

100 SERIES

WINDOWS • DOORS



THE SMART
ALTERNATIVE TO VINYL



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 patio 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, in addition to exceptional service and support.

100 SERIES PRODUCTS 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. Made with our innovative Fibrex® composite material, which comes in deep, rich colors, and is environmentally responsible and energy efficient, 100 Series products are a winning choice for anyone considering vinyl windows and doors.



Fibrex material retains its stability and rigidity in all climates, delivering exceptional durability. It makes our 100 Series products rigid and strong, so the weathertight seals stay weathertight.



The finish on 100 Series products has superior scratch resistance compared to painted vinyl windows, so they'll look beautiful for years to come.



100 Series products can withstand temperatures up to 150°F, even in dark colors, meaning they won't warp due to sun exposure.

* When 100 Series products were tested against five leading competitors' painted vinyl window products.

100 SERIES WINDOWS & DOORS

DELIVER BEAUTY, PERFORMANCE & DURABILITY.

ATTRACTIVE CORNER SEAMS.

100 Series products feature low-visibility corner seams for a cleaner and more contemporary look.

COLORS THAT LAST.

Durable, factory-finished interiors and exteriors never need painting and **won't fade, flake, blister or peel,** even in extreme cold or heat.

ATTRACTIVE MATTE INTERIORS.

Premium matte finish isn't shiny like vinyl and is available in white, Sandtone, dark bronze and black.**

ENERGY EFFICIENT IN EVERY CLIMATE.

Energy-efficient 100 Series products are available with options that make them ENERGY STAR[®] certified throughout the U.S., so they can help reduce heating and cooling bills. What's more, Fibrex[®] composite material blocks thermal transfer nearly 700 times better than aluminum.



EASY OPERATION FOR YEARS TO COME.

All 100 Series products are tested to the extreme to deliver years* of smooth, reliable operation.

SUPERIOR WEATHER RESISTANCE.

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

QUALITY SO SOLID, 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 for real added value.

OWNER2OWNER
LIMITED WARRANTY

DESIGNED FOR PERFORMANCE.

100 Series products are designed to meet or exceed performance requirements in all 50 states.[†] See pages 103-104 for details.

PG50^{††}

PERFORMANCE
OPTIONAL PERFORMANCE UPGRADE

100SHS4066 DPUP IG +50/-50
(AAMA/WDMA/CSA 101/I.S.2/A440-08 & -11)

* Visit andersenwindows.com/warranty for details.

** Units with black, dark bronze or Sandtone interiors have matching exteriors.

† See your local code official for code requirements in your area.

†† 100SHS4066 DPUP IG +50/-50 (AAMA/WDMA/CSA 101/I.S.2/A440-08 & -11). Optional PG50 Performance Upgrade is available for most sizes. For more information, visit andersenwindows.com/100series

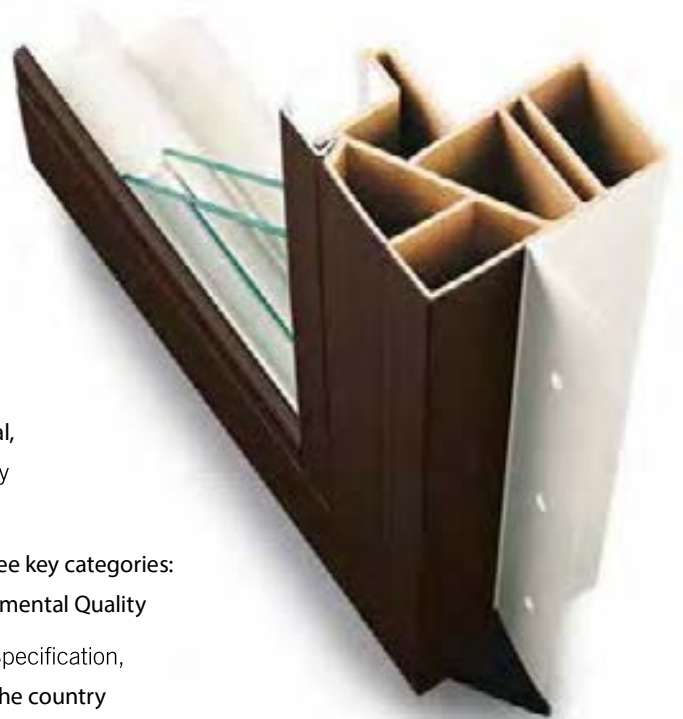
FIBREX[®] MATERIAL

STRONG ON PERFORMANCE. GENTLE ON THE ENVIRONMENT.

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% reclaimed wood fiber by weight. 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 over two decades in Andersen[®] products, Fibrex material has proven its strength and durability in all types of climates.

REVOLUTIONARY BUILDING MATERIAL

- Twice as strong as vinyl, so weathertight seals stay weathertight
- Blocks thermal transfer nearly 700 times better than aluminum to help reduce heating and cooling bills
- Retains its stability and rigidity in all climates for exceptional durability
- Offers superior scratch resistance compared to painted vinyl^{*}



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 products 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 products, 100 Series products are designed to last^{**} and help reduce future waste streams



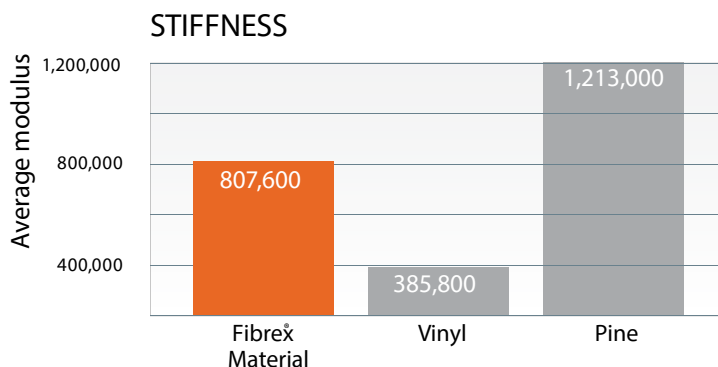
See how Andersen created Fibrex material
at andersenwindows.com/fibrex

* Visit andersenwindows.com/warranty for details.

** When tested against five leading competitors' painted vinyl window products.

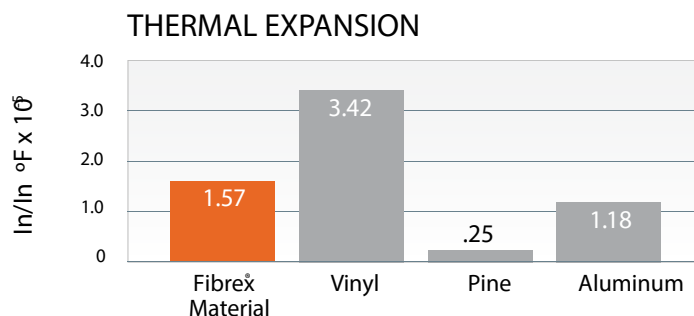
✓ STABLE & PREDICTABLE

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



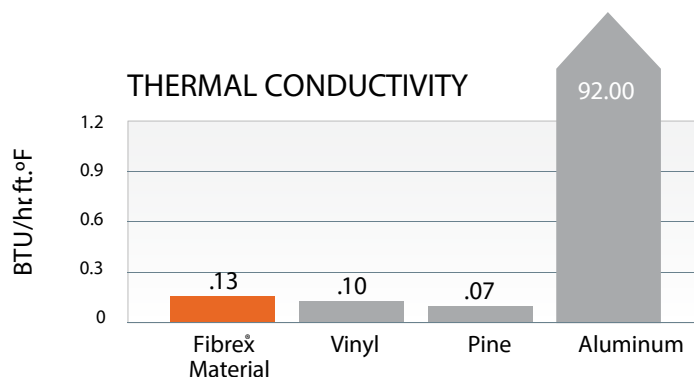
✓ DURABLE & RELIABLE

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.



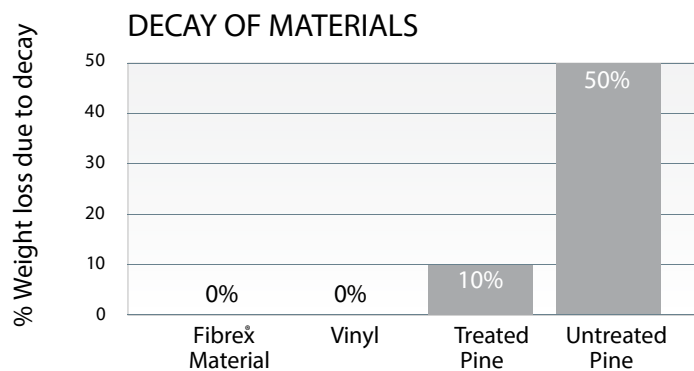
✓ AN EXCELLENT INSULATOR

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 is on par with vinyl and 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

Fibrex material can withstand temperatures in excess of 150°F, even in dark colors.

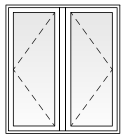
WINDOW & DOOR TYPES

CASEMENT & AWNING WINDOWS

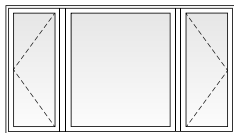
Casement windows are hinged on the side and open outward to the left or right, while awning windows are hinged at the top and open outward. Both are also available as non-operating stationary windows.



Sandtone



Twin Casement



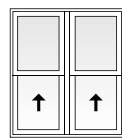
Picture with Flanking Casements

SINGLE-HUNG WINDOWS

Single-hung windows feature a fixed upper sash with an operable lower sash that slides up and down. For convenience, the hardware locks automatically when the window is closed. An arch single-hung is also available to add architectural interest.



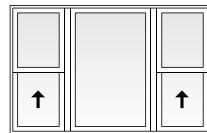
Dark Bronze



Twin Single-Hung



Arch Single-Hung



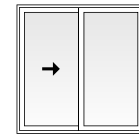
Picture with Flanking Single-Hungs

GLIDING WINDOWS

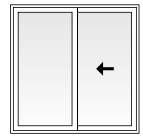
Gliding windows have one stationary sash and one operating sash that glides horizontally. A three-sash configuration, where two sash glide past a fixed center sash, is also available.



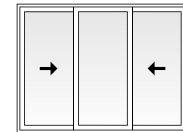
Black



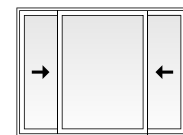
Gliding
Active-Stationary



Gliding
Stationary-Active



Gliding
Active-Stationary-Active, 1:1:1 Sash Ratio



Gliding
Active-Stationary-Active, 1:2:1 Sash Ratio



Available in custom sizes to fit all projects.

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 meet ENERGY STAR^{*} requirements in your area.

	E N E R G Y		L I G H T	
	U-FACTOR	SOLAR HEAT GAIN COEFFICIENT	VISIBLE LIGHT TRANSMITTANCE	UV PROTECTION
G L A S S	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.
SmartSun™ Thermal control similar to tinted glass, with visible light transmittance similar to Low-E glass.	★★★★☆	★★★★★	★★★☆☆	★★★★★
SmartSun with HeatLock Coating Applied to the room-side surface, it reflects heat back into the home and improves U-Factors.	★★★★☆	★★★★★	★★★☆☆	★★★★★
Low-E Outstanding overall performance for climates where both heating and cooling costs are a concern.	★★★★☆	★★★★☆	★★★★☆	★★★★☆
Low-E with HeatLock² Coating Applied to the room-side surface, it reflects heat back into the home and improves U-Factors.	★★★★☆	★★★★☆	★★★☆☆	★★★★☆
Sun Outstanding thermal control in southern climates where less solar heat gain is desired.	★★★★☆	★★★★★	★★☆☆☆	★★★★☆
Clear Dual-Pane High visibility with basic thermal performance.	★★☆☆☆	☆☆☆☆☆	★★★★★	☆☆☆☆☆

Center of glass performance only. Ratings based on glass options available as of June 2019. Visit andersenwindows.com/energystar for ENERGY STAR^{*} map and NFRC total unit performance data.

TIME-SAVING FILM

We help protect our products during delivery and construction with a translucent film that peels away for a spotless window.



ADDITIONAL GLASS OPTIONS

Tempered safety glass is available and is standard on gliding patio doors. Sound reducing glass options are also available.

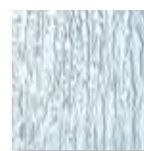
Patterned glass lets in light while obscuring vision and adds a unique, decorative touch.



Obscure



Reed



Cascade



Fern

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

GRILLE OPTIONS

Grilles for Andersen® 100 Series windows and patio doors are available in a wide variety of patterns to complement virtually any style of home. Plus, they have options for easy cleaning and architectural authenticity many vinyl windows can't match.

Finelight™ Grilles-Between-the-Glass make glass easy to clean. They have an elegant, sculpted profile, plus they offer a two-sided color scheme, allowing them to match both the interior and exterior of the window or patio door.



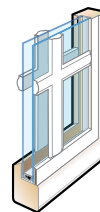
Finelight Grilles-Between-the-Glass with Exterior Grilles make interior glass easier to clean, while permanent exterior grilles provide architectural style and detail.



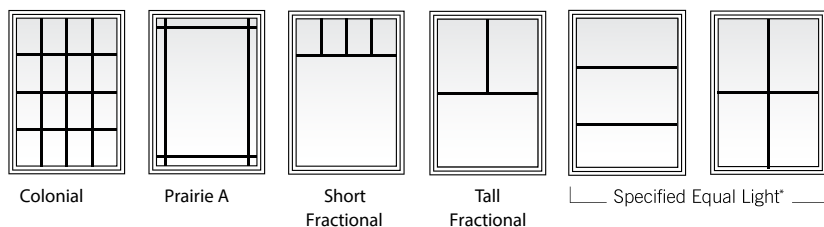
Full Divided Light feature grilles permanently applied to the interior and exterior of the window with a spacer between the glass for an authentic look.



Simulated Divided Light offers permanent grilles on the exterior and interior with no spacer between the glass.



GRILLE PATTERNS



GRILLE BAR WIDTHS

Actual size shown.



$\frac{3}{4}$ " (19)



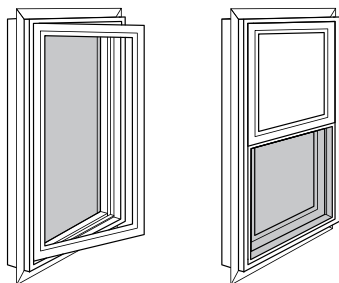
1" (25)

Grille width for windows is $\frac{3}{4}$ " (19). Grille width for patio doors is 1" (25). A 2 $\frac{1}{4}$ " (57) simulated meeting rail is available for casement windows to replicate the look of single-hung windows.

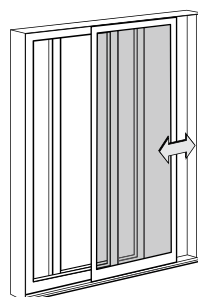
To see all of the standard patterns available for a specific window or door, refer to the detailed sections in this book for each product or contact your Andersen supplier.

INSECT SCREEN OPTIONS

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.



Insect screens are available for all venting windows.



Gliding insect screens are available for two-panel doors.

* Specify number of same-size rectangles across or down.
Dimensions in parenthesis are in millimeters.