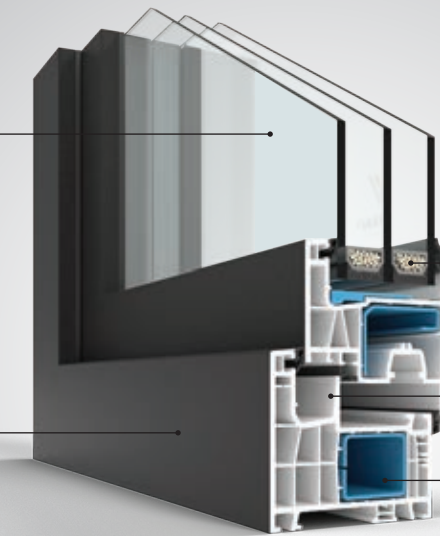
NEO LINE



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Rely on it.



SWISSPACER

The edge of tomorrow.

STRONG PROFILE WITH ANTIBURGLARY FIN

STEEL REINFORCES

TESTED & CERTIFIED:



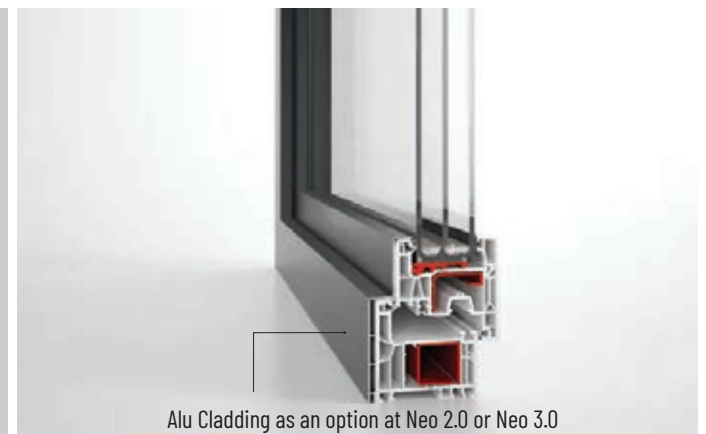
EXTENSIONS & CLADDINGS



NEO 3.0 with nailing fin



NEO 2.0 with nailing fin

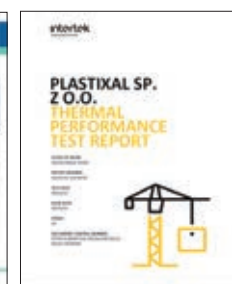


Alu Cladding as an option at Neo 2.0 or Neo 3.0

PERFORMANCE RATINGS

NFRC National Fenestration Rating Council® CERTIFIED	ENERGY PERFORMANCE RATINGS	
	U-Factor (U.S./I-P)	Solar Heat Gain Coefficient
	0.17	0.20
ADDITIONAL PERFORMANCE RATINGS		
Visible Transmittance	Condensation Resistance	
0.23	60	

The lowest coefficients from the tests are given. The coefficients may vary depending on the glazing units used.



Design Pressure (DP) | +45.11psf

Structural Pressure (STP) | +67.67psf



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NEO LINE

GLAZING

Glazing Unit Types



double glass triple glass

Glass Types

- Annealed
- Tempered
- High Altitude

Low-E Coating

- Premium
- SunGuard®
- ClimaGuard®

EXTRAS

- Laminated Sound Glazing
- Ceramic, Enamel
- Bird Safe Glazing
- Frosted

HANDLES

Dublin



Victory



Atlanta Secustic



HANDLES OPTIONS:

- standard
- with the button
- with the key

Limiters



MAXIMUM SIZES*

NEO 2.0	Max. Height	Max. Width
White Window Frame	98 3/8"	59"
Color Window Frame	94 1/2"	55"

NEO 3.0	Max. Height	Max. Width
White Window Frame	98 3/8"	63"
Color Window Frame	94 1/2"	63"

*Both maximum height and maximum width cannot be applied at the same time.

NEO LINE



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SCREENS



Fixed

Sliding

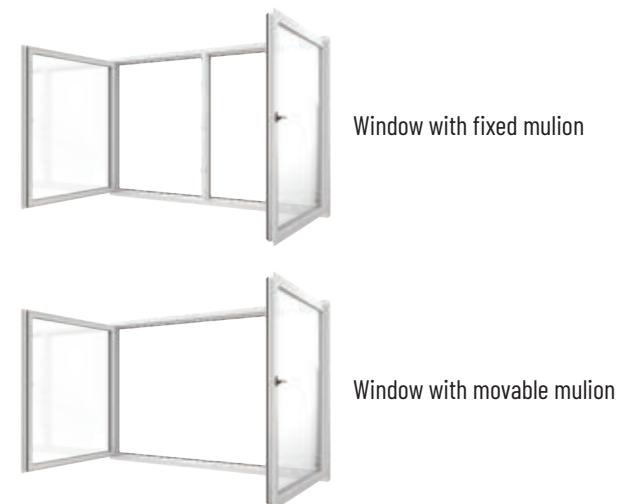
Refractible

Pleated

HINGES OPTIONS



POST OPTIONS



Window with fixed mullion

Window with movable mullion

FRENCH WINDOW / BALCONY





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NEO LINE

SIMPLY SMART.

Smart-slide NEO sliding door is a new solution in the sliding door segment, providing an attractive alternative to old type patio doors. Its secret lies in simplicity and the use of proven solutions.

This is a great option for both single-family housing and public buildings, where easy operation and reliability are expected from patio doors.



SMART SLIDE NEO Sliding Doors

DESIGN SQUARED

Smart-slide NEO is a nod to minimalist Scandinavian design. The simple, symmetrical, cubist shapes characteristic of the entire NEO series and the slim, distinct profiles give the windows extraordinary lightness and elegance.

The non-operable part of the construction was designed in line with the modern trends - in extremely narrow profiles. As a result, you gain bigger glazed area and beautiful views with it. This solution will meet the expectations of even the most demanding customers.

SMART-SLIDE NEO PATIO DOORS - ease of use, reliability, and beauty in one.

Smart-slide NEO is all about large glass surfaces, a timeless trend, which will allow you to enjoy great panoramic views and give out the impression of openness and spaciousness.

Smart-slide NEO's maximal dimensions measure at 236" x 98". The sash alone can be even 98" wide.

Smart-slide NEO sliding doors can be made in two configurations:

- Configuration A with one sliding panel;
- Configuration C with two panels sliding to the sides.

CHARACTERISTICS:

- Installation depth - 6"
- Sash installation depth - 3"
- Maximum dimensions of the construction - 236" x 98"
- 2 basic standards of glazing width - 15/16" and 1 7/8"
- Possible opening configurations - A, C
- Application - balcony, terrace, windows

Smart-slide NEO sliding door



SPACE OPTIMALLY UTILIZED SAVING SPACE

The use of Smart-slide NEO sliding doors is also a step towards optimal use of space inside rooms, as opening the door does not require opening the sashes, which would limit the living space.



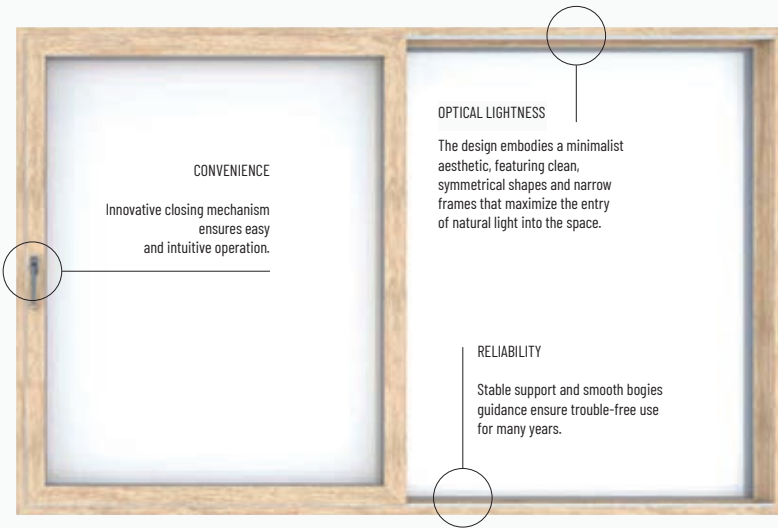
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NEO LINE

NEO LINE



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Smart-slide NEO sliding door

EXIT TO THE PATIO

MORE CONVENIENT THAN EVER

Smart-slide NEO offers a minimalist design inspired by Scandinavian aesthetics. Simple, symmetrical shapes and slim, distinct profiles give the windows extraordinary lightness and elegance.

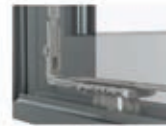
Choose Smart-slide NEO sliding patio door: let the sunlight in

The non-operable part of the fixed glazing realized in extremely narrow profiles allows maximization of glazed areas and reduction of frame area, which is in line with customer expectations and trends in modern glazing design.



SQUARE DESIGN

Simple, symmetrical shapes make Smart-slide NEO a perfect combination of modern style and elegance.



INTUITIVE OPERATION

After unlocking, the door slides with exceptional smoothness, requiring minimal force.



TIGHTNESS

By turning the handle, the perimeter gaskets are compressed transversely against the frame, ensuring a tight seal all around.

FOR THE PATIO AND... KITCHEN

VERSATILE ADVANTAGE

Smart-slide NEO is not limited to patio doors alone; it is also an ideal solution for kitchens where cabinetry may restrict the functionality of traditional casement windows.

By incorporating Smart-slide NEO sliding windows, you can achieve expansive glazing while maximizing space efficiency.

Smart-slide NEO windows are also lightweight and easy to operate. The sash smoothly slides on rollers when opened. The option of locking at any position is a great alternative to traditional window restrictors and limiters.



SCHEMES OF OPENING



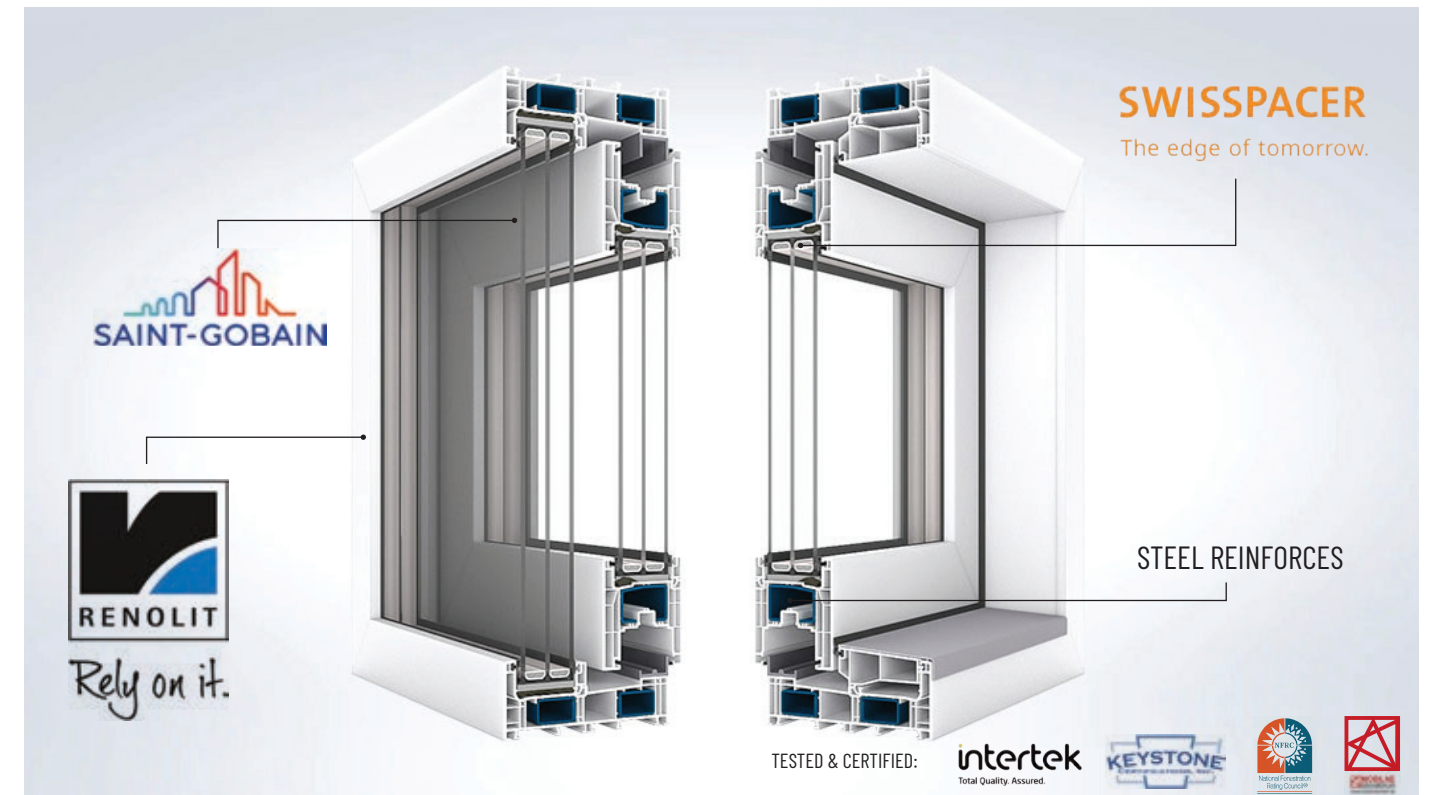
Scheme A, asymmetrical



Scheme C



Scheme A, symmetrical



MAXIMUM SIZES*

	Max. Height	Max. Width
SMART SLIDE NEO	98"	236"

*Both maximum height and maximum width cannot be applied at the same time.

Design Pressure (DP)	Structural Pressure (STP)
+45.11psf	+67.67psf

PERFORMANCE RATINGS

ENERGY PERFORMANCE RATINGS	ADDITIONAL PERFORMANCE RATINGS	
	U-Factor (U.S./I-P)	Solar Heat Gain Coefficient
0.17	0.21	
VISIBLE TRANSMITTANCE	CONDENSATION RESISTANCE	
	0.25	58

The lowest coefficients from the tests are given. The coefficients may vary depending on the glazing units used.



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VISION LINE

VISION LINE



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SINGLE SLIDE - Sliding Window system

Sliding windows open horizontally while moving on a track. They do not require any extra space to operate, so they are commonly used in tight walkways, porches and patios. They are made out of our unique vinyl formula and are performance tested for outstanding weathering, color retention and durability.

- Easy installation of hardware.
- Specially designed chamber for mosquito net.
- 3/4" glazing thickness range.
- Integral accessory grooves.
- 3 1/4" depth of frame.
- One movable sash.
- Exterior glazed sash.
- Available without integral nailing fin for replacement window applications.
- Triple weather seal at interlock.
- Integral nailing fin for new construction applications.

DOUBLE SLIDE - Sliding Window system

Sliding windows open horizontally from one side to another. While moving on a track, they do not require any extra space to operate. Sliding windows are commonly used in tight walkways, porches and patios. It can offer controlled and smooth access to fresh air. They are made out of our unique vinyl formula and are performance tested for outstanding weathering, color retention and durability.

- Easy installation of hardware.
- Specially designed chamber for mosquito net.
- 3/4" glazing thickness range.
- Integral accessory grooves.
- 3 1/4" depth of frame.
- Two movable sashes.
- Exterior glazed sash.
- Available without integral nailing fin for replacement window applications.
- Triple weatherseal at interlock.
- Integral nailing fin for new construction applications.

SINGLE-HUNG - Lifting Window system

The Single-Hung window sash can be lifted only from the bottom. The main difference compared to the Double-Hung window is that the Single-Hung has a fixed glazing in the upper part. As a consequence of it, they are very energy efficient and easy to operate.

- Integral nailing fin for new construction applications.
- Upper part is made as a fixed glazing.
- Available without integral nailing fin for replacement window applications.
- Triple weatherseal at interlock.
- Integral accessory grooves.
- 3 1/4" depth of frame.
- 3/4" glazing thickness range.
- Exterior glazed sash.
- Handle integrated with a sash.
- Chamber for mosquito net.
- Sloped sill for better drainage of water.
- Firm sill leg and screen chamber that prevent warping and rippling.

CASEMENT - Window that opens outward

Casement windows are hinged on one side and open outward to the right or left. It effortlessly opens and closes with a special crank that can be folded away when not in use. It is commonly used above kitchen sinks or a bathtub. Casement windows can offer you excellent energy efficiency compared to other American window profile systems. When screens are included, they are placed on the interior side of a window.

- Integral nailing fin for new construction applications.
- Available without integral nailing fin for replacement window applications.
- 3 1/4" depth of frame.
- Opens and closes with a special crank and a single handle.
- Available as an Awning type of a window.
- Exterior glazed sash.
- 3/4" glazing thickness range.
- Integral accessory grooves.
- Excellent triple sealing.

DOUBLE-HUNG - Lifting Window system

The Double-Hung window can be lifted from the bottom or lowered from the top with two independent sashes. They are easy to clean as both of the sashes tilt inward for simple access to the exterior and interior panes of glazing. Double-Hung windows do not require any extra space to operate, so they can maximize both interior and exterior space.

- Available without integral nailing fin for replacement window applications.
- Integral nailing fin for new construction applications.
- Specially designed chamber for mosquito net.
- 3 1/4" depth of frame, 3/4" glazing range.
- Exterior glazed sash.
- Triple weatherseal at interlock.
- Double weatherseal on the sides and upper parts of the window frame.
- Handle integrated with a sash.
- Sloped sill for better drainage of water.
- Firm sill leg and screen chamber that prevent warping and rippling.

PATIO DOOR - Sliding Door system

Include a strong and long lasting patio door in your home with increased security features. Patio doors slide open horizontally, so they require less space to operate. Through large panels of glass we can create bright and airy spaces with a large amount of natural light. Compared to other American window systems, it is highlighted by a higher safety standard. It can be used in both traditional and modern architecture.

- 5 1/8" depth of frame.
- Exterior glazed sash.
- Integral nailing fin for new construction applications.
- Specially designed chamber for a sliding mosquito net.
- Rigid steel reinforcement of sashes, 1,5 mm thick.
- Available without integral nailing fin for replacement window applications.
- Triple weatherseal at interlock.



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ALUMINUM LINE



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ALUMINUM LINE

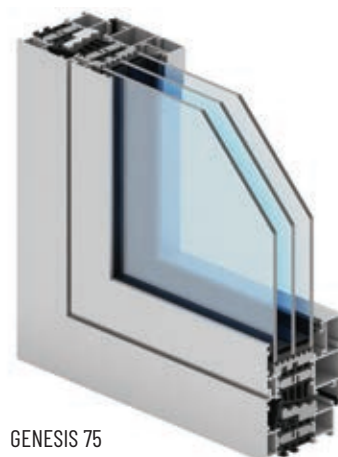


GENESIS 75 Windows and Doors

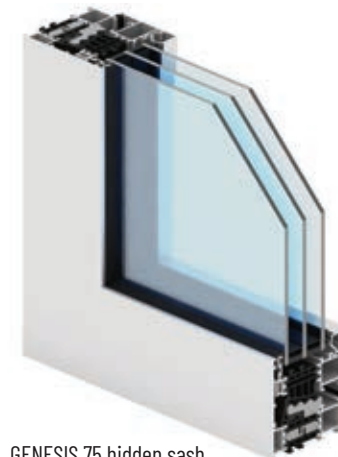


WINDOWS AND DOORS REQUIRING VERY GOOD THERMAL INSULATION

- GENESIS 75 is a modern 3" (75 mm) aluminium system for designing windows and doors requiring very good thermal insulation.
- Genesis 75 is a system intended for designing windows and doors structures in public access building as well as single-family and multi-unit residential buildings.
- A wide range of sections/profiles available in the offer of the Genesis 75 system is used to design modern windows, doors and display units that ensure high functionality.
- The Genesis 75 system incorporates modern insulation materials that have just been launched on the market; apart from a conventional central gasket, an additional thermal gasket has been developed as well; with this solution, it is possible to attain very excellent tightness of windows (air infiltration, water tightness) as well as innovative appearance and aesthetics.
- GN 75 system also allows to make a corner-to-corner combination of 90 degrees to achieve an impressive glass surface.
- A hidden sash (SU) option is also available.
- There is possibility of use Flyscreen and Insect System.



GENESIS 75

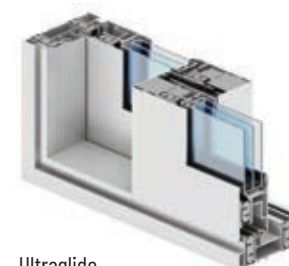


GENESIS 75 hidden sash

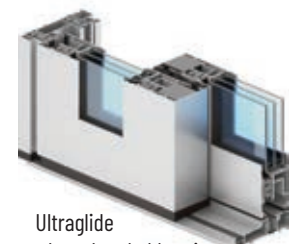
Build Right Window ALUMINUM line

ULTRAGLIDE Sliding Doors

- **Ultraglide** - a system featuring improved thermal performance, used to design sliding and lift-sliding structures.
- **Ultraglide - Low threshold option** - is a solution to improve building accessibility for disabled people; the low-threshold option prevents edge offset at the door-floor contact and enables threshold-floor flushing.
- **Ultraglide - angular solution 90°** - the system is designed for large glazed corner.



Ultraglide



Ultraglide - Low threshold option



Ultraglide - angular solution 90°

Build Right Window ALUMINUM line





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ALUMINUM LINE

MC WALL

A system used to design modern curtain walls; the system is a basis for facade structures: MC Passive+, MC Glass and MC Fire, MC Glass Fire (a solution for fire protection); the MC Wall system offers many possibilities of creating the installation; the system offers structures to be opened on the facade: parallel windows (MC PW) and roof windows (MC RW).

Mullion-transom visual width: 2 5/32" (55 mm).

The curtain wall in the MC Wall system consists of mullions and transoms fastened by stainless steel bolts; there are 2 x Ø 6 stainless steel fasteners per joint; the fasteners ensure very high load capacity of the mullion-transom connection, both in the wind pressure plane and the infill load plane; the solution does not prevent using traditional transom brackets or fastening transoms only with screws attached from the face side.

A wide range of mullions and transoms suitable for static requirements.

The insulators can be built accordingly to the infill thickness.

Application of vapour-proof and breather membranes on the perimeter of the facade is easier, in accordance with new guidelines for installation of aluminium structures.

A wide range of decorative cover caps makes it possible to obtain varied visual effects on the curtain wall.



ALUMINUM LINE



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NEWAY EXCLUSIVE DOORS







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