



PELLA[®]

ProLine 450 Series

WOOD WINDOWS AND PATIO DOORS
AT A COMPETITIVE PRICE



Style for less.





Pella® ProLine 450 Series products offer our most popular features, including the natural beauty of wood with low-maintenance aluminum-clad exteriors. With the availability of factory-assembled window combinations, you can make a truly unique design statement that's so beautiful, they'll think you hired an architect.



Pella quality for your home.

There's a Pella ProLine 450 Series product to fit most any window or door opening at a competitive price.



A custom look at a competitive price.

Pella ProLine 450 Series windows and doors offer many of the features found on Pella's premium wood lines and cost less. You get beautiful wood interiors, low-maintenance EnduraClad® exteriors, and a wide range of standard and special sizes, shapes and styles.

Beauty of wood.



Our most popular features start here.

Choose from Pella's most requested styles, and add character to your home with the right sizes, colors and grille patterns.

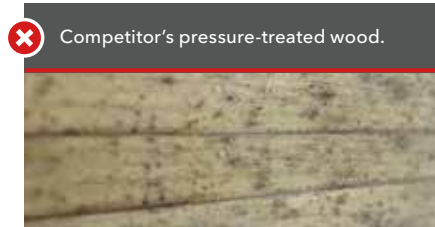


EnduraGuard® wood protection offers advanced protection against the effects of moisture, decay, stains from mold and mildew – as well as termite damage. This proven immersion-treatment method will help ensure that Pella® wood windows and patio doors look and perform beautifully for years.



✓ Pella EnduraGuard wood protection.

Pella's casement window after 7 months of exposure to moisture.*



✗ Competitor's pressure-treated wood.

Stain mold present after 7 months of field-testing a competitor's pressure-treated wood.*

* For testing purposes, the seal between the bottom rail and the glass was compromised in both casement units tested.

Factory-prefinished pine interiors. Pella wood products can arrive factory-prefinished in your choice of eight beautiful stain colors, as well as primed, or with White, Bright White or Linen White paint. You get a professional, high-quality finish – eliminating drips, runs and harmful odors.





One of the best warranties in the industry.
Pella® ProLine 450 Series products are backed by the Pella 20/10 Limited Warranty. See written warranty for complete details at pella.com/warranty.



EnduraClad® low-maintenance exterior finish helps keep the exterior of your window or patio door protected from the elements and is fade-resistant. So your windows and patio doors will look great for years.



Pella's aluminum-clad exterior.



Old wood exterior.

A wood product that's just right for you.

WINDOWS



Casement and Awning Windows

Smooth openings and closings.
Stainless steel operating arms and hinges resist rust and corrosion.

Simple to operate.
Unison Lock System secures the window in two places with one easy-to-reach handle.

More convenient handle design.
Fold-away handle won't get in the way of roomside window treatments.

Easier cleaning.
Easy-clean wash feature makes it simple to clean the exterior glass from inside your home.

Double-Hung Windows

Easy operation.
Our Advanced Balance System helps ensure that your window will open and close easily for years to come.

Strong protection against the weather.
Pella's cam-action locks pull the sashes tight against the weatherstripping.

Easier cleaning.
Opening sash tilts in – making it easy to clean the exterior glass from inside your home.

Bay and Bow Windows

Added character and space.
Bay windows feature high-quality stain-grade birch headboards and seatboards.

More light and view.
Combine a fixed window with windows that open and close to expand your view outdoors.

A stunning focal point.
Factory-assembled window combinations allow you to create a look that's all your own.

PATIO DOORS



Combination, Fixed, Special Shape Windows

Curves and angles.

Special Shape windows add architectural interest and natural light.

A quality, seamless look.

Grille options are available to match other Pella® products.

More ways to express your style.

Virtually limitless combinations allow you to create a stunning focal point in your home.

Sliding Patio Doors

Easy operation.

Convenient thumb lock allows you to open and close the door with one hand.

Better draft protection.

Pella's unique design puts the sliding panel on the outside. So when the wind blows against it, it creates a tighter seal.

More light and a clearer view.

Optional top-hung sliding screen* door is made with Pella's high-transparency InView™ screen.

Hinged Patio Doors

Stunning design and functionality.

Choose from two movable doors that swing open from the center, one movable door with one fixed door, or the simple elegance of a single door.

Added peace of mind.

Advanced multipoint locking system secures the door at the top, middle and bottom for added security.

More fresh air.

Optional hinged screen doors are available to match your patio door's EnduraClad® exterior finish color and feature Pella's high-transparency InView screen.

* ⚠ WARNING: Screen will not stop child or pet from falling out of window or door. Keep child or pet away from open window or door.

For more information on Pella's window and door offering, see your local Pella sales representative or visit:

CHOOSEPELLA.COM/OFFERING

Comfort in. Weather out.

Pella® products offer exceptional energy-efficient performance wherever you live.

Glass at a glance.

Pella's InsulShield® Low-E Glass Collection¹ features our most innovative and energy-saving choices, designed for your specific needs.



For many U.S. climates.

GLASS TYPE: Advanced
Low-E Insulating Glass with Argon²

Unique Low-E technology delivers balanced insulation for cold winters and hot summers.



For very hot, sunny climates.

GLASS TYPE: SunDefense™
Low-E Insulating Glass with Argon²

Allows in visible light and provides a clear view, while helping to block the heat of the sun.



Hawaii

¹ Glass options can be upgraded to offer the benefits of our InsulShield Low-E Glass Collection. Glass options may vary per product. See specific product information for availability.

² Optional high-altitude Low-E insulating glass does not contain argon in most products. Please see your local Pella sales representative for more information.

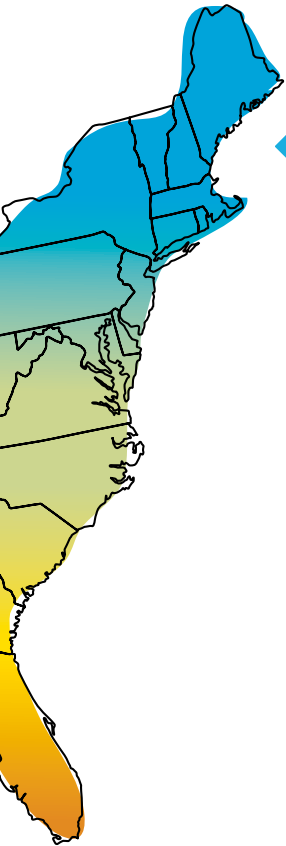
³ Some Pella products may not meet ENERGY STAR® certification in Canada. For more information, contact your local Pella sales representative or go to nrcan.gc.ca/energy/products/categories/fenestration/13739.

⁴ Ranges are based on the average savings among homes in modeled cities. Actual savings will vary based on local climate conditions, utility rates and individual home characteristics. For more information on the benefits of ENERGY STAR certified windows and doors, go to energystar.gov/products/building_products/residential_windows_doors_and_skylights/benefits.

For cold climates – like northern U.S. and Canada.

GLASS TYPE: NaturalSun
Low-E Insulating Glass with Argon²

Allows the sun's heat to flow in and warm your home, while providing excellent insulation from the cold.



For northern U.S. climates.

GLASS TYPE: AdvancedComfort
Low-E Insulating Glass with Argon²

Unique Low-E technology delivers balanced insulation for colder winters and moderate summers.



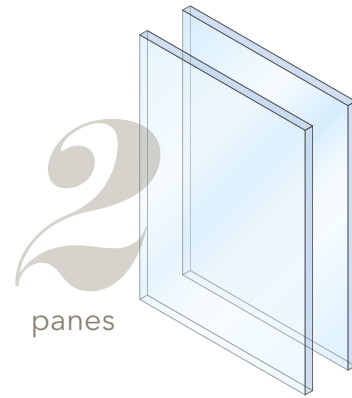
Helping you save on heating and cooling costs.

Installing ENERGY STAR® certified windows and doors can lower energy costs.³ With more efficient windows, you can also use less energy, which reduces greenhouse gas emissions from power plants.

For a typical home, when replacing single-pane windows with ENERGY STAR certified windows, you can save on average:

\$101 to
\$583 per year

And 1,006 to 6,205 pounds of carbon dioxide (CO₂), which is equivalent to 51 to 317 gallons of gasoline a year.⁴



Available on ALL Pella® products.

More panes, more gains. Many older homes have single-pane windows, which can lead to higher heating and cooling costs and drafty interiors. Multiple panes of glass create an air chamber that can dramatically increase energy efficiency and comfort.

Glass for a wide range of needs.

In addition to exceptional energy efficiency, you'll find great glass options that help with privacy, glare and noise control.

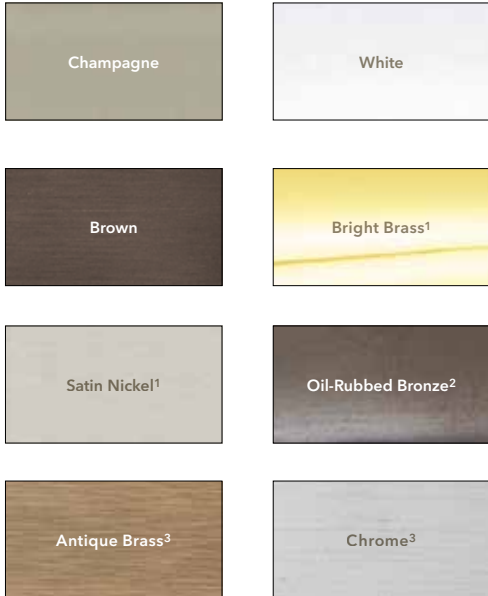
For more information on glass, see your local Pella sales representative or visit:

CHOOSEPELLA.COM/GLASS

Features and options.

HARDWARE FINISHES

Choose from today's most popular decorative finishes to coordinate with other finishes in your home.



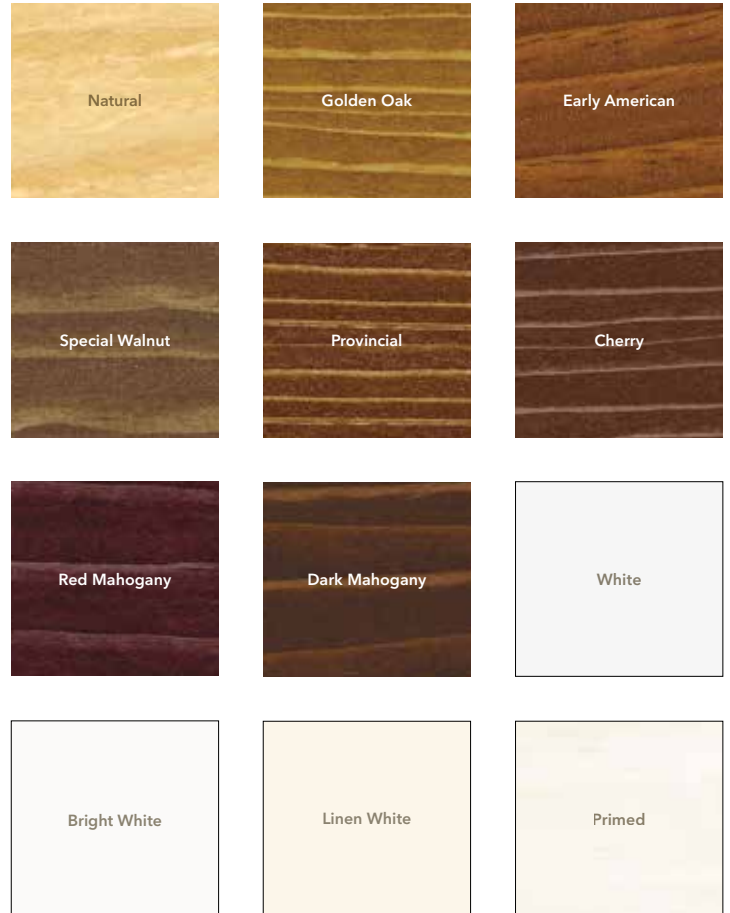
HARDWARE STYLES

Find beauty and function in Pella's innovative, easy-to-operate hardware styles.



PREFINISHED PINE INTERIORS

The interiors of all Pella® Pine windows and patio doors can arrive prefinished in your choice of eight stain colors to complement your home. Three prefinished paint colors or primed, ready-to-paint interiors are also available.



ALUMINUM-CLAD EXTERIORS

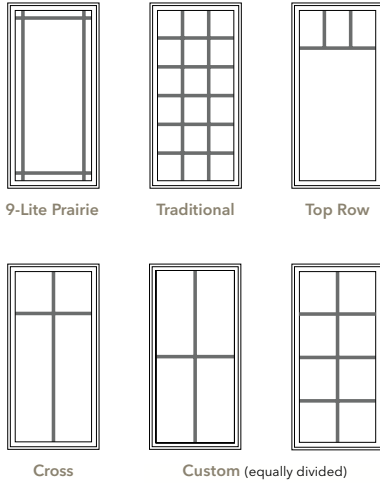
Beautifully durable, Pella's low-maintenance EnduraClad® exterior finish resists fading and helps protect your windows and patio doors for years.



DESIGN GUIDE

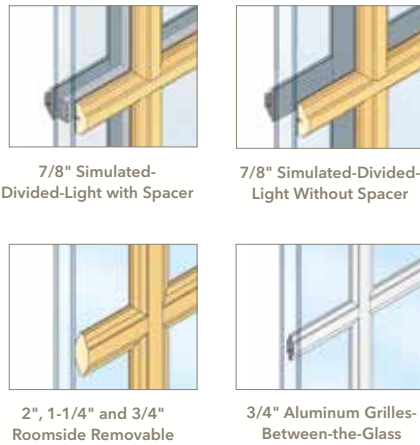
GRILLE PATTERNS⁴

A variety of grille patterns for the traditional look of divided light. Custom patterns are also available.



GRILLES

Choose the look of true divided light, or add grilles-between-the-glass that make cleaning the glass easier.



Aluminum grilles-between-the-glass feature the option of the interior grille colors shown above. The exterior will match the EnduraClad® color you choose.⁶

GLASS

INSULSHIELD® LOW-E GLASS COLLECTION¹



Advanced Low-E insulating glass with argon	S	S
AdvancedComfort Low-E insulating double-pane glass with argon	O	O
NaturalSun Low-E insulating glass with argon	O	O
SunDefense™ Low-E insulating glass with argon	O	O

ADDITIONAL GLASS OPTIONS^{*}

Tempered glass	O	O
Laminated (non-impact-resistant), tinted and obscure glass available on select products	O	O

* See glass information on pages 8 - 9 for details.

INTERIORS

WOOD TYPES

Pine	S	S
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INTERIOR FINISHES

Unfinished	S	S
Primed, ready to finish*	O	O
Prefinished stain or paint*	O	O

INTERIOR TRIM

Primed, ready to finish*	O	O
Prefinished stain or paint*	O	O

* See page 10 for finishes.

EXTERIORS^{*}

EXTERIOR FINISHES

Aluminum-clad with EnduraClad® protective finish	S	S
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EXTERIOR TRIM

EnduraClad factory-applied trim	S	S
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* See page 10 for finishes.

HARDWARE¹

FINISHES¹

Champagne, White, Brown, Bright Brass, Satin Nickel, Oil-Rubbed Bronze ² , Antique Brass ³ and Chrome ³	O	O
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¹ See hardware finish colors and styles on page 10.

² Oil-Rubbed Bronze is a living finish that will develop its own unique patina with use.

³ Available on hinged patio doors only.

GRILLES^{*}

PERMANENT GRILLES

Simulated-Divided-Light grilles with or without spacer	O	O
Aluminum grilles-between-the-glass	O	O

REMOVABLE GRILLES

Roomsider interior wood grilles	O	O
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* See left for grille finish colors and styles.

SCREENS^{*}

InView™ screen	S	S
Vivid View™ high-transparency screen	O	-

* **WARNING:** Screen will not stop child or pet from falling out of window or door. Keep child or pet away from open window or door.

WARRANTY



Pella 20/10 Limited Warranty [*]	S	S
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* See written warranty for complete details at pella.com/warranty.

(S) Standard (O) Optional (-) Unavailable

See a Pella professional for specific details and additional options available.

Some features are part of our standard offering; not all options are available on all product styles.

¹ On hinged patio doors, Endura Hardware Collection offers a 10-year warranty. See written warranty for complete details at pella.com/warranty.

² Oil-Rubbed Bronze is a living finish that will develop its own unique patina with use.

³ Hinged patio doors only.

⁴ Grille patterns offered may vary per product. See specific product information for availability.

⁵ Only available with matching interior and exterior colors.

⁶ Appearance of exterior grille color may vary depending on the Low-E insulating glass selection.



VIEWED TO BE THE BEST.®

Want to learn more about Pella® windows and doors? Call us at **866-209-4260** or visit pella.com.



Always read the Pella limited warranties before purchasing or installing Pella products. See written warranties for complete details at pella.com/warranty.



Pella Corporation is a proud volunteer partner in the U.S. Environmental Protection Agency and the Department of Energy's ENERGY STAR® program to promote the use of high-efficiency products.



Connect with Pella: