

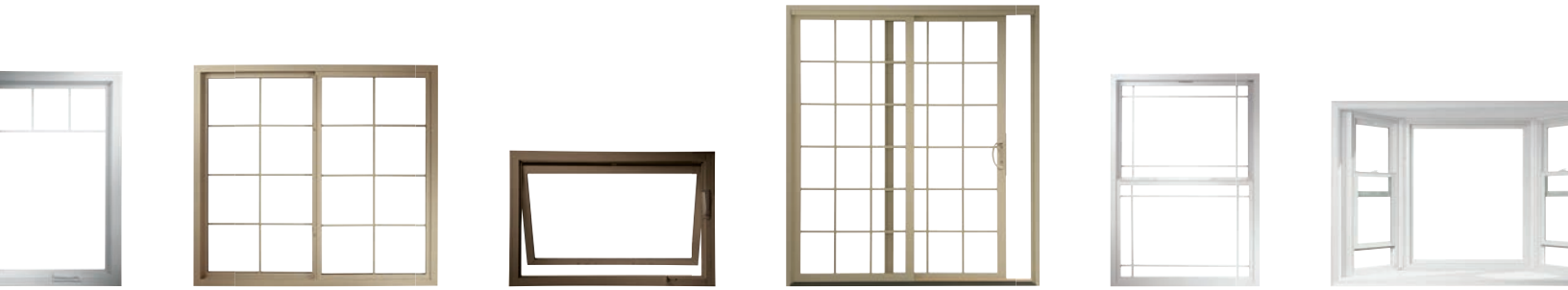


## Fiberglass Windows and Sliding Patio Doors



With outstanding beauty, performance and energy efficiency, Pella® Impervia® windows and patio doors are *creating a better view of home.*





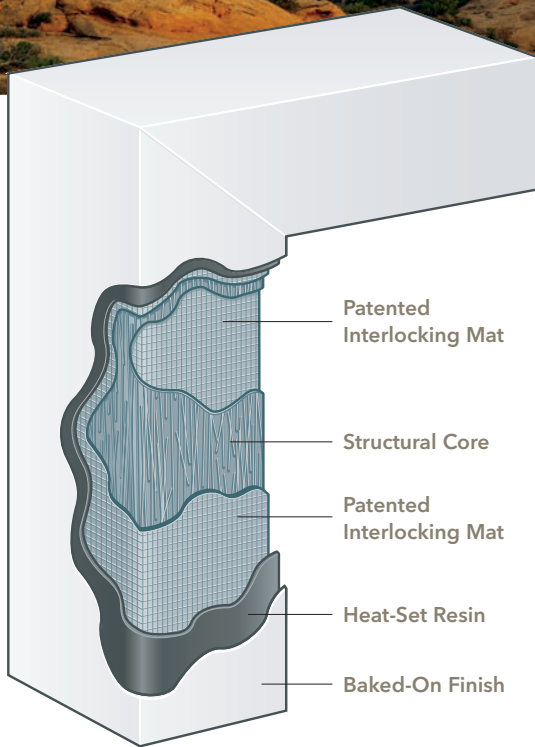
Pella® Impervia® windows and patio doors. Their name says it all. Pella Impervia products combine the beauty you expect from Pella with the durability to be virtually impervious to all weather conditions. Plus, they're low-maintenance, provide incredible energy efficiency and have the quality look of painted wood. Windows and doors built to stand up. And stand out. That's how Pella Impervia products are *creating a better view*.

# WHY CHOOSE Pella® Impervia®

Fiberglass Windows and Patio Doors

## SUPERIOR DURABILITY IN EXTREME WEATHER CONDITIONS

Made from the strongest,  
most durable material available  
in windows and patio doors.<sup>1</sup>



### Withstands high heat and subzero cold.

Duracast® material – Pella’s patented, five-layer, engineered fiberglass composite – is ideally suited for all climates.



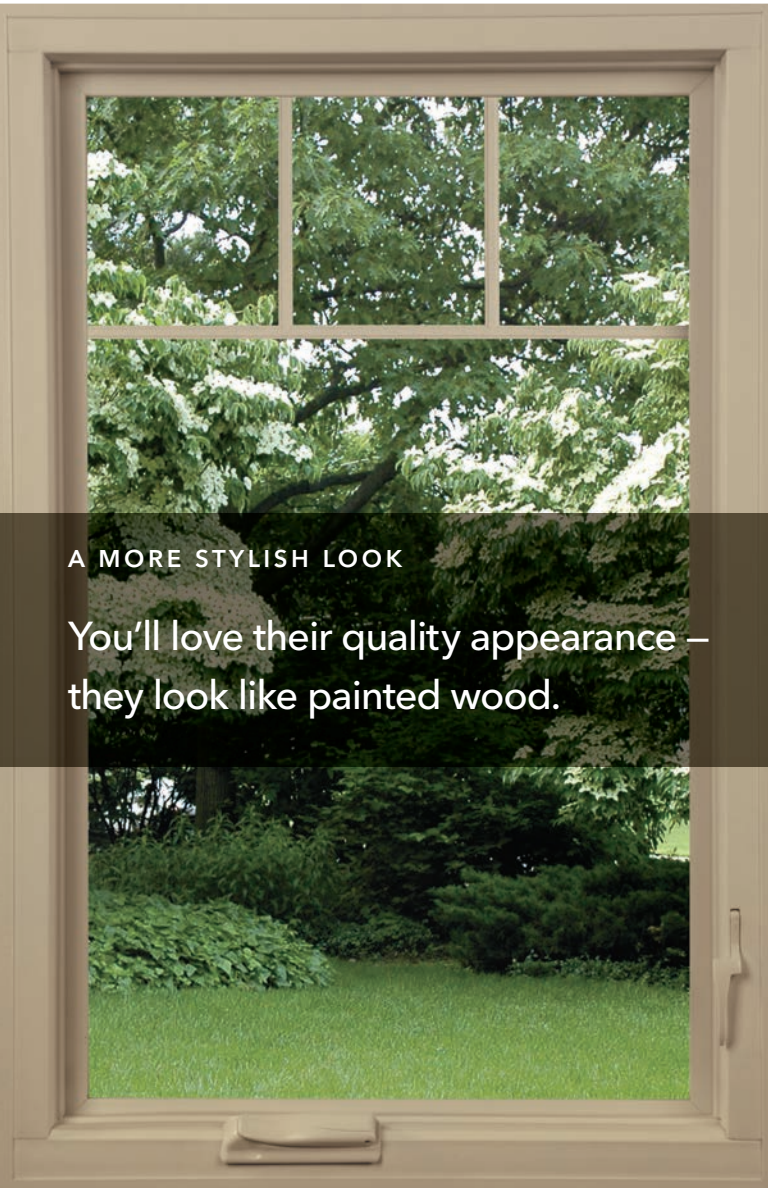
**ENERGY STAR® performance.** Pella Impervia products offer the energy-efficient options that will meet or exceed ENERGY STAR guidelines in all 50 states.<sup>2</sup>

- You could save \$146 - \$501 a year on your heating and cooling bills.<sup>3</sup>
- You’ll enjoy a more comfortable home year-round.
- The interior of your home will be protected from fade damage.
- Choose optional foam-insulated frames to further improve energy efficiency in extreme climates.

<sup>1</sup> In testing performed in accordance with ASTM testing standards, Pella’s Duracast fiberglass composite material has displayed superior performance in strength, ability to withstand extreme heat or cold, and resistance to dents and scratches.

<sup>2</sup> Some Pella products may not meet ENERGY STAR guidelines in Canada. For more information, contact your local Pella sales representative or go to [energystar.gc.ca](http://energystar.gc.ca).

<sup>3</sup> The U.S. Environmental Protection Agency and the Department of Energy. Savings estimates based on an even mix of one- and two-story detached homes of 1,700 or 2,600 sq. ft. respectively, with 15% of their floor space in windows that are equally distributed across compass directions. Heating and cooling systems are modeled as either natural gas heat with electric air conditioning or electric heat pump, according to the regional breakdown reported in the Energy Information Administration’s (EIA) 2005 Residential Energy Consumption Survey. Estimates use the EIA’s 2006 average natural gas prices and 2007 electricity prices. Actual savings will vary by local climatic conditions, utility rates and individual home characteristics. For additional information, go to [energystar.gov/windows](http://energystar.gov/windows).



### A MORE STYLISH LOOK

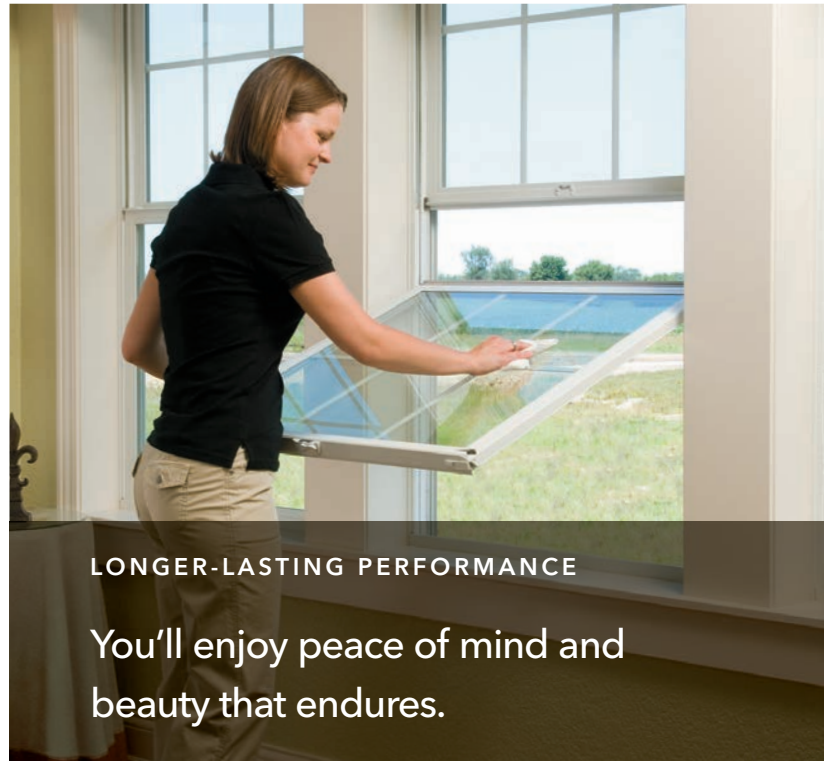
You'll love their quality appearance — they look like painted wood.

### Beautifully complements your home.

- Prefinished for you with durable, powder-coat paint finish in your choice of White, Tan or Brown.
- Optional dual-color frame – White interior with a Tan or Brown exterior – lets you complement your home inside and out.
- Pella's environmentally friendly paint process virtually eliminates VOCs, keeping the air inside your home healthier.

### Brings more of the outdoors in.

Optional InView™ high-transparency screen<sup>4</sup> improves your view and lets in 14% more light and 8% more airflow<sup>5</sup>.



### LONGER-LASTING PERFORMANCE

You'll enjoy peace of mind and beauty that endures.

**Keeps looking like new, year after year.** Pella's Duracast® fiberglass composite ensures durability other window and door materials just can't match.

**Virtually maintenance-free.** Your Pella® Impervia® windows and patio doors won't need scraping, painting or refinishing.

**Backed by one of the best warranties in the business.** The Pella Limited Lifetime Warranty is nonprorated, meaning the coverages within the defined warranty periods do not decrease over time. See warranty for complete details at [pella.com/warranty](http://pella.com/warranty).



<sup>4</sup> Warning: Use caution when children or pets are around open windows and doors. Screens are not designed to retain children or pets.

<sup>5</sup> Screen cloth airflow is based on calculated screen cloth openness. Screen cloth transmittance was measured using an integrated sphere spectrophotometer.

## THE MOST POPULAR WINDOW AND PATIO DOOR STYLES

There's a Pella® Impervia® product that's just right for you.



### Sliding Windows

**Easy operation.** Tandem nylon rollers are extra-durable and ensure smooth openings and closings.

**A tighter seal against the elements.** Pella's cam-action locks pull the sashes against the weatherstripping. Goodbye, drafts!

**Simple to clean.** Sliding sash can be removed to clean exterior glass from inside your home.



### Casement and Awning Windows

**Years of 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.

**A breeze to clean.** Easy-clean wash feature makes it simple to clean the exterior glass from inside your home.



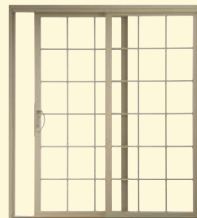
## Double- and Single-Hung Windows

**Years of smooth, effortless operation.** Our Advanced Balance System ensures your window will open and close easily for years to come.

**A tighter seal against the elements.** Pella's cam-action locks pull the sashes against the weatherstripping. Goodbye, drafts!

**Easier cleaning.** Opening sash tilts in\* – making it easy to clean the exterior glass from inside your home. (Just another popular feature invented by Pella.)

\* Available on double-hung windows only.



## Sliding Patio Doors

**Exceptional security.** Pella® Impervia® sliding patio doors, with multipoint lock hardware, have been awarded an ASTM Grade 40 security rating – the highest in the industry.

**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. Plus, the screen is protected from the elements.

**Years of smooth operation.** Roller system on sliding panel ensures easy openings and closings.



Sliding Patio Door Footbolt

Holds the door open just 3" for ventilation. Standard on Pella Impervia sliding patio doors.

# WINDOWS THAT ADD CHARM AND ARCHITECTURAL INTEREST

Pella® Impervia® products can turn your place into a showplace.



## Bay or Bow Windows

**The right fit for your home.** Choose between 30° and 45° bay windows and 4- and 5-unit casement bow windows. Standard and custom sizes and angles are available.

**Extra comfort and charm.** Options include beautiful birch and oak headboards and cozy insulated seatboards.

**Beautiful wood frames.** Bay and bow wood frames come unfinished, ready to be painted or stained.



## Fixed and Special Shape Window and Patio Door Combinations

**Curves, angles and more.** Special Shape windows, made from fiberglass resin (non-Duracast® fiberglass composite), beautifully complement other Pella Impervia products.\*

**A quality, seamless look.** Grille options are available to match other Pella Impervia products.

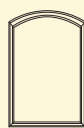
**More ways to express your style.** Factory-assembled window combinations allow you to create a stunning focal point in your home.



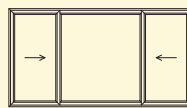
Half Circle



Quarter Circle



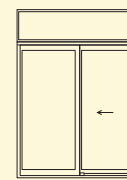
Arch Head



3-Wide Sliding Window



Picture with Double-Hung Flankers



Sliding Patio Door with Transom

More combinations and shapes are available. For the complete offering, visit [pella.com](http://pella.com).



# PELLA HAS THE RIGHT GLASS FOR YOUR HOME

Our glass is full of ways to help you increase your comfort. And reduce your energy costs.

**Energy performance.** Pella's InsulShield® glass collection offers our most innovative and energy-saving choices – and is designed to meet a variety of specific needs. Whatever your climate, we make it easy to choose the glass that's just right for you.



## INSULSHIELD GLASS COLLECTION <sup>1</sup>

<p><b>Hot and Cold Weather Extremes</b></p>	<p><b>Exceptional Solar Protection</b></p>
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### Advanced Low-E Insulating Double-Pane Glass with Argon<sup>2</sup>

Features two panes of glass, two layers of Low-E thermal protection and argon between the glass panes.

**Fade Resistance:** Blocks up to 86% of the sun's ultraviolet rays.

**Best Use:** Locations with hot and cold weather extremes.



### SunDefense™ Low-E Insulating Double-Pane Glass with Argon<sup>2</sup>

Features two panes of glass, three layers of Low-E solar protection and argon between the glass panes.

**Fade Resistance:** Blocks up to 95% of the sun's ultraviolet rays.

**Best Use:** Homes or rooms that receive a lot of sun exposure.

## ADDITIONAL ENERGY-EFFICIENT GLASS OPTIONS<sup>1</sup> FOR YOUR SPECIFIC NEEDS

<b>Cold Weather</b>	<b>NaturalSun Low-E insulating glass with argon<sup>2</sup></b> offers excellent insulation from the cold – while allowing the sun's heat to flow in.
<b>Privacy</b>	<b>Obscure insulating glass</b> is ideal for intimate spaces such as the bathroom or bedroom. The textured surface lets the sun shine in while obscuring the view.
<b>Safety</b>	<b>Tempered glass</b> is extra strong and will usually shatter into small fragments instead of sharp shards when broken – helping to prevent serious injury.

Pella® Impervia® products offer the energy-efficient options that will meet or exceed ENERGY STAR® guidelines in all 50 states.<sup>3</sup>



<sup>1</sup> All glass options can be upgraded to offer the benefits of InsulShield energy performers. Glass options may vary per product. See specific product information for availability.

<sup>2</sup> Optional high-altitude Low-E insulating glass is available with or without argon on most products. Please see your local Pella sales representative for more information.

<sup>3</sup> Some Pella products may not meet ENERGY STAR guidelines in Canada. For more information, contact your local Pella sales representative or go to [energystar.gc.ca](http://energystar.gc.ca).

# FEATURES AND OPTIONS

Pella® Impervia® windows and patio doors.

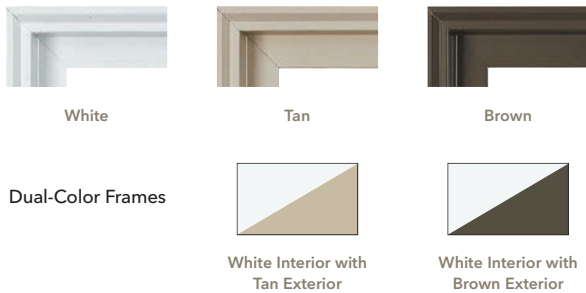
## HARDWARE FINISHES

All window and patio door hardware is available in White, Tan and Brown (standard) or Bright Brass, Satin Nickel and Oil-Rubbed Bronze (optional) finishes. Antique Brass and Chrome finishes are available on sliding patio doors only.



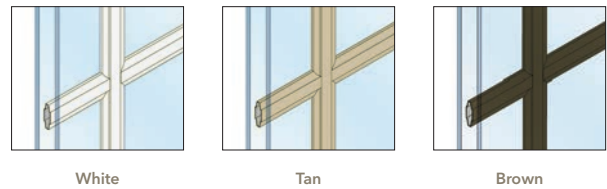
## FRAME COLORS

Pella Impervia products don't need painting. They feature a durable powder-coat paint finish.



## GRILLES-BETWEEN-THE-GLASS<sup>1</sup>

Grilles are color-matched to your window or patio door interior and exterior frame color.



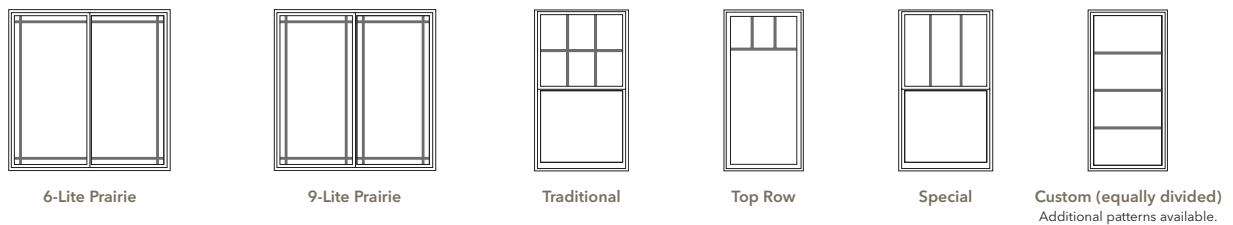
## SCREENS<sup>2</sup>

Pella's high-transparency screen option brings more of the outdoors in. Along with a standard conventional fiberglass screen, Pella Impervia products are available with an InView™ screen that improves your view and lets in 14% more light and 8% more airflow.<sup>3</sup>



## GRILLE PATTERNS<sup>4</sup>

Pella offers an attractive variety of grilles-between-the-glass patterns for the look of divided light. Custom patterns are also available.



<sup>1</sup> Appearance of exterior grille color may vary depending on the Low-E insulating glass selection.

<sup>2</sup> Warning: Use caution when children or pets are around open windows and doors. Screens are not designed to retain children or pets.

<sup>3</sup> Screen cloth airflow is based on calculated screen cloth openness. Screen cloth transmittance was measured using an integrated sphere spectrophotometer.

<sup>4</sup> Grille patterns offered may vary per product. See specific product information for availability.


NOTE: Because of printing limitations, actual colors may vary from those shown.

Because we're always working to further refine our products and develop new ones, specifications may change without notice.

## Pella® Impervia® Fiberglass Window and Patio Door Features and Options

Windows

Sliding Patio Doors

		Windows	Sliding Patio Doors
GLASS InsulShield® Energy Performers <sup>1</sup>	Advanced Low-E insulating double-pane glass with argon <sup>2</sup>	O	O
	SunDefense™ Low-E insulating double-pane glass with argon <sup>2</sup>	O	O
GLASS Additional Energy-Efficient Options <sup>1</sup>	Clear insulating glass	S	S
	NaturalSun Low-E insulating glass with argon <sup>2</sup>	O	O
	Obscure glass	O	O
	Tempered glass	O	S
	<sup>1</sup> See page 9 for details. <sup>2</sup> Optional high-altitude Low-E insulating glass available with or without argon.		
FRAME COLORS Exterior/Interior	White	S	S
	Tan	O	O
	Brown	O	O
	Dual-color (White interior with a Brown or Tan exterior)	O	O
HARDWARE FINISHES	White (on White products)	S	S
	Tan (on Tan products)	S	S
	Brown (on Brown products)	S	S
	Bright Brass, Satin Nickel or Oil-Rubbed Bronze	O	O
	Antique Brass or Chrome	-	O
FOOTBOLT	Holds door open about 3" for ventilation	-	S
EASY-CLEAN	Exterior glass is easy to clean from inside	S	-
GRILLES-BETWEEN-THE-GLASS*	White (on White products)	O	O
	Tan (on Tan products)	O	O
	Brown (on Brown products)	O	O
	* Appearance of exterior grille color may vary depending on the Low-E insulating glass selection.		
GRILLE PATTERNS*	6-Lite Prairie	O	O
	9-Lite Prairie	O	O
	Traditional	O	O
	Top Row	O	O
	Special	O	O
	Custom (equally divided)	O	O
	* Grille patterns offered may vary per product. See specific product information for availability.		
SCREENS*	Flat screen	S	S
	InView™ screen	O	O
	* Warning: Use caution when children or pets are around open windows and doors. Screens are not designed to retain children or pets.		
WARRANTY	Transferable Limited Lifetime Warranty* 	S	S
	* See warranty for complete details at <a href="http://pella.com/warranty">pella.com/warranty</a> .		

(S) Standard (O) Optional (-) Not Available





A commitment to care for our world.

When we're making our energy-efficient windows and doors – and even when we're not – Pella is protecting our environment in communities across the country through forest stewardship, pollution prevention, waste management and other important green initiatives. Not only because it's good for business. But because it's the right thing to do. And, frankly, it's just part of the way we've always done things at Pella. When you choose Pella® windows and doors, you're making an environmentally responsible purchase you can feel good about.

Want to learn more about Pella windows and doors? Call us at **866-209-4260** or visit [pella.com](http://pella.com).



Always read the Pella warranties before purchasing or installing Pella products. See warranties for complete details at [pella.com/warranty](http://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