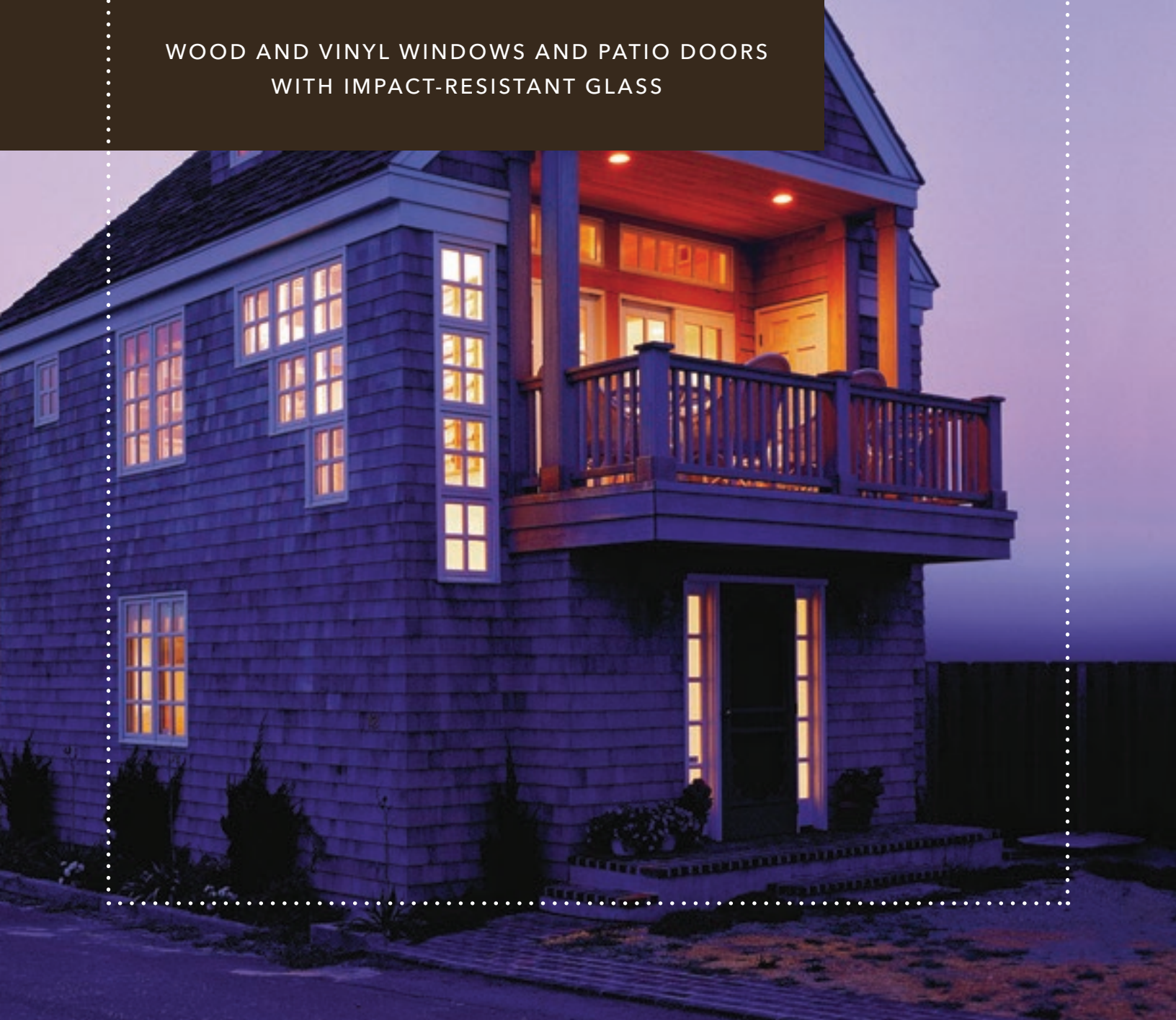




# PELLA<sup>®</sup>

## HurricaneShield<sup>®</sup>

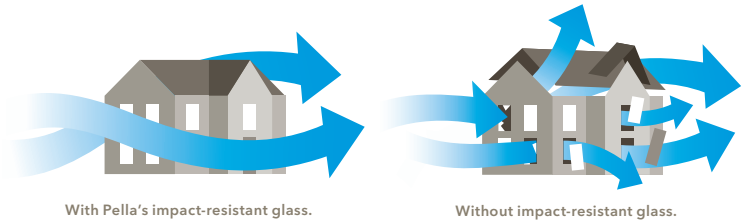
WOOD AND VINYL WINDOWS AND PATIO DOORS  
WITH IMPACT-RESISTANT GLASS



# Superior protection.

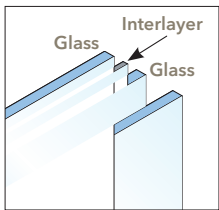
## HurricaneShield®

Pella's impact-resistant glass is designed to help maintain your home's structural integrity. When strong winds enter a home through broken windows, the increased pressure can lift off the roof and push out the structure.



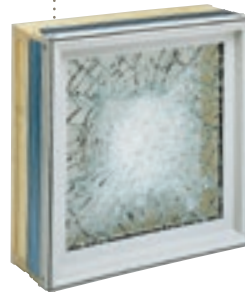
With Pella's impact-resistant glass.

Without impact-resistant glass.



### Outstanding impact resistance.

The glass used in Pella® HurricaneShield® windows and patio doors has an exceptionally strong polymer interlayer between two sheets of glass. The interlayer holds the pane together if it shatters, helping to prevent damage and injury caused by wind, water and debris.



### Improved safety and security.

Pella's impact-resistant glass<sup>1</sup> helps prevent forced entry – the interlayer cannot be easily penetrated, even if the glass is shattered.



### Beauty with purpose.

Pella HurricaneShield windows and patio doors offer the energy-efficient options that will meet or exceed ENERGY STAR® certification in all 50 states<sup>2</sup> – meaning more comfort for your home and wallet.

### Dramatic noise reduction.

Laminated glass helps reduce outside noise like traffic and lawn mowers, so you'll enjoy more peace and quiet.

### Superior fade protection.

Pella's impact-resistant Low-E insulating glass blocks out nearly 100% of harmful UV rays – to help protect your furniture, carpet and window treatments from fading.

### Valuable financial benefits.

These windows and doors may add equity to your home and could reduce insurance premiums.<sup>3</sup>

Backed by some of the best warranties in the business,<sup>4</sup> Pella HurricaneShield windows and patio doors are built, sold and serviced by Pella – and homeowners have counted on Pella products for more than 90 years.



<sup>1</sup> Pella's impact-resistant glass in HurricaneShield products is made up of a sheet of standard or tempered glass combined with a sheet of laminated glass. For best performance, the laminated glass may be in the interior or exterior pane of insulating glass, depending on the product.

<sup>2</sup> 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](http://nrcan.gc.ca/energy/products/categories/fenestration/13739).

<sup>3</sup> Consult your insurance company for more information and/or discount availability.

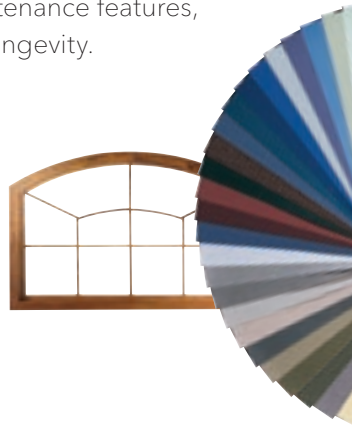
<sup>4</sup> See written limited warranties for details, including exceptions and limitations, at [pella.com/warranty](http://pella.com/warranty), or contact Pella Customer Service at 877-473-5527.

# Beauty of wood.

Choose Pella® wood products not only for their beauty, but also for their low-maintenance features, energy efficiency and enhanced longevity.

From standard to custom and everything in between.

Create an authentic look or add character to your home with endless possibilities. Design one-of-a-kind shapes, special sizes, grille patterns and more.



27 standard exterior colors plus virtually unlimited custom colors. Cladding shown in Portobello.

Interior stain shown in Early American.



Pella's HurricaneShield® single-hung window

Competitor's unsightly brace clips.

No need for unsightly brace clips. Unlike some competitors' windows, Pella's HurricaneShield® double-hung and single-hung windows provide protection from hazard storms without the need to engage brace clips.

EnduraClad® low-maintenance exterior finish helps keep the outside of your windows and patio doors protected from the elements. And it's fade-resistant so your exterior will look great for years.



✓ Pella aluminum-clad exterior.



✗ Old painted wood exterior.

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 Pella wood products look and perform beautifully for years.



✓ Pella EnduraGuard casement window after 7 months of exposure to moisture.<sup>2</sup>



✗ Stain mold present after 7 months of field-testing a competitor's pressure-treated wood.<sup>2</sup>

## PERFORMANCE

PRODUCT TYPE	CASEMENT WINDOW	AWNING WINDOW	DOUBLE-HUNG/ SINGLE-HUNG WINDOW	FIXED FRAME WINDOW	IN-SWING HINGED PATIO DOOR	OUT-SWING HINGED PATIO DOOR	SLIDING PATIO DOOR
WIND LOAD DESIGN PRESSURE (DP) <sup>3</sup>	Up to DP +75/-85	Up to DP +75/-85	Up to DP +55/-60	Up to DP +75/-75	Up to DP +55/-70	Up to DP +70/-85	Up to DP +70/-70
PERFORMANCE GRADE (PG) <sup>3</sup>	Class CW-PG75	Class CW-PG75	Class CW-PG50	Class CW-PG75	Class LC-PG55	Class LC-PG70	Class R-PG70
LARGE MISSILE RATING	D	D	D	D	D	D	D
WIND ZONE	4	4	3	4	3	4	4

<sup>1</sup> HurricaneShield impact-resistant glass not available for Architect Series contemporary products.

<sup>2</sup> For testing purposes, the seal between the bottom rail and the glass was compromised in both casement units tested.

<sup>3</sup> Performance ratings may vary by product type and size. For more information on performance ratings, see [pella.com/performance](http://pella.com/performance).

# Easy-care vinyl.

Fewer worries.  
Pella® 350 Series window  
and patio door frames are

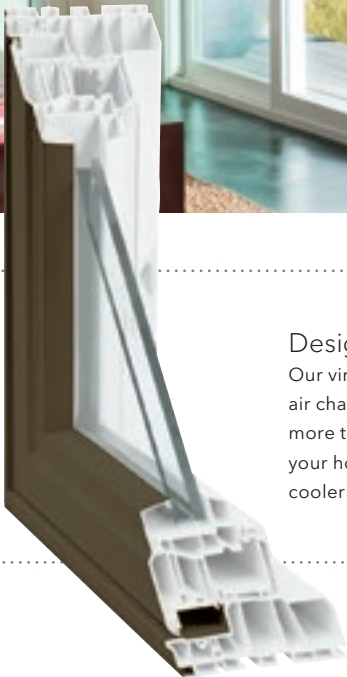
**83%** stronger than  
ordinary vinyl.<sup>1</sup>

### Superior coastal performance.

Pella 350 Series vinyl windows and patio doors are some of the most durable and wind-resistant products on the market. Performance Grade (PG) 50 - 80 is available.<sup>2</sup>



More premium-style features. Choose Simulated-Divided-Light grilles for the realistic look of individual windowpanes or the convenience of grilles-between-the-glass that never need cleaning.



Designed for more comfort. Our vinyl frame has up to 18 insulating air chambers inside – significantly more than ordinary vinyl has – to keep your home warmer in cold weather and cooler when it's hot outside.



Pella's SmoothSeam®  
Welded Corner



A Typical Competitor's  
Visible Welded Corner

Pella's exclusive SmoothSeam<sup>3</sup> interior welded corners (A) are virtually invisible, yet strong and durable. A typical competitor's corner welds (B) are visible. Robust frame profile features a beveled edge (C) like wood windows and patio doors.

## PERFORMANCE

PRODUCT TYPE	CASEMENT/AWNING WINDOW	SINGLE-HUNG WINDOW	FIXED FRAME WINDOW	SLIDING PATIO DOOR
WIND LOAD DESIGN PRESSURE (DP) <sup>3</sup>	Up to DP +70/-75	Up to DP +80/-85	Up to DP +60/-65	Up to DP +65/-75
PERFORMANCE GRADE (PG) <sup>3</sup>	Class CW-PG70	Up to Class LC-PG80	Class CW-PG60	Up to Class LC-PG65
LARGE MISSILE RATING	D	D	D	D
WIND ZONE	4	4	4	4

<sup>1</sup> Based on the force required to bend the window frame profile.

<sup>2</sup> Available on the flush interior corner surfaces of Pella 350 Series products.

<sup>3</sup> Performance ratings may vary by product type and size. For more information on performance ratings, see [pella.com/performance](http://pella.com/performance).