Casco

ALUMINUM CLAD
WINDOWS & PATIO DOORS

SOUTH ELGIN, IL | GENOA, IL

Our Story

Since 1960, Casco has remained steadfast in its commitment to delivering exceptional customer service and top-quality products, ensuring utmost satisfaction, and fostering enduring business partnerships. What began as a modest structure reminiscent of a chicken coop near Elgin's National Watch Historic District has developed into a dynamic manufacturing powerhouse, marked by numerous expansions and evolutionary strides over the years. In the late 1980s, Casco embarked on collaborative distribution ventures with other manufacturers, broadening its product portfolio to include an array of building materials and brands. Today, our company proudly emerges as a cornerstone of the national building industry, earning the trust and admiration of professionals across the country for our extensive selection of windows and doors, coupled with our unwavering commitment to exceptional customer service.

Distinguished as one of the premier start-to-finish manufacturers in aluminum clad wood windows and storm products, Casco oversees every aspect of production from raw materials to completion. All aluminum components for Casco-branded windows and doors are meticulously crafted in one of our two northeastern Illinois manufacturing facilities. From the extrusion and fabrication of window and door cladding, storm and porch product frames, screens, and arched shapes to the painting or anodizing process of the very same aluminum, every step is methodically executed before wood assembly takes place.

Casco's mission is to uphold a legacy of excellence, driven by an unwavering commitment to exceptional customer service and the production of trusted, high-quality windows and doors. As a family-grown business, we prioritize standing behind our products, dealers, and customers. Our dedication extends beyond mere production – we strive to continue to grow and nurture our partnerships, ensure ultimate customer satisfaction, and maintain our dedication to meticulous craftsmanship and comprehensive oversight at every stage of production. Moreover, we aim to surpass industry standards by embracing a customer-friendly approach across all aspects of our business. We believe in simplifying processes rather than complicating them.

Casco's ultimate goal is to provide our customers with products they can trust, backed by decades of reliability and integrity in manufacturing.

Above: Founders James and Winifred Castoro pictured at the original customer service window of Casco Industries in the early 1960's.

Right: Casco Industries' buildings and Division St, South Elgin, IL.

Aluminum Clad Wood Windows & Patio Doors

represent the pinnacle of window design, seamlessly blending the robust durability of aluminum with the timeless beauty and warmth of wood. The exterior of each window and door is clad in aluminum, offering exceptional weather resistance and requiring minimal maintenance. The interior features solid pine wood, enhancing a home's aesthetic appeal while also improving insulation.

This guide provides an in-depth exploration of the various aspects of Casco Aluminum Clad Wood Windows & Patio Doors, including available models, standard features, customization options, and base sizing details. More specific sizing and architectural information, such as detailed standard sizes and egress information, are found in Casco's comprehensive sizing charts.

Visit the *Resource* section of our website for more information.

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For dealer locations or assistance, call 800-806-6333 or email sales@cascoonline.com.

Visit cascoonline.com for product information and standard sizing.

Standard Features

Proudly manufactured in the USA

An overview of the standard features of Casco Aluminum Clad Wood Windows & Doors, crafted with precision and care since 1960. These features are designed to enhance durability, performance, and aesthetic appeal, offering a blend of enduring quality and timeless style.

EXTRUDED ALUMINUM

Casco's extruded aluminum exterior is designed to be durable, sleek, and highly resistant to fluctuating weather conditions. This low-maintenance material stands up well against the elements, reducing the need for frequent upkeep.

GLASS

Casco's Aluminum Clad Wood Windows & Doors feature Cardinal Glass with a 20-year insulating glass warranty and pre-applied Preserve™ film, ensuring windows stay clear, clean, and protected for homeowners.

INTERIOR MATERIALS

Casco's solid pine wood interior brings the classic style and sophistication of traditional wood windows as well as providing additional insulation to help keep indoor temperatures comfortable and energy costs down.

SCREEN

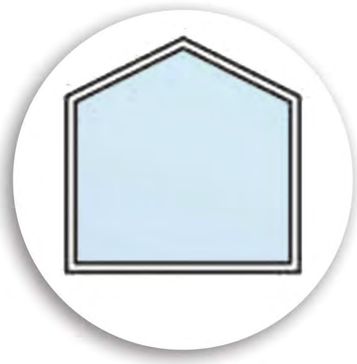
Each operating window, sliding patio door, and select swing door configurations include a durable, extruded aluminum screen. The standard vinyl-coated fiberglass mesh allows airflow while keeping insects and pests out.

OPERATING WINDOWS

Venting Casco Aluminum Clad Windows offer smooth, efficient operation. Available in styles such as casement, double hung, and awning, they enhance airflow and improve temperature control, optimizing a home's environment.

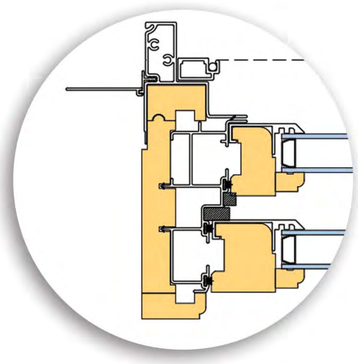
HARDWARE

Known as the standard in the industry for quality and long-lasting window and door hardware, Casco windows and doors utilize AmesburyTruth Hardware throughout Casco's product line for smoothly operating latches, locks, and crank-out hardware.



FIXED WINDOWS

Casco's fixed windows, available in various sizes and shapes, can be combined with operating windows to create large, bespoke window configurations that enhance light, privacy, and architectural appeal.



FRAME

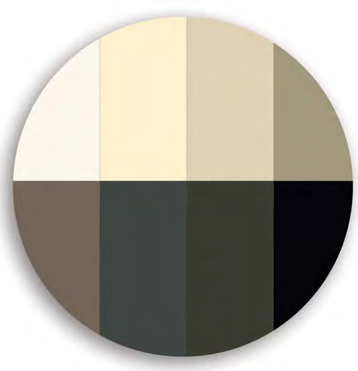
With a standard 4-9/16" jamb depth and solid wood construction, Casco's substantial frames enhance structural integrity, resist warping, and guarantee the longevity of Casco windows and doors.

DOOR TYPES

Casco's Aluminum Clad Wood Doors, in swing or sliding models, offer a smooth transition from outdoors to indoors. Options range from a single-panel swing door to a six-panel telescoping door up to 24' long.

INSTALLATION FORGIVENESS

Casco windows and doors offer installation forgiveness with heavy wood components, durable extruded aluminum, and reinforced double-screw corners, ensuring strength and stability.



COLORS

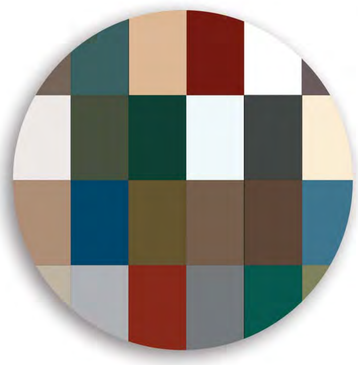
With eight classic exterior colors, choosing the right color for windows and doors is easy. Casco's in-house painting ensures consistent, long-lasting vibrancy for years to come.

NFRC CERTIFIED PRODUCT

All Casco windows and doors are NFRC certified for energy efficiency. Each product is rigorously tested and audited yearly to ensure quality, compliance, and lasting performance.

Optional Features

These additional features, engineered with meticulous attention to detail, offer enhanced durability, superior performance, and increased design options and elements, providing opportunities for further customization and added value for Casco windows & doors.



ESTATE & CUSTOM COLOR

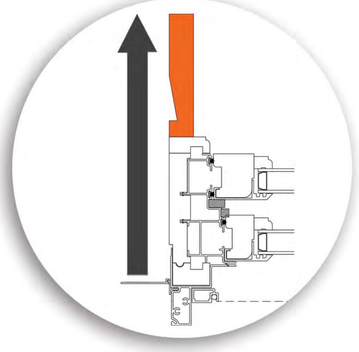
When traditional colors don't fit, choose from Casco's 24 Estate Colors or opt for Custom Coloring. Rich in tone and quality, these options provide years of vibrant, lasting color.

ELEVATED DOOR HARDWARE

Upgrade to Casco’s sleek Moderna handles for sliding patio doors or choose from top multipoint and single-point hardware brands. Two-tone options provide a seamless match for interior and exterior finishes.

GLASS

Boost energy efficiency and reduce costs with Cardinal's LoE coatings. LoE coatings block heat and UV rays, ensuring comfortable indoor temperatures and protecting fabrics and artwork from fading.



ADJUSTABLE FRAME DEPTH

Casco window and patio door frames come standard with 4-9/16" jambs, with factory-applied extensions up to 8-9/16". Larger extensions and exterior aluminum jamb extensions for swing doors are also available.

GRILLES

Grilles for Casco windows and doors come in various patterns and styles, available as internal or external SDLs. Single or two-tone options can match exterior and interior finishes, allowing for customization to any style.

INTERIOR PREFINISHING

With 11 stains ranging from pale honey to dark ebony, two paint options, and a primed-only alternative, finding the perfect match for any project has never been easier.

NEAT+

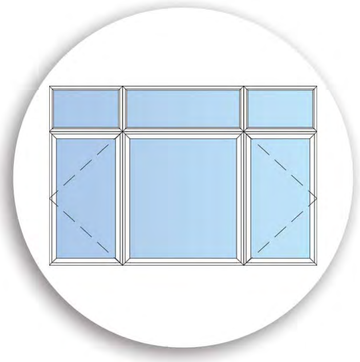
NEAT+ from Cardinal takes away the hassle of keeping window glass clean and views clear. NEAT+ is an exterior coating that prevents dirt and dust from collecting, and helps break it down and remove it if it does.

INSTALL ACCESSORIES

Preorder everything for window and door installation, including OSI sealants, flashing tapes, foam, and touch-up pens for lasting protection. Modern flat surrounds and aluminum brickmold are also available.

CLiC - ELEC. PRIVACY

For top customizable privacy, choose Cardinal’s CLiC Privacy Glass for Casco windows and patio doors. With a button click, the glass switches between opaque for full privacy and crystal clear, while still allowing light to pass through.



FACTORY & FIELD MULLING

Factory mulling is available on windows with color matched mullion covers available in both a narrow (2”) and wide (3-1/2”) form, helping to protect the covered structural mullions from weather related deterioration.

ODL - BLINDS IN GLASS

ODL Blinds, a modern alternative to traditional blinds, are built inside the glass, eliminating the need for cleaning or dealing with tangled, bent slats while retaining full functionality.

BETTERVUE & PETSCREEN

Casco offers two screen alternatives: BetterVue, for 20% clearer views and enhanced insect protection with Microban, and PetScreen, tear-resistant to withstand damage from pets.

CASEMENT

Casco Casement Windows will fill any room with cool breezes and natural light. Hinged on either side and swinging outward, they draw in and circulate fresh air throughout a space while providing clean, open views. Their sleek design and superior energy efficiency suit any architectural style and interior design. The easy-to-use crank folds away seamlessly for smooth operation. Casco Casement Windows are perfect for standalone installations or for creating a dazzling wall of light, combining elegance and functionality.

For a true architectural statement, pair them with our fixed picture windows. The combination of functional and fixed windows maintains natural light and airflow from the casement windows while providing expansive, unobstructed views with a modern, sophisticated look. Together, they deliver a blend of style and practicality, enhancing the appeal of any home.

Superior Ventilation
Maximizes airflow for better indoor air quality.

Unobstructed Views
Seamless connection to the outdoors with no horizontal rail.

Easy Crank Operation
Smooth and effortless opening and closing.

Enhanced Security
Single control point multi-point lock for robust safety.

Durable Exterior
Extruded aluminum cladding for long-lasting protection.

Elegant Interior
Warm, treated pine enhances home aesthetics.

Versatile Design
Available in venting and fixed versions.

Long-Term Reliability
20-year warranty against seal failure.

Meets LC-PG45 standards for structural integrity.
ANSI/NFRC 400-2017 certified

Standard & Custom Sizes
Casco's Aluminum Clad Wood Casement Windows are available in both standard and custom sizes. Standard sizes, frequently used for new construction, newly created openings, and where openings are being reduced, allow for a slightly faster lead time and lower price. Custom-size casement windows are available between the minimum and maximum dimensions in 1/16" increments. Casement window minimum and maximum dimensions are listed below for reference.

Casement Windows
Active & Stationary

	Unit Width	Unit Height
Minimum	17-1/16"	17-1/16"
Maximum	33-1/16"	73-1/16"

Casement Picture Windows
Stationary

	Unit Width	Unit Height
Minimum	17-1/16"	17-1/16"
Maximum	77-1/16"	73-1/16"

Hardware Color Options
Standard interior hardware finishes for both the lock and crank are shown below. Screen frames are a matching finish for cohesion, unless otherwise requested.

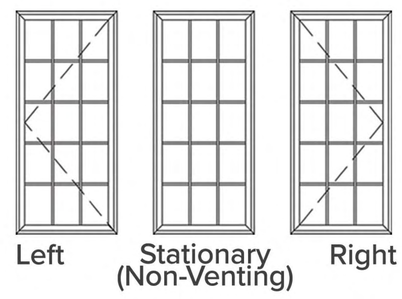
White

Coppertone

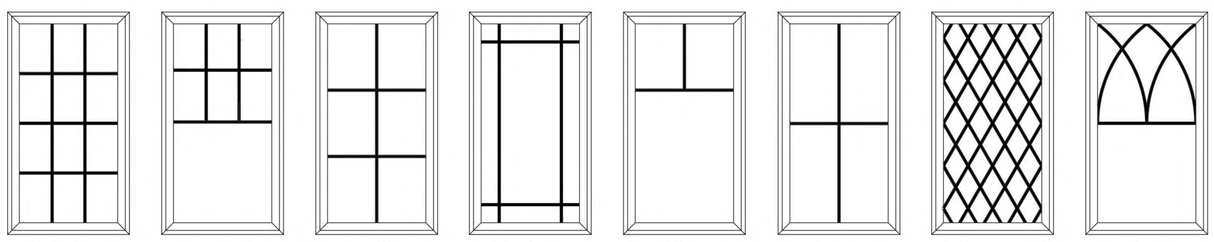
Beige

Matte Black

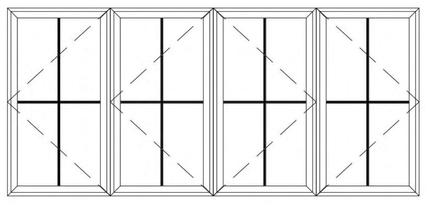
Hinging
The diagram to the right illustrates the different hinging and vent configurations available for casement windows, with the point indicating the hinge side of the window.

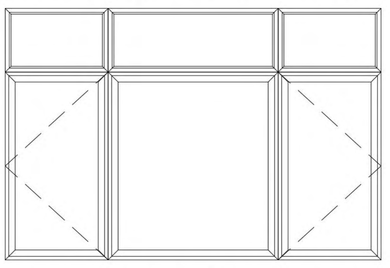

Left | Stationary (Non-Venting) | Right

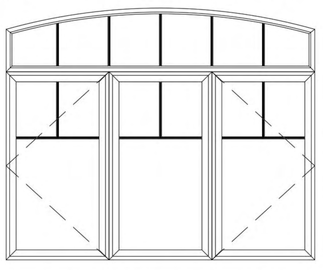
Grille Configuration Options
Casements can be used in different combinations to create different visual designs within a project.


Colonial | Colonial Top Only | Specified Colonial | Prairie | Craftsman | Cross | Diamond | Cathedral

Combination Examples
Grille patterns adjust based on window size. Custom patterns available upon request. See more information about grilles on page 17, including sizes and styles available.


Four-wide casement window with all windows active. Windows can be paired together in any type of handing combination.


Casements mulled together with a casement picture window and individual transoms mounted above.


Three-wide equal size casement windows with a fixed center and arched transom above.

Bay & Bow Configurations
Imagine the charm of 30-degree and 45-degree bay windows with a central picture window flanked by two side casements or double hungs, or the smooth curve of bow windows with 3 to 5 equally sized casements. Each window projects outward as a distinctive architectural element, offering a panoramic view from the inside and enhancing the exterior with its bold design.

Windows Clad Double Hung

DOUBLE HUNG

Casco Double Hung Windows bring a blend of traditional stateliness and modern innovation to any space or structure. Featuring two sashes that slide vertically, they allow for customizable ventilation from the top, bottom, or both, adapting to diverse needs. With an emphasis on energy efficiency and ease of maintenance, both sashes tilt inwards, simplifying cleaning and upkeep. With their classic appearance and practical functionality, they continue to remain a timeless favorite.

When paired with Casco fixed picture windows, double hung windows create a dynamic design that harmonizes natural light with controlled airflow. Picture windows offer expansive, panoramic views, framed by clean lines and sophisticated style. The combination of double hung and picture windows bring together casual elegance and exceptional performance.

Versatile Ventilation
Top and bottom sashes both open to allow for more air circulation to revitalize indoor spaces.

Enduring Style
A timeless design that highlights and accentuates a home's charm and appeal.

Smooth Operation
Easy-to-use sliding mechanisms make opening and closing smooth and effortless.

Enhanced Security
Slim lock profiles are concealed from the exterior, maintaining a clean, sleek look while ensuring the lock status remains hidden.

Durable Exterior
Our extruded aluminum cladding offers protection against the elements and longevity for years to come.

Elegant Interior
Natural wood available in a variety of stained or painted finishes to match any home decor.

Long-Term Reliability
A 20-year warranty against seal failure eliminates the threat of unsightly foggy or hazy glass.

Meets LC-PG35 standards for structural integrity.
ANSI/NFRC 400-2017 certified

Standard & Custom Sizes
Casco's Aluminum Clad Wood Double Hung Windows are available in both standard and custom sizes. Standard sizes, frequently used for new construction, newly created openings, and where openings are being reduced, allow for a slightly faster lead time and lower price. Custom-size double hung windows are available between the minimum and maximum dimensions in 1/16" increments. Double hung window minimum and maximum dimensions are listed below for reference.

Double Hung Windows
Active

	Unit Width	Unit Height
Minimum	19-3/8"	32-7/16"
Maximum	45-3/8"	80-7/16"

Double Hung Picture Windows
Stationary

	Unit Width	Unit Height
Minimum	19-3/8"	32-7/16"
Maximum	77-3/8"	80-7/16"

Hardware Color Options
Standard interior hardware finishes for both the lock and tilt latches are shown below. Screen frames match the exterior cladding finish, unless otherwise requested.

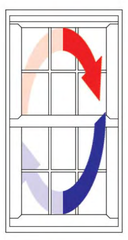
White

Coppertone

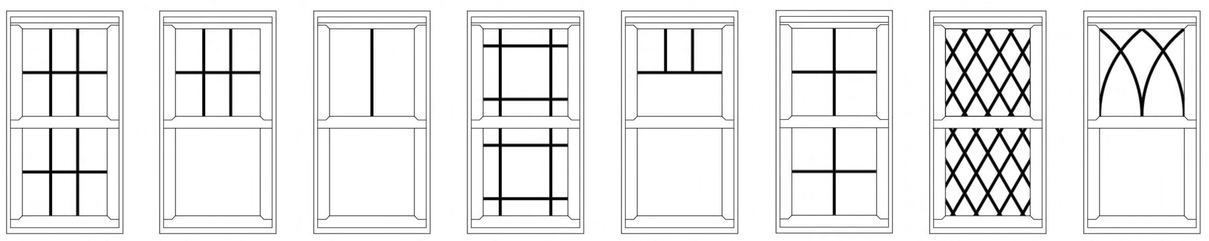
Beige

Matte Black

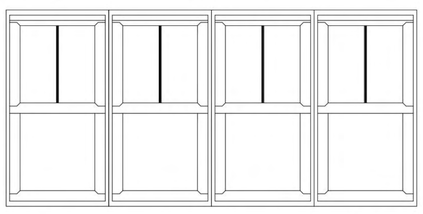
Operation & Vent
Upper and lower panels slide smoothly up and down and tilt inward for effortless cleaning. For optimal air circulation, open the top and bottom panels at the same time to create a natural convection cycle, allowing warm air to escape through the top while cooler air flows in from below.

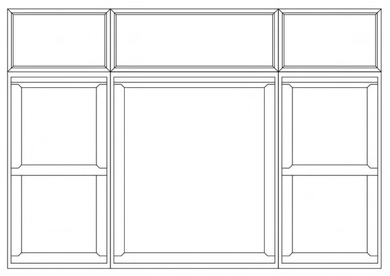


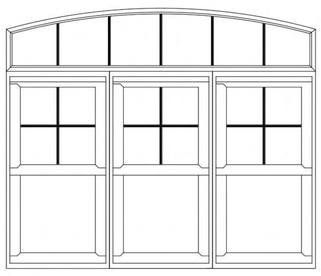
Grille Configuration Options
Grille patterns adjust based on window size. Custom patterns available upon request. See more information about grilles on page 17, including sizes and styles available.


Colonial | Colonial Top Only | Specified Colonial | Prairie | Craftsman | Cross | Diamond | Cathedral

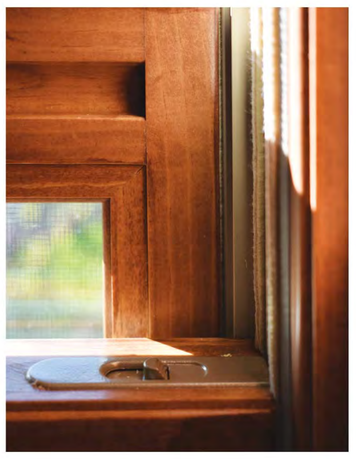
Combination Examples
Double hungs can be used in different combinations to create different visual designs within a project.

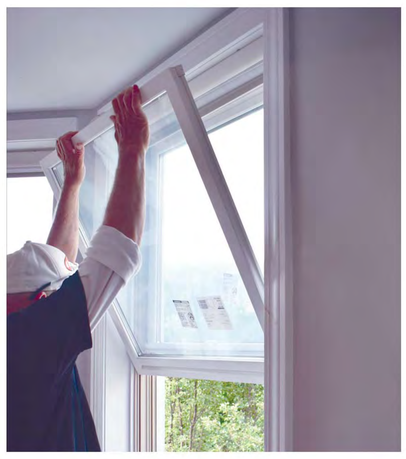

Four-wide double hung window.


Double hungs mulled together with a double hung picture window and individual transoms mounted above.


Three-wide equal-size double hung windows with an arched transom above.

Tilt-In Sash for Easy Cleaning
Casco's double-hung windows have sashes that tilt inward for easy cleaning—ideal for second-story windows, as there's no need to remove screens or use ladders. The step jamb liner provides smooth operation, better sealing, and a clean appearance, while also preventing the sash from overextending to protect the exterior screen and finished wood from damage.





AWNING

Casco Awning Windows are a sleek, streamlined way to add ventilation while maintaining modern and contemporary sightlines. Hinged at the top and swinging outward from the bottom, awnings are able to be open to the outdoors even when it's raining. With the same superior energy efficiency as Casco's other window models, adding awnings to a room ensures a comfortable living space year round. The user-friendly crank handle operates smoothly and folds away neatly when not in use.

One of the most diverse windows out there in terms of creative combinations, Casco Awning Windows can be added on top of picture windows as an operating transom, or underneath them as lower venting units. Awnings can be stacked horizontally or vertically as well to create a spacious wall of light while still allowing for ventilation. Typically wide but short in height, they also work well as bathroom windows or where privacy is needed by being situated higher than traditional casements or double hungs.

Standard & Custom Sizes

Casco's Aluminum Clad Wood Awning Windows are available in both standard and custom sizes. Standard sizes, frequently used for new construction and where openings are being reduced, allow for a slightly faster lead time and lower price. Custom-size awning windows are available between the minimum and maximum dimensions in 1/16" increments. Awning window minimum and maximum dimensions are listed below for reference.

Awning Windows
Active and Stationary

	Unit Width	Unit Height
Minimum	17-1/16"	17-1/16"
Maximum	47-1/16"	37-1/16"

Hardware Color Options

Standard interior hardware finishes for both the lock and crank are shown below. Screen frames are a matching finish for cohesion, unless otherwise requested.

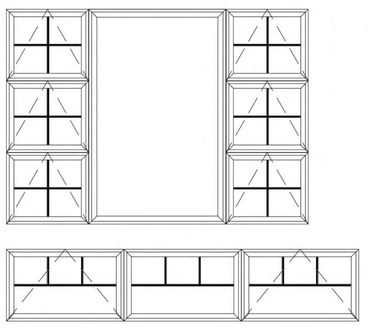
White | Coppertone | Beige | Matte Black

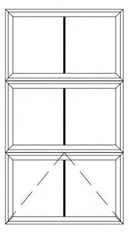
Venting

Awning windows swing out from the bottom and have hinges at the top, as shown in the diagram. They are available in two styles: venting for fresh air, or stationary. The points in the diagram show the venting spots.

Combination Examples

Awnings can be used in different combinations to create different visual designs within a project.

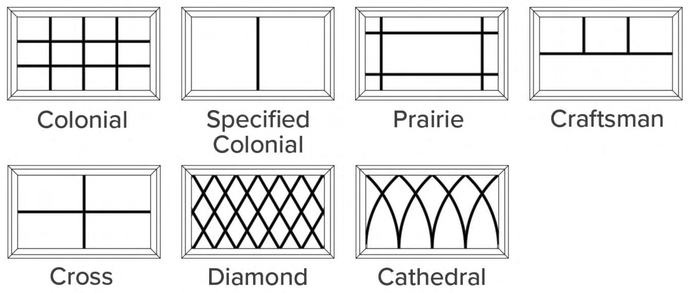




Awning windows offer versatility by being able to be combined both vertically and horizontally. Additionally, they can be paired with other window types to create unique architectural statements.

Grille Configuration Options

Grille patterns adjust based on window size. Custom patterns available upon request. See more information about grilles on page 17, including sizes and styles available.

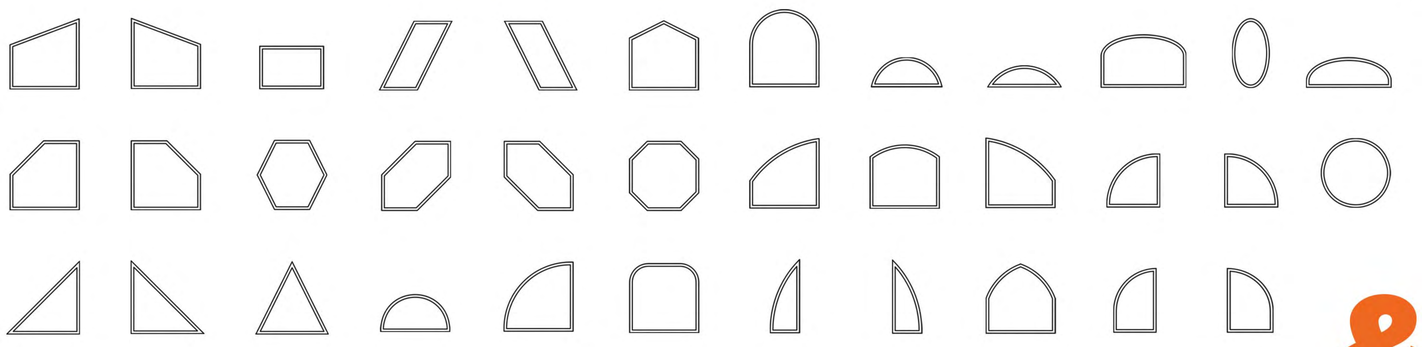


Colonial | Specified Colonial | Prairie | Craftsman

Cross | Diamond | Cathedral

Specialty & Transom Windows

SPECIALTY & TRANSOM

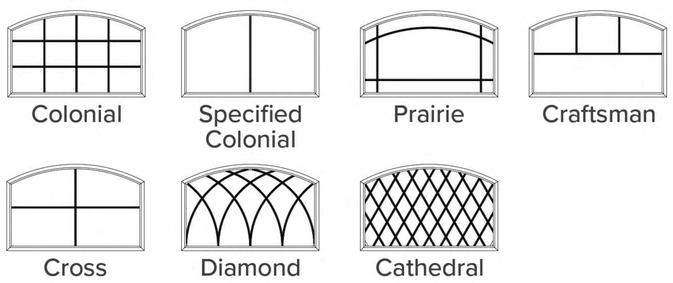


Sizing - Specialty Windows vs Transom Windows

Specialty Windows use a “direct set” style that sets glass directly into the frame, allowing for larger designs and bold architectural statements. These windows are custom-sized to fit specific needs for the perfect blend of both style and design. Transom windows, positioned above other window models, can make windows appear larger and allow for more natural light. Consider size constraints for the best fit when combining them with other units.

Grille Configuration Options

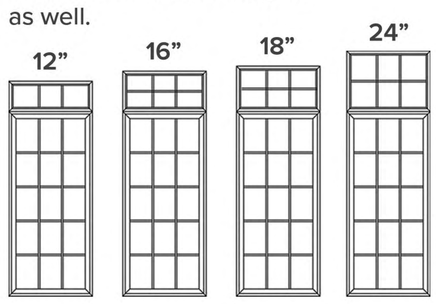
Grille patterns adjust based on window size. Custom patterns available upon request. See more information about grilles on page 17, including sizes and styles available.



Transom Windows

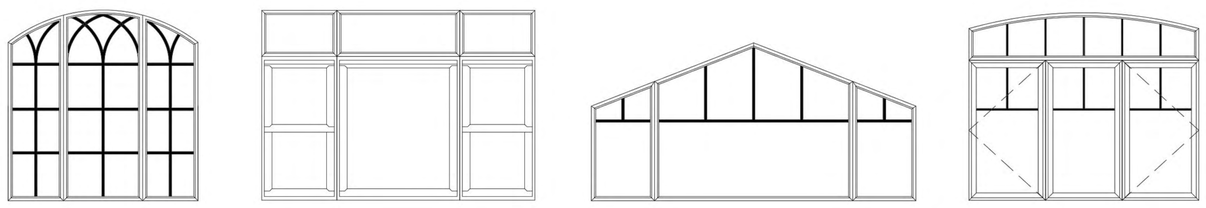
(Standard heights available)

Standard transom window heights are 12”, 16”, 18”, and 24”, and they are also available in custom heights as well.



Combination Examples

Specialty windows can be used in different combinations to create different visual designs within a project.



Since Casco Specialty Windows are often installed in hard-to-reach places, it's recommended to add Cardinal Neat+® Glass coating to help keep them cleaner longer. Neat+® glass uses UV rays to loosen dirt, allowing water to rinse it away, leaving windows virtually spotless with an invisible protective layer applied to the exterior.

For dealer locations or assistance, call 800-806-6333 or email sales@cascoonline.com.

With Casco, break free from the ordinary and explore the possibilities of architectural glass features. From dramatic arches to unique geometric patterns, Casco Specialty Windows offer a wide range of shapes to bring creative visions to life. Casco’s innovative design ensures that when multiple windows are combined, grilles and mullions align seamlessly, creating a cohesive look and flawless lines. Whether aiming for sleek modern aesthetics or the stateliness of classical architecture, Casco’s extensive selection provides the flexibility to create windows that complement any style or personality.

Specialty windows create a striking focal point for already exceptional homes, breaking free from the constraints and monotony of conventional designs. Crafted with precision and care, Casco windows are built to last, bringing enduring light and beauty to every room.

SLIDING PATIO DOOR

Sliding patio doors have evolved beyond simple access points to a deck, patio, or yard. Casco's Sliding Patio Doors provide expansive views of the outside and unobstructed ventilation and access to outdoor spaces. From traditional two-panel sliding doors to monumental contemporary bi-parting telescoping doors, Casco Sliding Patio Doors become a sophisticated and functional element to any setting.

Casco Doors can fill a space that spans up to 24-feet wide and 10-feet tall, truly creating a wall of light. With multi-point locks for safety and smoothly sliding panels, they become the focal point of a room while maximizing indoor space and optimizing traffic flow in high volume areas. Casco Sliding Patio Doors fit seamlessly whether tastes trend towards traditional charm or sleek modernity.

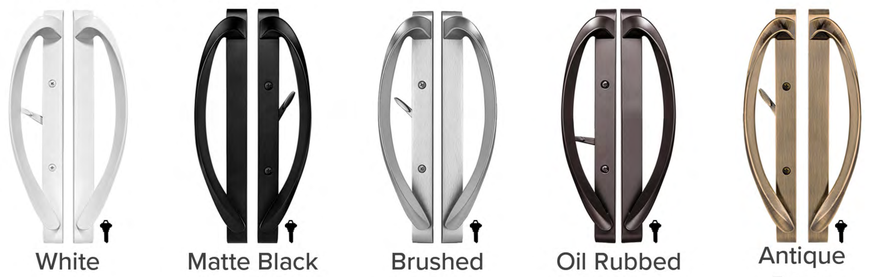
SLIDE IN STYLE *Versatile Hardware Choices with Matching & Two-Tone Options*

Available hardware finishes for sliding patio doors are shown below. Bi-parting doors may include optional matching dummy hardware. Two-tone hardware options with different interior and exterior finishes available.

Traditional Hardware

White | Matte Black | Satin Nickel | Bright Brass | Polished Chrome | Oil Rubbed Bronze | Antique Brass

Modena Hardware

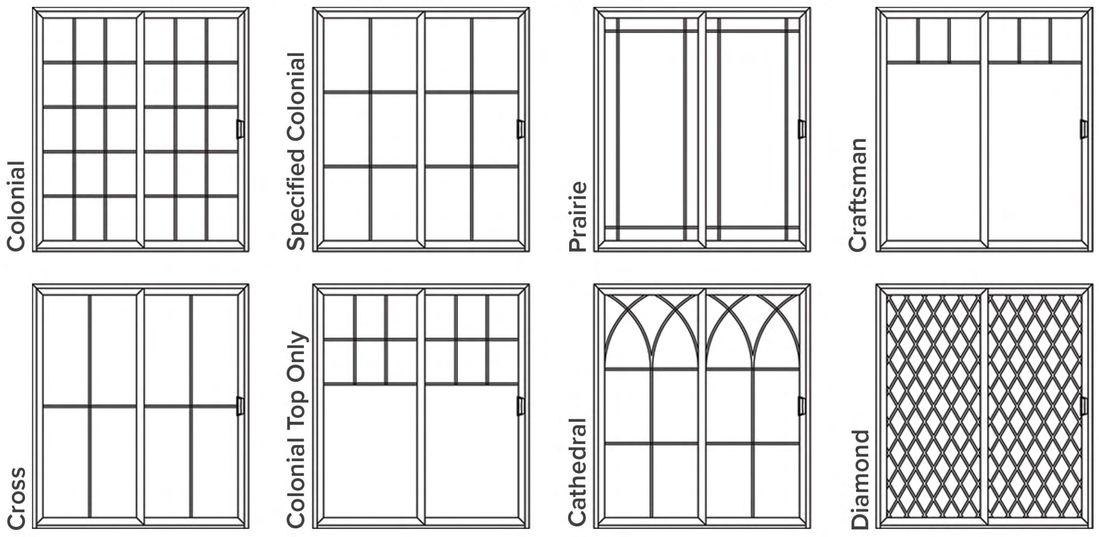


White | Matte Black | Brushed Chrome | Oil Rubbed Bronze | Antique Brass

Keyed lock option available. Not included in the base configuration.

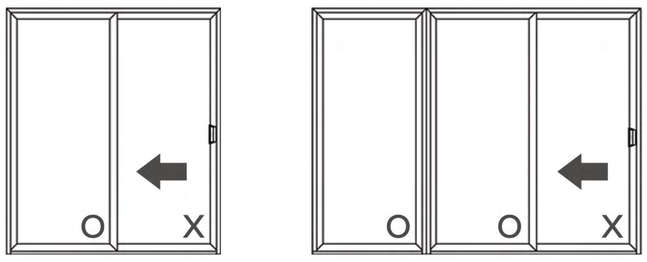
Grille Configuration Options

Grille patterns adjust based on door size. Custom patterns available upon request. See more information about grilles on page 17, including sizes and styles available.



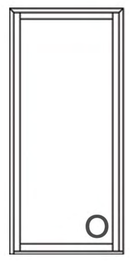
BALANCING FORM & FUNCTION *Finding the Perfect Sliding Patio Door*

Choosing the right sliding patio door is an important decision for any home. While size plays a key role, other critical factors to consider include the door's operation, the width of the clear opening when fully open, and its overall appearance. The sliding doors featured below provide an example of the wide range of options in style, shape, venting capabilities, and natural light.



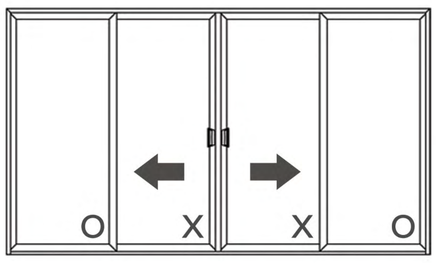
Single Slide

Two or three-panel door with one panel sliding. Center panels can slide either right or left.
Includes sliding screen



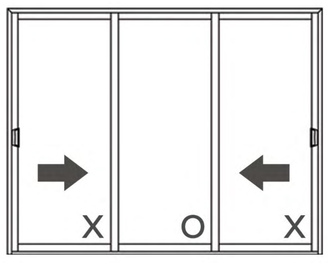
Sidelite/ Stationary

Fixed panel for added natural light.
No screen



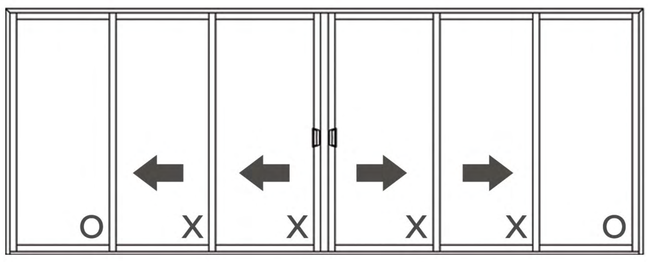
Bi-Parting

Four-panel door, the two center panels slide apart opening in the center.
Includes bi-parting sliding screen



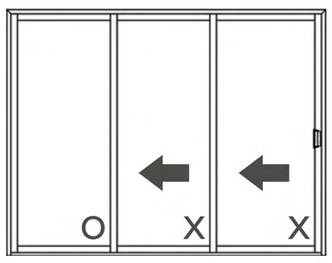
Double Slide

Three-panel door with two end panels that slide on a single track.
Includes two sliding screens



Bi-Parting Telescoping

Six-panel door with four inner panels that slide apart opening in the center.
Includes four-panel sliding screen system

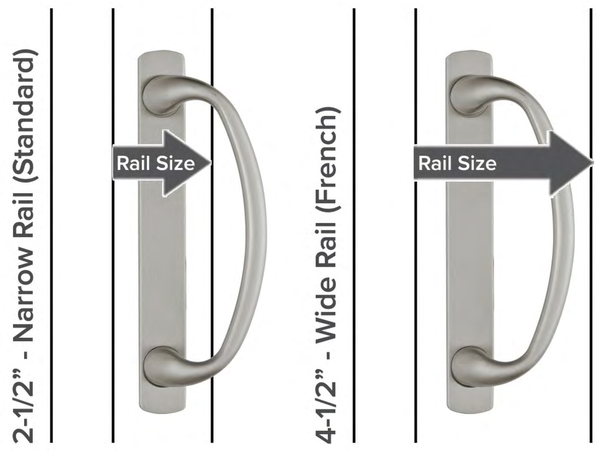


Telescoping

Three-panel door with two panels that slide and stack over the fixed third panel. *Includes double sliding screen system*

French-Style Rails

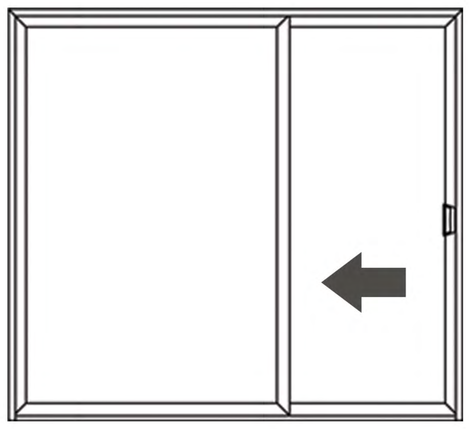
Upgrade sliding patio doors by replacing the standard 2-1/2" wide narrow rails on the active panel with 4-1/2" wide French-style rails. Wider rails on all sides of the glass create a stronger frame and emulate the look of a swing patio door to consistently match between door styles. French-style rails improve stability, security, and energy efficiency while adding the charm of traditional French swing doors.



BREAK FREE FROM UNIFORMITY

Customizable Sliding Patio Doors with Unequal Panels

Casco Sliding Patio Doors offer a wide variety of customizable configurations, including the option for unequal panel sizes to suit specific design preferences or functional needs. These flexible designs allow for greater versatility, providing solutions that fit unique spaces while maintaining the same high-quality performance.



DUAL FINISH FREEDOM

Customize Interior & Exterior Colors Independently

Casco Sliding & Swing Patio Doors offer the flexibility to choose different color hardware finishes for the interior and exterior of doors for a personalized look that complements interior décor and exterior design. This versatile option breaks away from the need to match finishes, which means more creative freedom for projects.

Patio Doors | Clad Swing

SWING PATIO DOOR

Swing doors are a type of door that everyone is familiar with, hinged on one side and opening either into the room or the outdoors. Casco Swing Patio Doors take an old standard and elevate it with long lasting, durable extruded aluminum cladding and the warmth of a wooden interior. Available as single doors or as French double doors, they present a truly elegant image while providing expansive views and natural light.

With options for enhanced security and customizable hardware, they can fit whichever architectural style is needed for a finished, polished look. Add a sense of grandeur and expand their impact by adding transoms and sidelites or create a wall of light by combining them with full-sized fixed windows. Casco Swing Patio Doors can also be customized by adding kickplates or by integrating mid rails and additional panels for a fully customized door.

CUSTOM HARDWARE, PERFECT FIT

Flexible Hardware Options for Customized Door Solutions

Casco swing doors offer flexible hardware shipping options to suit various preferences. For enhanced security, doors can be shipped with a premium multipoint lock system, available in traditional or contemporary trim styles with select finishes. For a more standard solution, doors can include a tubular lockset, providing everyday convenience. Alternatively, doors can be supplied with a single or double bore, allowing for field-supplied hardware.

Traditional Multipoint Hardware

Brushed Nickel | Oil Rubbed Bronze | Brass

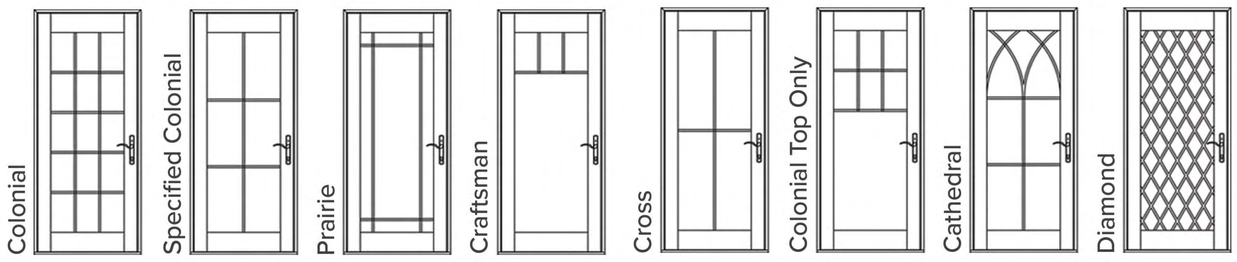
Contemporary Multipoint Hardware

Satin Nickel | Black

Note: Select styles of common tubular locksets are available to ship with Casco Swing Patio Doors. For details on current options, please check with a local dealer.

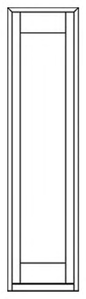
Grille Configuration Options

Grille patterns adjust based on door size. Custom patterns available upon request. See more information about grilles on page 17, including sizes and styles available.



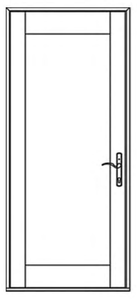
STYLE, FUNCTION, & DESIGN Choosing the Perfect Swing Patio Door

Choosing the right swing patio door is an important decision for any home. While size plays a key role, other critical factors to consider include the door's operation, the width of the clear opening when fully open, and its overall appearance. The swing doors featured below provide an example of the wide range of options in style, shape, operation, and natural light.



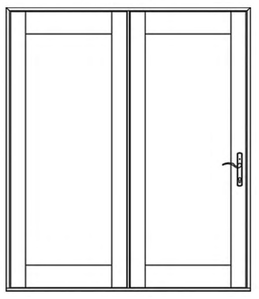
Sidelite/ Stationary•

Fixed panel for added natural light.



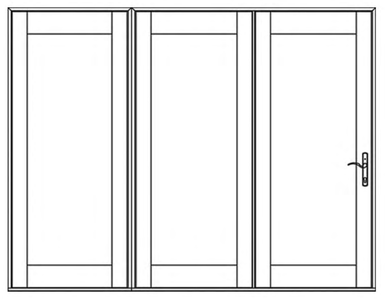
Single Swing +•

Single active door panel that swings into a home left or right.



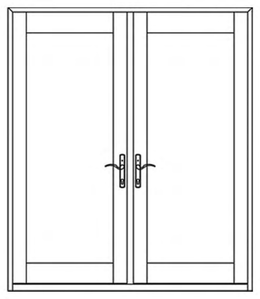
2P-Single Swing x+

Single swing door with one stationary panel on either side.



3P-Single Swing x+

Single swing door with two stationary panels, which can be arranged with one on either side, or two fixed panels on one side.



French Swing +•

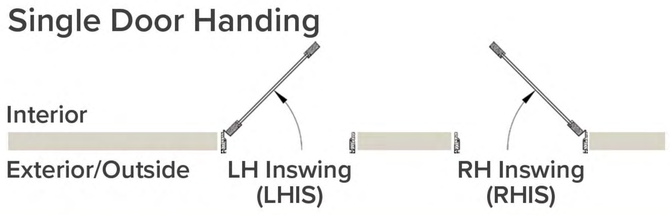
Double panel door with one active panel and a secondary panel that can be opened to fully extend the entranceway.

x Sliding screen panel included with door.
\+ Outswing door available as an option.
• No screen included. Retractable screen offered as an after installation solution.

For minimum, maximum, & standard size information, please refer to our sizing charts located in our Resources section at cascoonline.com.

Door Handing Options for Single & Double Inswing Doors

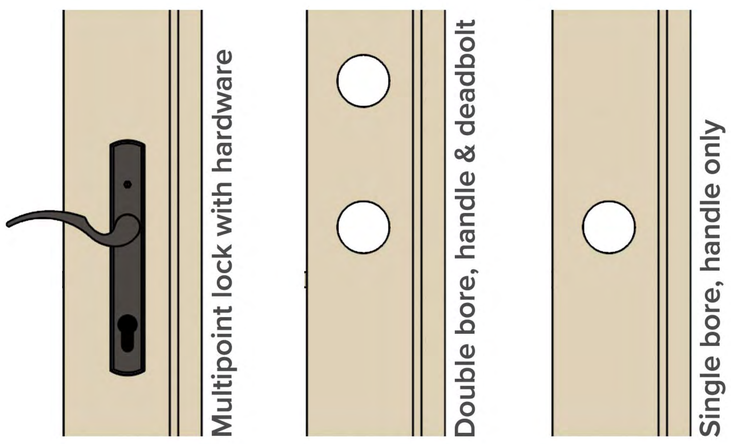
Single Door Handing



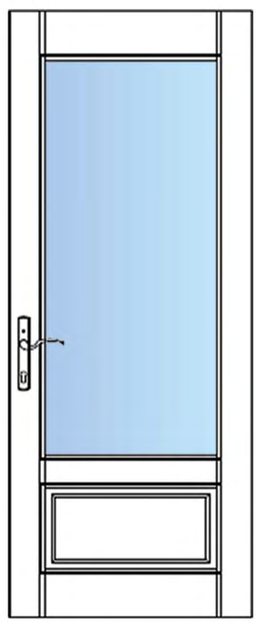
French (Double) Door Handing

ENHANCED SECURITY & STYLE
Customizable Locking Solutions

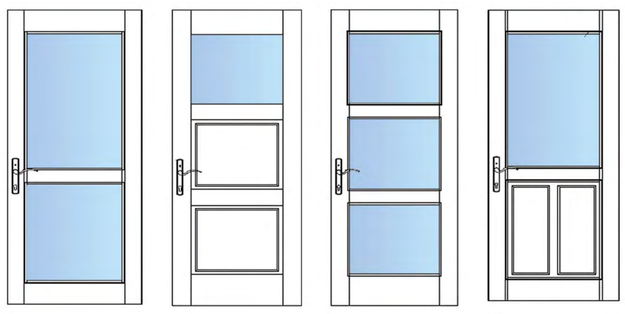
Casco Swing Patio Doors offer versatile locking options to meet security and design preferences. The standard multipoint lock enhances security with three locking points at the top, middle, and bottom and is available in a range of finishes. For French patio doors, choose between flush bolts or lever-activated shoot bolts. The single or double bore option allows for the installation of third-party hardware, with double boring for two holes, or single boring if a deadbolt is not required. Additionally, select lever sets are also available with options that reflect trending styles.



SEAMLESS INTEGRATION
Versatile Mid Rail & Panel Design



All Casco Swing & Sliding Patio Doors can feature 3-1/2" mid rails, with the option for either panel inserts or glass in any combination. Exterior panels are flat extruded aluminum, while the interior offers a choice between flat or raised-panel pine. Horizontal mid rails span the full width of the panel, and vertical mid rails run between the head and bottom door rails. Often used as a front entry door solution, mid rails and panels allow for doors to be matched with aluminum clad wood windows throughout the home.



Color Selections

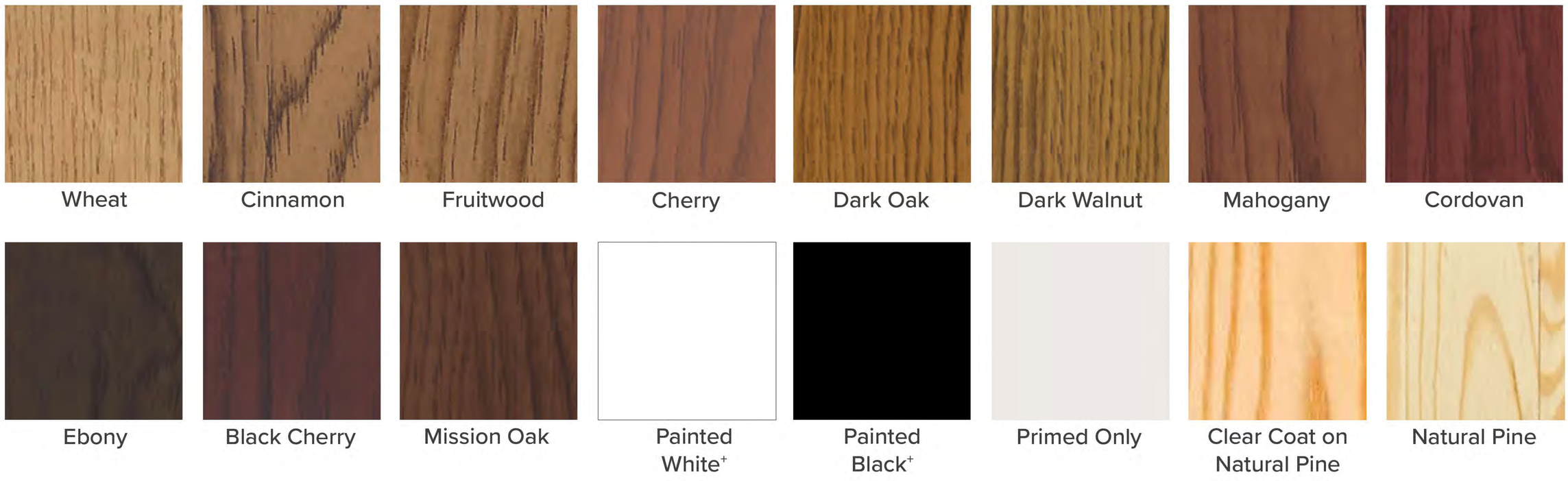
Casco's exterior painted extruded aluminum cladding is finished with AAMA 2604 architectural coatings, offering outstanding protection against the elements, UV exposure, abrasion, and wear, minimizing maintenance for homeowners. This premium coating reduces upkeep, making it a practical choice for homeowners. Custom exterior cladding colors are available, and optional interior stained or painted wood finishes provide flexibility for crafting a customized look both inside and out. Physical samples of both aluminum and wood finishes are available at local Casco dealers for color matching.

Exterior Aluminum - Standard Colors

Exterior Aluminum - Estate Colors

Interior Wood - Standard Prefinished Stain & Paint Colors

Enrich inside spaces with customizable natural pine interiors. Options include stained, painted, or primed finishes for style matching.



Digital color representations may differ from physical colors. To view true product colors, request samples for exterior or interior finishes from any Casco Window & Door dealer. Stained interiors may vary in color, grain, and texture due to the natural characteristics of wood. These variations are a normal and inherent property of natural wood.

Glass & Grille Options

Casco windows come with standard clear glass as a default option, offering clarity and the traditional advantages of insulating glass. However, for those looking to enhance their windows' performance, Casco offers LoE (Low Emissivity) glass as an upgrade. This advanced glass option goes beyond standard performance, providing superior energy efficiency, comfort, and increased protection against damaging UV rays. Engineered with a special coating that reflects heat while allowing natural light to enter, LoE glass keeps a home warmer in the winter and cooler in the summer. This advanced technology not only reduces energy costs but blocks harmful UV rays, protecting carpets, furniture, and artwork from discoloration and fading. Whether building new or upgrading existing windows, LoE glass is the smart choice for enhancing the performance of windows and lowering energy costs.

Glass	Panes	Glass	U-Value (Argon)	SHGC	VT*	UV Prot.**
	Triple	LoĒ³-366® and LoĒ-180™	●●●●●	●●●●●	56%	2%
	Dual	LoĒ³-366® with LoĒ-i89™	●●●●○	●●●●○	63%	5%
	Dual	LoĒ²-272 with LoĒ-i89™	●●●●○	●●●○○	70%	16%
	Dual	LoĒ³-366®	●●●○○	●●●●○	65%	5%
	Dual	LoĒ²-272	●●○○○	●●●○○	72%	16%
N/A	Dual	Clear	○○○○○	○○○○○	82%	58%

Casco windows offer dual-pane or triple-pane glass. Triple-pane enhances energy efficiency, while dual-pane with i89 frequently meets local energy standard requirements.

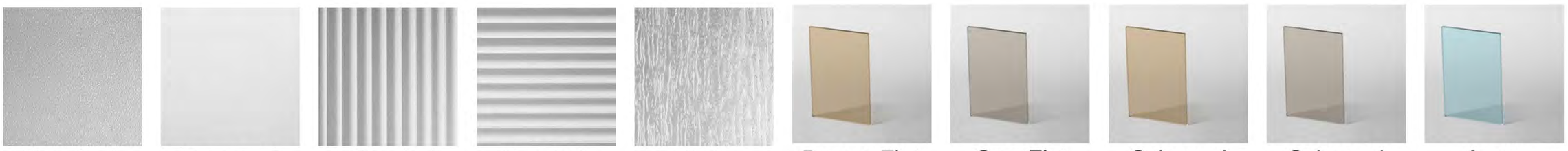
** Visible transmittance (VT) is a measure of the amount of visible light that passes through a window or glazing material.*

*** UV Transmission is the percentage of ultraviolet radiation that passes through the window.*

Note: Before finalizing the purchase of Casco Windows & Patio Doors, it is recommended to verify energy code requirements with local authorities for the specific project. Ensure that the selected windows meet these standards to comply with all regulations.

Obscure & Tinted Glass

For areas where privacy is needed, obscure or tinted glass can be added to the energy-efficient insulating glass in windows & doors. Whether for privacy, glare reduction, or aesthetic appeal, tinted and obscure glasses offer versatility and options that cater to diverse project needs.



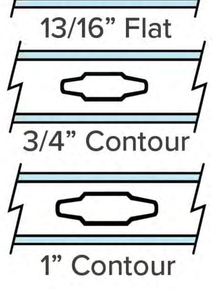
Standard (Pattern 62) | Frosted / Satin Etch | Reeded Vertical | Reeded Horizontal | Rain | Bronze Tint | Gray Tint | Solarcool Bronze | Solarcool Gray | Azura

Window Grilles

- Internal grilles provide detailed grille patterns while allowing the windows to be easily cleaned.
- With their exterior application, SDL grilles are a stately window enhancement that leads to a higher perceived value of windows.
- There are a variety of grille patterns to go along with the architectural style of any project.
- Casco offers industry standard & custom grille patterns & designs.
- Historic projects often require the use of grilles to match existing architectural facades.

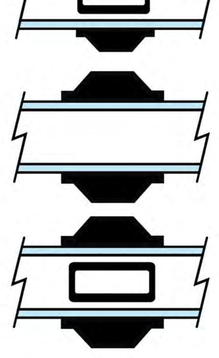
Internal Grilles

Placed between the glass panes, internal grilles provide a clean look and easy maintenance. Solid color and two-tone colors available to match differing interior and exterior finishes.



Simulated Divided Lite (SDL)

Adhered directly onto both sides of the window's exterior surfaces, SDL grilles mimic traditional divided lite windows. These decorative grilles combine classic ornamentation with the benefits of modern double-pane glass, including energy efficiency and easy cleaning.



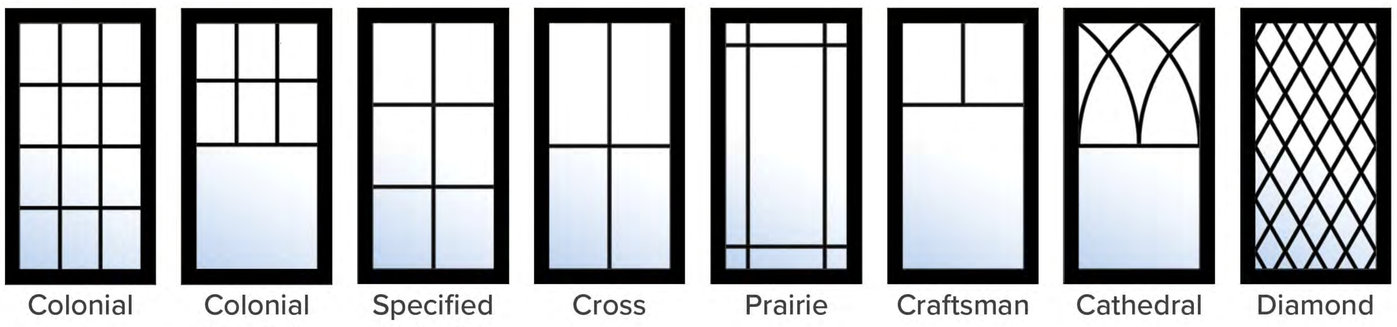
Removable Wood Int. Grilles

Removable wood interior grilles are attached at the frame and used on the interior surface of the window. This allows the grille to be removed for cleaning while still maintaining the traditional true divided-lite wood grille look on the interior of the window.

5/8" Wood Removable Grille with Full Surround

5/8" Wood Removable Grille with No Surround

Sample Grille Patterns



Colonial | Colonial Top Only | Specified Colonial | Cross | Prairie | Craftsman | Cathedral | Diamond

Neat+® - Naturally Clean Glass

Including Cardinal Neat+® Glass coating on Casco Aluminum Clad Windows & Doors helps keep glass cleaner for longer. Neat+® Glass, harnesses the sun's UV rays to loosen dirt so water can rinse it away, leaving windows virtually spotless.

Window & Door Accessories

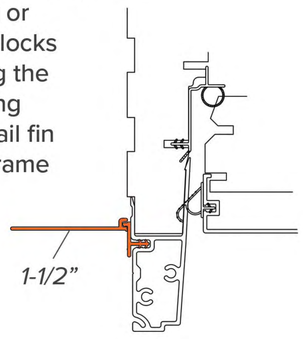
STYLISH & PROTECTIVE *Exterior Aluminum Installation Accessories*

Exterior window aluminum accessories, such as brickmold, flat surrounds, and sill nosing are designed to provide a stylish, modern finish while protecting against the elements by shielding key areas like the frame and sill from moisture and wear. Available in a variety of profiles and color-matched to the window cladding, they create a polished look that complements contemporary architectural styles with minimal maintenance required.

Nail Fin (Standard)

Our vinyl installation nail fin is shipped securely in a folded position to prevent bending or damage during transit. Once on-site, it locks into a stable 90-degree angle, ensuring the window remains securely in place during installation. For added versatility, the nail fin presses into a kerf within the exterior frame extrusion, allowing quick and easy removal in the field if installation adjustments are required.

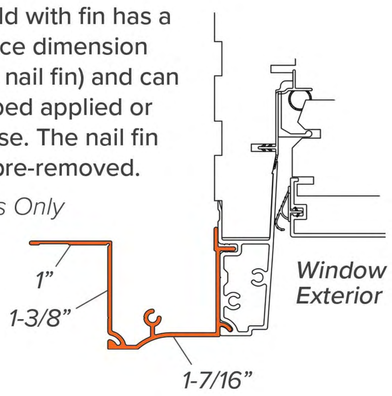
Windows & Doors



Aluminum Brickmold

Casco’s aluminum brickmold with fin has a 1-3/4” face dimension (without nail fin) and can be shipped applied or sent loose. The nail fin can be pre-removed.

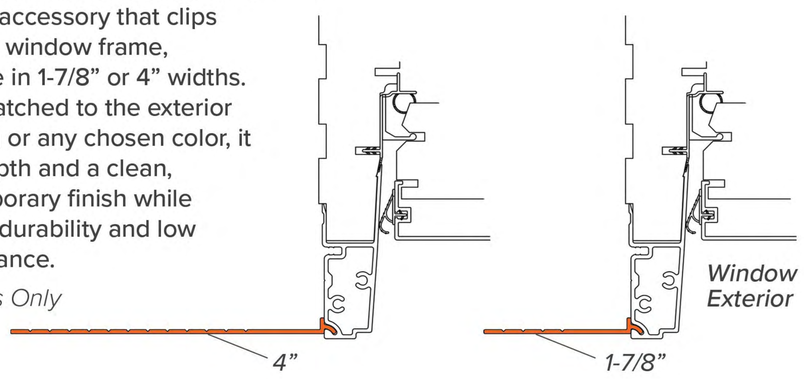
Windows Only



Aluminum Flat Surround

The aluminum flat surround is a modern accessory that clips onto the window frame, available in 1-7/8” or 4” widths. Color matched to the exterior cladding or any chosen color, it adds depth and a clean, contemporary finish while offering durability and low maintenance.

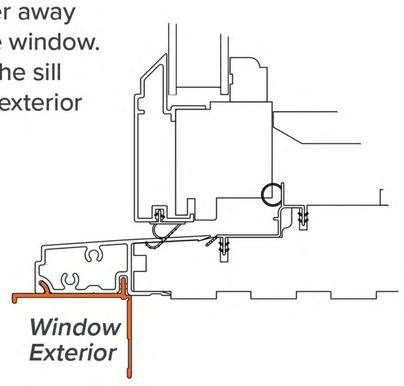
Windows Only



Aluminum Sill Nosing

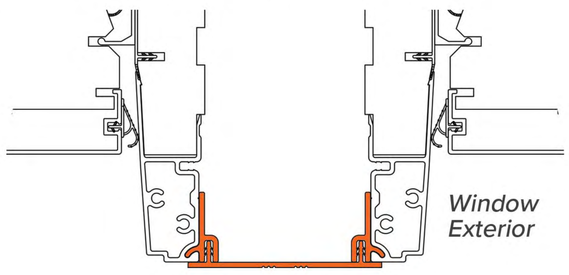
Aluminum sill nosing fits onto the bottom of the sill and is used in conjunction with aluminum brickmold or flat surround materials. It provides a clean finish while offering additional protection by directing water away from the building by extending slightly past the window. Like the aluminum brickmold or flat surround, the sill nosing is often color matched to the window’s exterior cladding.

Windows Only

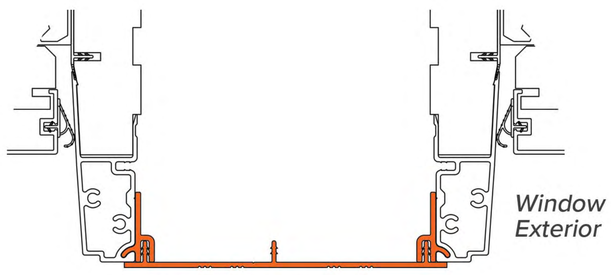


Exterior Aluminum Window Mullion Cover

When paired with Casco Aluminum Clad Windows, an aluminum mullion cover protects the underlying structural mullion from weather-related deterioration in spread mull applications. This reduces maintenance requirements and extends the mullion’s lifespan. The mullion cover also guarantees aesthetic continuity by matching the color and appearance of the windows, resulting in a cohesive look across the entire window assembly. *Windows Only*



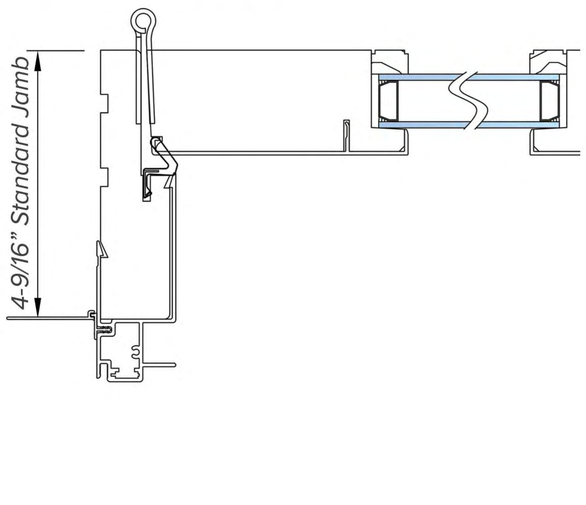
1-7/8” Spread Mull Cover

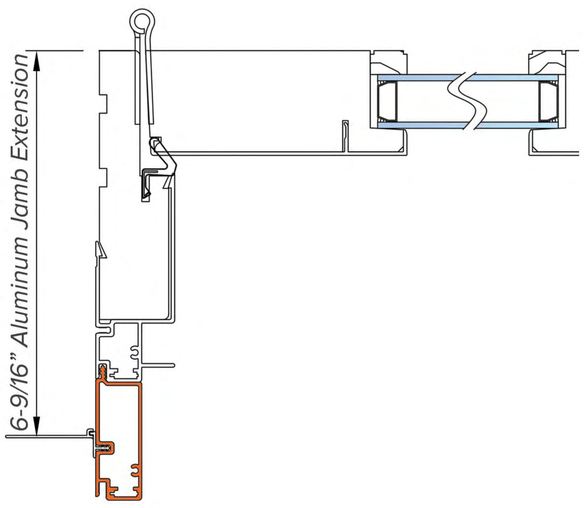


3-3/8” Spread Mull Cover

Exterior Aluminum Jamb Extensions

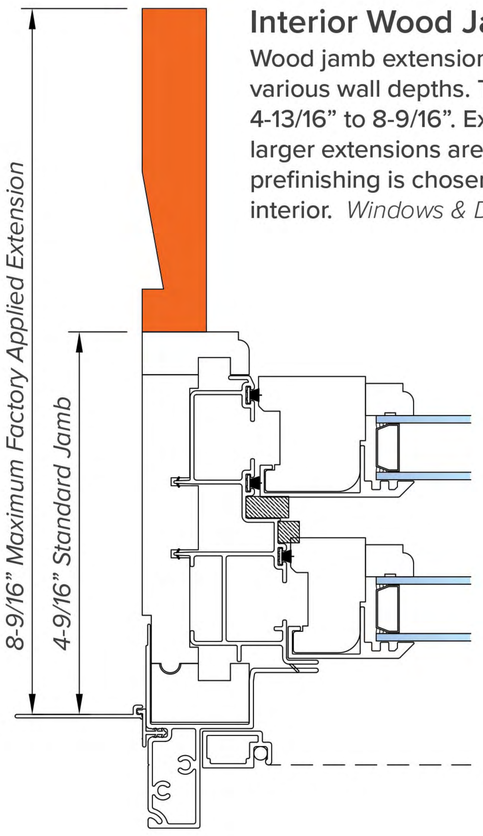
Using a wood jamb extension on the interior of an inswing door can limit the door’s ability to fully open when the door hits the extension and stops short. Opting for a 2” aluminum jamb extension on the exterior allows the interior to remain free of obstruction so that the door can swing open a full 180-degrees without being restricted. *Doors Only*

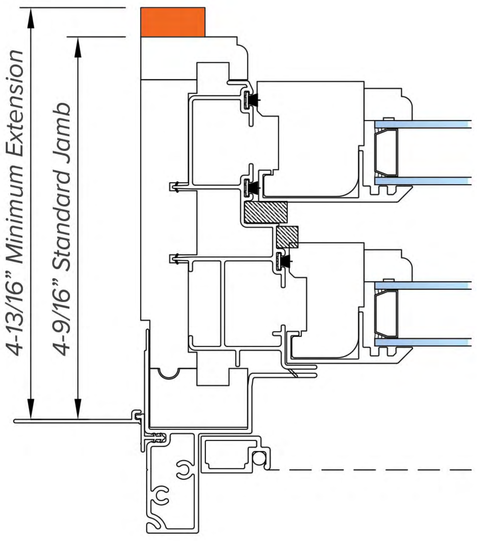




Interior Wood Jamb Extensions

Wood jamb extensions are available for all windows and doors, ensuring a precise fit for various wall depths. The standard jamb depth is 4-9/16”, with extensions ranging from 4-13/16” to 8-9/16”. Extensions up to 8-9/16” are factory-applied for convenience, and larger extensions are shipped loose as lineal flat stock for flexibility. If factory prefinishing is chosen, the factory-applied extensions are color-matched to the window’s interior. *Windows & Doors*



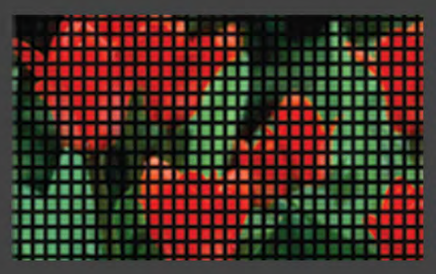


Screens & Premium Glass Upgrades

STRENGTH, CLARITY, & DURABILITY

Screen Options for Every Need

Casco Windows and Patio Doors offer three exceptional screen options. The Standard Fiberglass Screen delivers classic, dependable insect protection. The BetterVue® Screen brings advanced Water Shed Technology™, expertly repelling water and dirt while allowing more natural light and airflow for a cleaner, clearer view. For pet-friendly homes, PetScreen is the ultimate in durability with a pet-resistant, tear and puncture-resistant design. Its slightly denser fabric withstands active paws and claws, providing robust protection where it's needed most while still maintaining visibility for a secure and resilient screen choice.

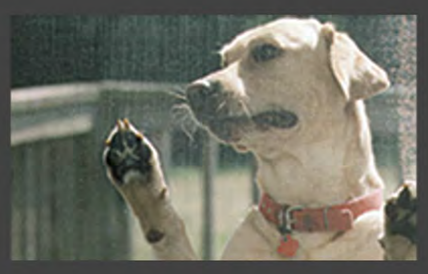


Standard Fiberglass

Timeless protection with a traditional appearance, designed to keep insects out while allowing fresh airflow. A popular choice for replacement windows to maintain the classic look of older windows.

BetterVue®

Superior visibility with Water Shed Technology™ that repels water and dirt, providing a cleaner, brighter view. Ideal for new construction projects looking to maximize clarity and natural light.

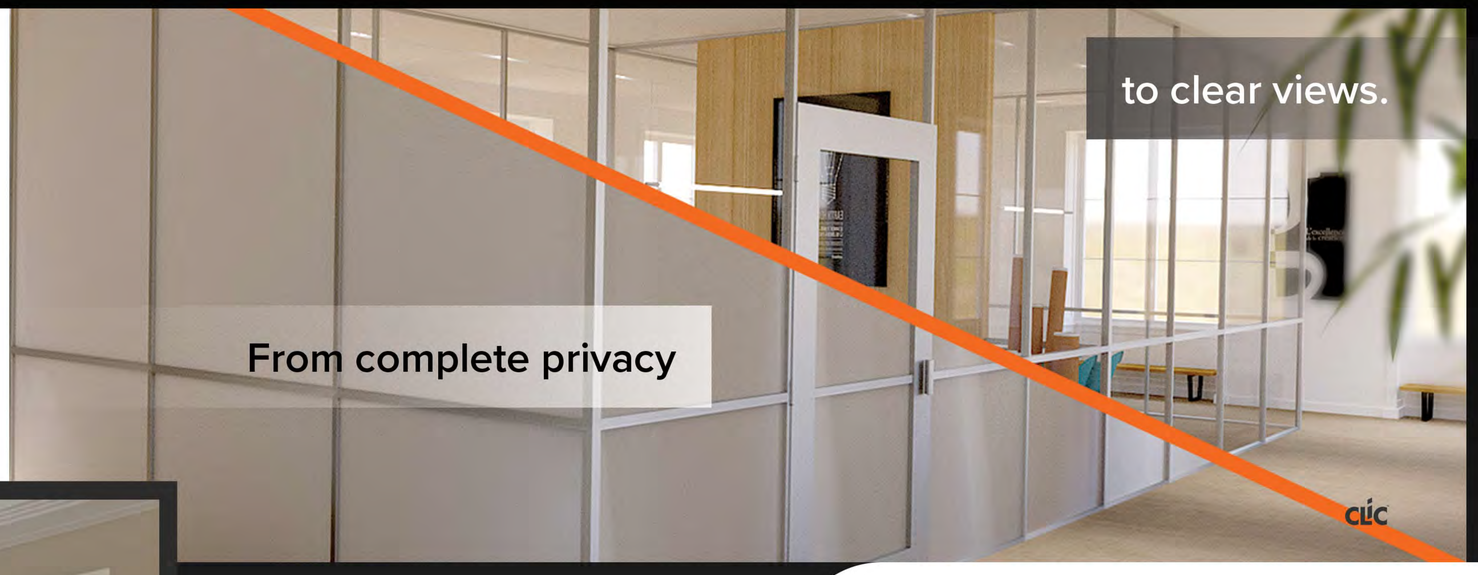


PetScreen

Durable, pet-resistant mesh with a denser weave for extra protection against claws and in high traffic areas.

CLiC™

Switchable Privacy Glass



Features

- Instantly switch from frosted to clear glass at the touch of a button.
- Available in select sizes for both stationary and projecting windows, as well as swing patio doors.
- Matches LoE in other windows
- CLiC easily integrates with Light Switches, Google and Alexa Smart Switches & Relays, and Automation Systems.
- Future availability for double hung windows and sliding patio doors.

CLiC SWITCHABLE PRIVACY GLASS

Electrify Casco Windows & Patio Doors

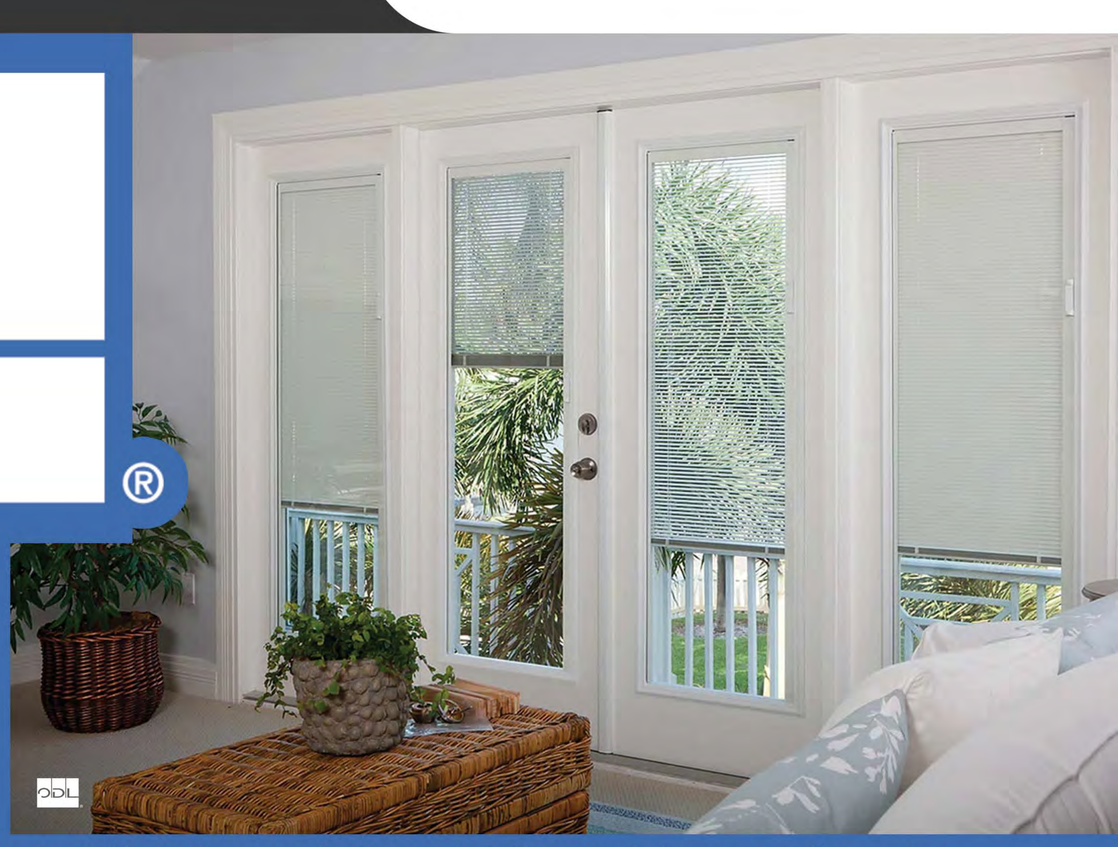
Transform Casco Aluminum Clad Wood Windows & Patio Doors with CLiC Switchable Privacy Glass, an innovative solution that transitions from clear to private with the touch of a button. Available for all projecting and stationary Casco windows as well as swing patio doors, this glass combines modern design with practical privacy, ideal for residential and commercial spaces alike. Whether for offices, bathrooms, or living areas, CLiC Glass brings security and adaptability to any room.

ODL®

ODL Blinds + Glass

provide a modern alternative to traditional blinds by integrating blinds within insulated glass panels for windows and doors. These enclosed blinds eliminate dust buildup, offer enhanced light and privacy control, and use a cordless system for easy adjustment, making them safe for homes with children and pets. They are available in various colors and custom sizes, fitting multiple window and door types, including sliding and hinged doors.

Available Colors



- Available in Casco projecting and stationary windows, as well as swing and sliding patio doors.
- Some size limitations do apply based on oversized units.
- Matching Cardinal LoE options are available in all configurations as shown on page 17.

Casco Industries, Inc.
540 Division St., South Elgin, IL 60177
312 Eureka St., Genoa, IL 60135

800-806-6333

cascoonline.com

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