

100 SERIES
WINDOWS & DOORS

2015-16
PRODUCT
GUIDE
FOR PROFESSIONALS



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100 SERIES

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THE ANDERSEN ADVANTAGE.

For over a century, Andersen has been helping families make their homes brighter, more comfortable and more beautiful. We do it by making windows and doors that are different and better than any others.

Our commitment to constant innovation as well as rigorous testing means that you can count on Andersen to deliver unsurpassed quality and reliability. **That's why peace of mind comes standard on all Andersen® windows and patio doors.**



100 SERIES

WINDOWS & PATIO DOORS

THE SMART ALTERNATIVE TO VINYL

Whether you're replacing, remodeling or building, Andersen® 100 Series windows and patio doors are a smart step up from vinyl. They provide uncommon value, combining time-tested performance with long-lasting beauty. Our 100 Series products are made with our revolutionary Fibrex® composite material, which comes in deep, rich colors that can dramatically enhance any project. In addition, Fibrex material is environmentally responsible and energy efficient, making 100 Series products a winning choice for anyone considering vinyl windows and doors.

DURABILITY

Fibrex material is twice as strong as vinyl, so weathertight seals stay weathertight. And 100 Series products come with durable factory-finished interiors and exteriors that never need painting and won't fade, flake, blister, chalk or peel.*



DEEP, RICH COLORS

Our 100 Series windows come in beautiful colors that can set a project apart.

ENVIRONMENTALLY SMART

Our Fibrex composite material is composed of 40% reclaimed wood fiber by weight, most of which is created during the manufacture of Andersen wood windows.



*Visit andersenwindows.com/warranty or contact your Andersen supplier for details.



100 SERIES WINDOWS AND PATIO DOORS
ARE AVAILABLE IN CUSTOM SIZES



ANDERSEN® 100 SERIES WINDOWS & DOORS DELIVER BEAUTY, PERFORMANCE AND VALUE.

All 100 Series windows and patio doors feature the performance, durability and ease of use you've come to expect from Andersen. They not only provide energy efficiency, beauty and reliability today, but they'll also continue to add value to your projects tomorrow and for years* to come.

ENERGY EFFICIENCY



MEETS ENERGY STANDARDS FOR EVERY CLIMATE

Energy-efficient 100 Series products with options that are ENERGY STAR® certified can help lower heating and cooling bills. What's more, the Fibrex® material used for 100 Series frames and sash blocks thermal transfer nearly 700 times better than aluminum.

IT PAYS TO UNDERSTAND PERFORMANCE

Whatever your project, you want to make sure you have accurate energy performance ratings. The National Fenestration Rating Council® (NFRC) is a nonpartisan, nonprofit organization that provides ratings you can rely on. Go to pages 90-95 for product performance information or visit andersenwindows.com/100series for details.

GLASS OPTIONS THAT MAXIMIZE PERFORMANCE

Andersen® 100 Series windows and patio doors feature glass options designed to suit every climate, project and customer. Choose from several glass options that help reduce energy bills, including patterned glass that adds beauty and privacy. See page 10 for details.

WEATHERSTRIPPING SELECTED FOR STYLE AND COMFORT

We carefully select weatherstripping to match each style of window and door so your customers can enjoy superior comfort and reliability.

*Visit andersenwindows.com/warranty or contact your Andersen supplier for details.

DURABILITY

EASY OPERATION FOR YEARS* TO COME

All Andersen® 100 Series products are rigorously tested to deliver years* of smooth, reliable operation.

DESIGNED FOR PERFORMANCE

100 Series products are designed to meet or exceed performance requirements in all 50 states.** See pages 90-95 for details.

TAKE COMFORT IN SUPERIOR WEATHER RESISTANCE

Our weather-resistant construction seals out drafts, wind and water so well that your reputation is protected whatever the weather.

OWNER2OWNER® LIMITED WARRANTY

QUALITY SO SOLID THAT THE WARRANTY IS TRANSFERABLE*

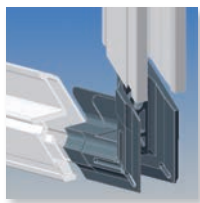
Most other window and door warranties end when a home is sold, but our coverage — 20 years on glass, 10 years on non-glass parts — transfers from each homeowner to the next. And, because it's not prorated, the coverage offers full benefits, year after year, owner after owner.

NEVER NEEDS PAINTING

100 Series windows and doors won't fade, flake, blister, chalk or peel.*

STRONGER CORNER JOINTS

Corner key construction produces joints that are stronger and more attractive than welded vinyl.



Corner key construction

BEAUTY

VIRTUALLY SEAMLESS CORNERS

To give your windows, patio doors and projects a beautiful, clean look, 100 Series products feature virtually seamless corners.



100 Series corner seam



Welded vinyl corner seam

SIX COLORS FOR BEAUTIFUL CURB APPEAL

From White and Sandtone to deep, rich Terratone, Cocoa Bean, Dark Bronze and Black colors, 100 Series windows and doors complement any project.

ATTRACTIVE MATTE INTERIORS

Durable, matte White or Sandtone interiors are available. Interiors may also be painted to match a home's décor.†

DESIGN FLEXIBILITY

Choose from a complete product line (single-hung, gliding, casement, awning, picture and specialty windows and gliding patio doors) in a variety of shapes, sizes and combinations.

IMPROVE YOUR VIEW WITH TRUSCENE® INSECT SCREENS

With over 50% more clarity than conventional insect screens, optional TruScene® insect screens for windows give you beautifully unobstructed views. They let more sunlight and fresh air into the home while keeping the smallest insects out.††



*Visit andersenwindows.com/warranty or contact your Andersen supplier for details.

**See your local code official for building code requirements in your area.

†See care and maintenance guide.

††All comparisons made to conventional Andersen® insect screens.

FIBREX® MATERIAL. STRONG ON PERFORMANCE. GENTLE ON THE ENVIRONMENT.

With Fibrex® composite material, you get the best of both worlds: a top-performing product that is environmentally responsible.

Developed by Andersen, Fibrex material is a revolutionary structural composite material that blends the very best attributes of vinyl and wood. Fibrex material saves on natural resources because it is composed of 40% wood fiber by weight reclaimed from the manufacture of Andersen® wood windows. Special polymer formulations surround and fill each wood fiber, enabling top performance.

The result is a material that provides uncommon value and enhances the quality of any project. In use for nearly two decades in Andersen products, Fibrex material has proven its strength and durability in all types of climates.

A REVOLUTIONARY BUILDING MATERIAL

- Fibrex material is twice as strong as vinyl, so weathertight seals stay weathertight
- It blocks thermal transfer nearly 700 times better than aluminum to help reduce heating and cooling bills
- For exceptional durability, Fibrex material retains its stability and rigidity in all climates

ENVIRONMENTALLY RESPONSIBLE

- Since Andersen developed the highly sustainable Fibrex material, reuse of waste wood fiber has prevented the harvesting of nearly 90 million board-feet of timber
- 100 Series windows can help builders earn LEED® points in three key categories: Energy & Atmosphere, Materials & Resources and Indoor Environmental Quality
- 100 Series products meet or exceed California Section 01350 Specification, a California indoor emission standard — one of the toughest in the country
- Like all Andersen windows, the 100 Series product line is designed to last* and reduce future waste streams



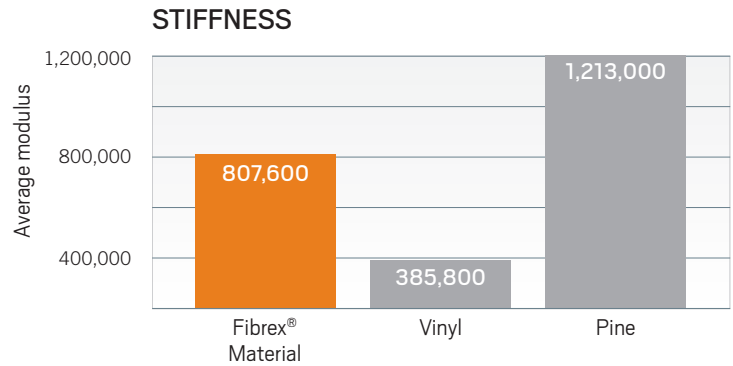
See how Andersen created Fibrex material
at andersenwindows.com/fibrex

*Visit andersenwindows.com/warranty or contact your Andersen supplier for details.
All logos and marks are trademarks of their respective owners.



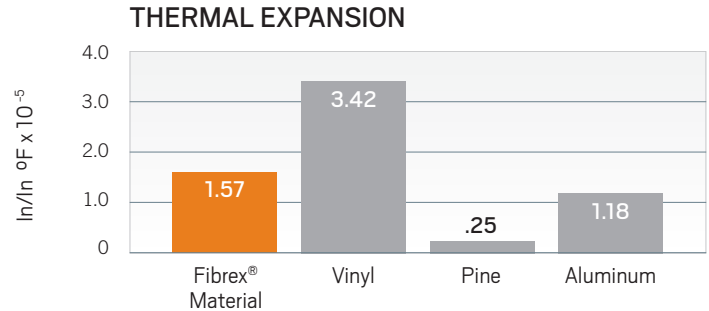
STABLE & PREDICTABLE

Fibrex® material is twice as stiff as vinyl. This strength makes it a better choice over time.



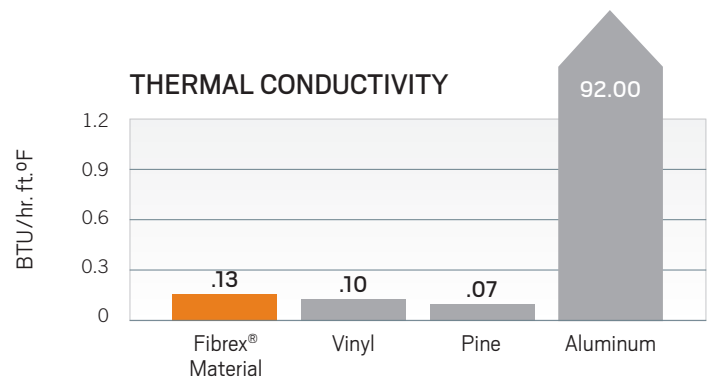
DURABLE & RELIABLE

All materials expand and contract when exposed to extreme temperatures. In these types of conditions, Fibrex material performs twice as well as vinyl, which can bow and crack over time.



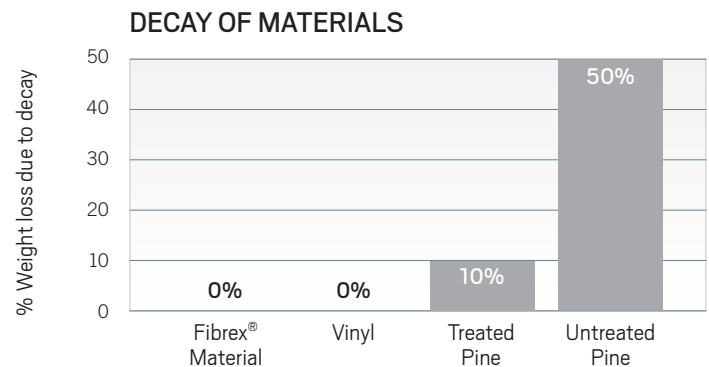
AN EXCELLENT INSULATOR

The built-in thermal qualities of Fibrex material mean that less heat and cold get transferred through the unit into your customers' homes. As an insulator, it's on par with vinyl and is far superior to aluminum.



MOISTURE-RESISTANT

Because Fibrex material combines wood fiber and a special polymer formula, water has a tough time penetrating. The result is an increased resistance to rot.



HEAT-RESISTANT

Designed to withstand direct sunlight, Fibrex material can withstand temperatures in excess of 160°F, even in dark colors.

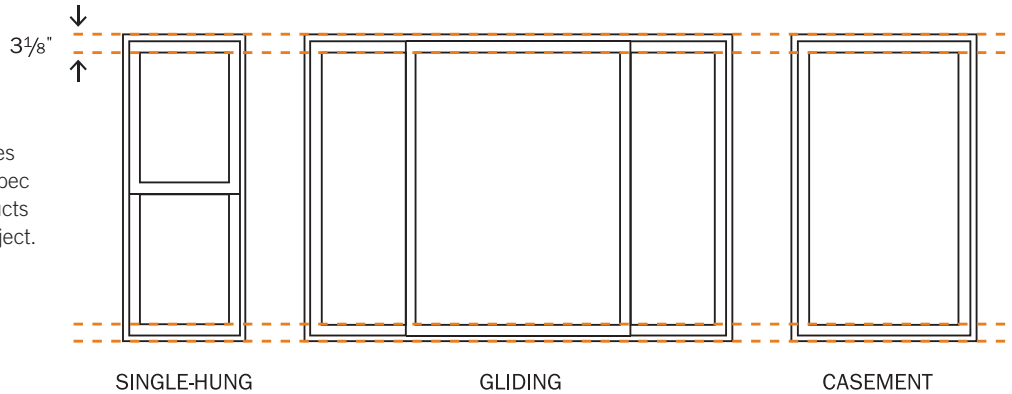
WHATEVER YOUR PROJECT, ANDERSEN DELIVERS.



BUILD

Wherever you work and whatever style of home you're building, you'll find a window or door to match in the Andersen® 100 Series product line. Choose from six exterior colors that won't fade, flake, blister, chalk or peel*—no matter what the climate. Virtually seamless corners create a beautiful, clean look.

Uniform sight lines make it easy to spec 100 Series products for the whole project.



SINGLE-HUNG DRYWALL WINDOW (DRYWALL PASS-THROUGH WINDOW)

- Upper sash (normally stationary) is easily removed on jobsite after the window is installed
- With both sash removed, drywall passes through the window into upper floors

EXTENSION JAMB ATTACHMENT FLANGE

- Easily apply extension jambs to products on the jobsite
- Flanges consist of 8" lengths of PVC applied to the outside edges of frames with VHB (very high bond) tape
- Watch a video on this convenient feature at andersenwindows.com/extjamb



*Visit andersenwindows.com/warranty or contact your Andersen supplier for details.



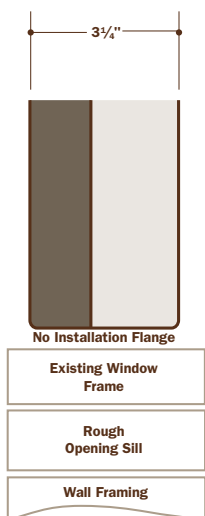
REMODEL

Whether you're adding or updating, Andersen® 100 Series windows and doors enhance your project with beauty, craftsmanship and time-tested performance. 100 Series windows and doors come in styles, shapes and custom sizes that allow you to create the look you want. And you can choose from six exterior colors including dark, rich tones.



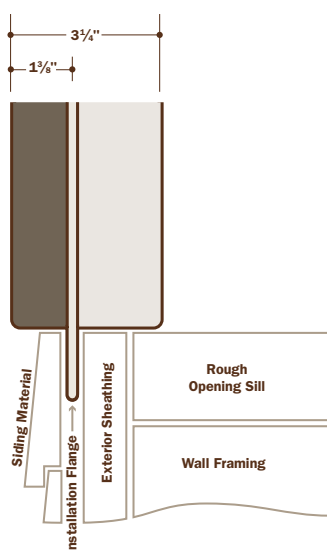
REPLACE

Andersen is committed to being your window and door company for replacement. Measurement guides simplify the ordering process. Custom sizes are available in 1/8" increments and are priced the same as the next larger standard size. And installation on the jobsite is easy. The flangeless configuration includes through-the-jamb installation holes. And the sloped sill adapter for insert applications fits the existing sill slope.



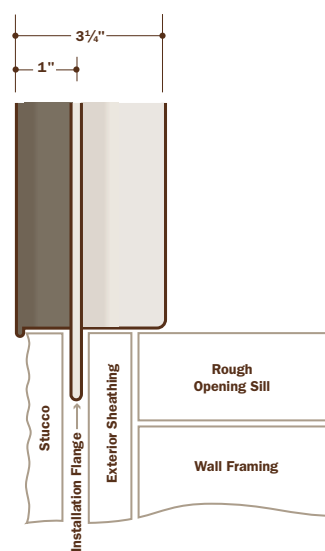
REPLACEMENT CONFIGURATION

This frame allows for fast and easy window replacement. Install the window into your existing window frame without disturbing interior or exterior trim, which saves you time and money.



1 3/8" FLANGE SETBACK

The integral installation flange makes it easy to install windows into a new opening and helps make sure the windows and doors are weathertight.



1" FLANGE SETBACK WITH STUCCO KEY

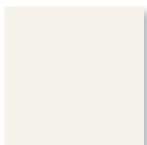
The integral installation flange makes it easy to install windows into a new opening and helps make sure the windows and doors are weathertight. The stucco key eliminates gaps that can result from the natural contraction of exterior stucco.



COLOR OPTIONS

EXTERIOR COLORS

Andersen® 100 Series products come in six exterior colors, including Cocoa Bean, Dark Bronze and Black — colors that are darker and richer than those of most vinyl windows.



White



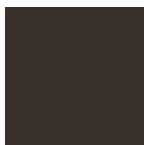
Sandtone



Terratone



Cocoa Bean



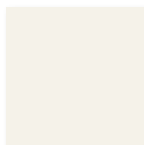
Dark Bronze



Black

INTERIOR COLORS

100 Series windows and doors feature an attractive matte finish inside. This gives you the ability to select the exterior color without compromising options for interior decoration.



White



Sandtone



Printing limitations prevent exact color duplication. See your Andersen dealer for actual color samples.



CHOOSE THE
RIGHT COLOR
TO ENHANCE
THE BEAUTY
OF YOUR
PROJECT.



GLASS OPTIONS

Andersen has the glass you need to get the performance you want with options for every climate, project and customer. Check with your supplier for the selections that are ENERGY STAR® certified in your area.

PERFORMANCE COMPARISON OF ANDERSEN® 100 SERIES GLASS OPTIONS

| GLASS | E N E R G Y | | L I G H T | |
|--|---|--|---|---|
| | U-FACTOR | SOLAR HEAT GAIN COEFFICIENT | VISIBLE LIGHT TRANSMITTANCE | UV PROTECTION |
| | How well a product prevents heat from escaping. | How well a product blocks heat caused by sunlight. | How much visible light comes through a product. | How well a product blocks ultraviolet rays. |
| Low-E Energy-efficient Low-E glass is available in all Andersen® 100 Series products, and can help reduce energy bills in any climate. | ★★★★☆ | ★★★★☆ | ★★★★☆ | ★★★★☆ |
| Low-E with HeatLock® Coating Applied to the room-side glass surface, it reflects heat back into the home and improves U-Factors. | ★★★★☆ | ★★★★☆ | ★★★★☆ | ★★★★☆ |
| SmartSun™ Thermal control similar to tinted glass, but with the visible light transmittance of clear glass. | ★★★★☆ | ★★★★★ | ★★★★☆ | ★★★★★ |
| SmartSun with HeatLock® Coating Applied to the room-side glass surface, it reflects heat back into the home and improves U-Factors. | ★★★★☆ | ★★★★★ | ★★★☆☆ | ★★★★★ |
| Clear Dual-Pane Dual-pane glass is available for projects where codes allow its use.* | ★★☆☆☆ | ☆☆☆☆☆ | ★★★★★ | ☆☆☆☆☆ |

Center of glass performance only. Ratings based on glass options available as of March 2015. Visit andersenwindows.com for ENERGY STAR® map and NFRC total unit performance data.

TIME-SAVING TRANSLUCENT FILM

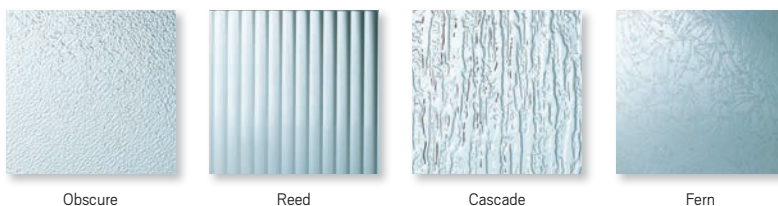
We help protect 100 Series windows and doors during delivery and construction with a translucent film that minimizes time spent masking on the jobsite, then peels away for a spotless window. For details, contact your Andersen supplier or visit andersenwindows.com.



ADDITIONAL GLASS OPTIONS

Tempered safety glass is available (standard on gliding patio doors) as well as sound-reducing glass options.

Patterned glass lets in light while obscuring vision and adds a unique, decorative touch to your home.



Cascade and Reed patterns are only available in a vertical orientation.

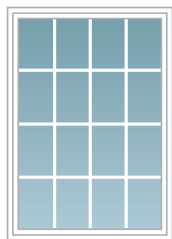
*See your local code official for building code requirements in your area.

GRILLE OPTIONS

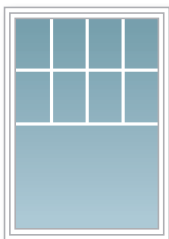
Andersen® 100 Series products are available with Finelight™ grilles-between-the-glass that make window and patio door glass easy to clean. They have an elegant, sculpted profile, plus they offer a two-sided color scheme, allowing you to have grilles that match not only the interior color, but also your exterior color choice.



GRILLE PATTERNS



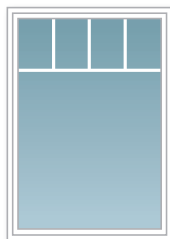
Colonial



Modified Colonial



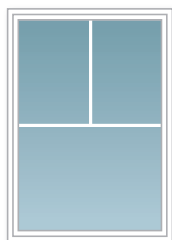
Prairie A



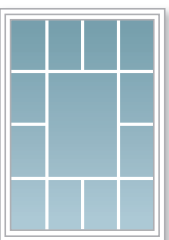
Short Fractional



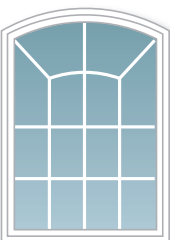
Specified Equal Light (2 x 2)



Tall Fractional



Victorian



Renaissance
(Shown in arch)



Sunburst
(Shown in half circle)



Specified Equal Light (1 x 3)

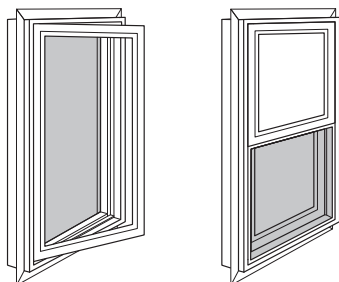
Any number of same-size rectangles across or down. Some limitations apply.

Note: Some grille patterns not available in all configurations and products.

INSECT SCREENS

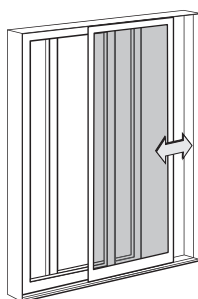
Insect screens for windows and patio doors have a fiberglass screen mesh. Optional TruScene® insect screens for windows are made with a micro-fine stainless steel mesh, providing 50% more clarity than our conventional insect screens.

WINDOWS



Insect screens are available for all 100 Series venting windows.

PATIO DOORS



Gliding Insect Screen

Gliding insect screens are available for two-panel doors.

WINDOW & DOOR TYPES

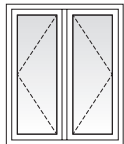
Building an energy-efficient home doesn't mean you have to compromise. Andersen® 100 Series windows and doors come in styles, shapes and custom sizes to create the look you want.



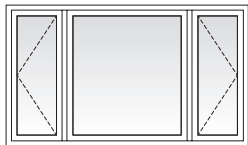
Available in custom sizes to fit all projects, including replacement.

CASEMENT & AWNING WINDOWS

Casement windows are hinged and open outward to the left or right, while awning windows are hinged at the top and open outward. Both are also available in stationary versions.



Twin Casement



Picture with Flanking Casements

More combination options available.

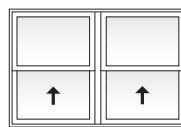
SINGLE-HUNG WINDOWS

This style features a stationary upper sash with a movable lower sash that allows ventilation. For convenience, the hardware locks automatically when the window is closed. An arch style is also available to add architectural interest and greater curb appeal.

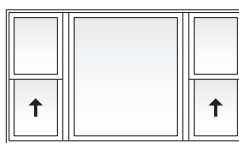
Single-hung drywall windows (also known as drywall pass-through windows) feature a removable upper sash which makes it easier to get drywall to the upper floors of your project.



Arch Single-Hung



Twin Single-Hung

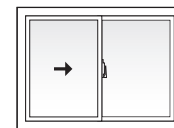


Picture with Flanking Single-Hungs

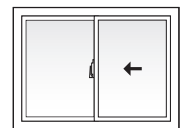
More combination options available.

GLIDING WINDOWS

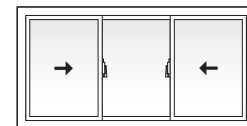
These windows have one stationary sash and one that opens. A three-sash configuration, where two sash glide past a fixed center sash, is also available.



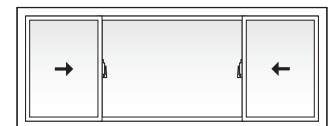
Gliding - XO
(active-stationary)



Gliding - OX
(stationary-active)



Gliding - XOX 1:1:1 Sash Ratio
(active-stationary-active)

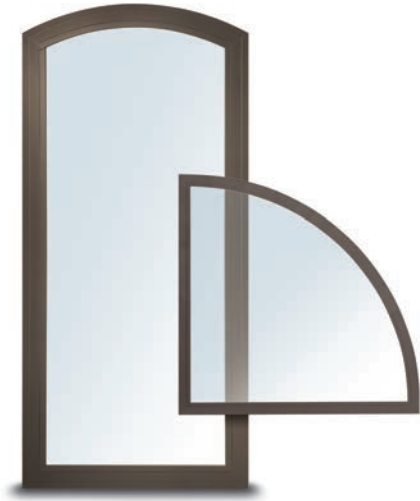


Gliding - XOX 1:2:1 Sash Ratio
(active-stationary-active)

More combination options available.

PICTURE, TRANSOM & SPECIALTY WINDOWS

Arch, Springline™, half circle, quarter circle, full circle and rectangular shapes are available, along with seven new custom shapes including: right and isosceles triangles, trapezoid, angled and peak pentagons, octagon and unequal leg arch.



GLIDING PATIO DOORS

Patio doors feature one stationary panel and one that glides smoothly on adjustable rollers. They feature a multi-point locking system for enhanced security and an optional exterior keyed lock for convenience. Sidelight and transom windows are also available.



HARDWARE

WINDOWS

All window hardware is white or sandtone to match the interior of your windows.



Casement and awning hardware folds down so it doesn't interfere with window treatments.



Single-hung and gliding windows feature hardware that automatically locks when windows are closed.



Single-hung and gliding windows are available with an optional lift/pull handle.

PATIO DOORS

Tulsa and Afton hardware options are available. Tulsa hardware exterior handles match the door's exterior color, while interior handles are white or sandtone to match the interior. Afton hardware has the same finish inside and out, and is available in antique brass, bright brass, black and satin nickel finishes. An optional auxiliary foot lock provides an extra measure of security when the door is in a locked position.

TULSA HARDWARE



Exterior Handle
Matches exterior door color; shown in Dark Bronze



Interior Handle
Matches interior door color; shown in White

AFTON HARDWARE



Exterior Handle



Interior Handle

Antique Brass | Bright Brass
Black | **Satin Nickel**

Bold name denotes finish shown.