

Whether it's your main castle, a seasonal getaway, or a place for a quick escape, your coastal area home should be fitted with window products designed to provide comfort and security from Mother Nature's occasional challenges. The real issue is creating this level of relaxation without having to sacrifice **a look that is uniquely you.**

Having your cake and eating it too is second nature to Coastal Performance Impact Windows by Paragon®, a Sunrise Company. As with all of our brands, Coastal Performance products are designed to be the best looking and best performing products of their kind. One look at the sleek lines of our single and double hung windows, the expansive viewing areas of our sliding, casement, and picture window products, and the elegant look of our specialty shaped windows and you'll be convinced that the Coastal Performance Impact Window line is the right choice.

Meeting or exceeding all stringent standards for impact, air and water infiltration ,and changing air pressures, you can rest assured that Coastal Performance window products will protect you and your family from the harshest of elements.

All of this crafted by people who believe that the only way to build windows is as if they were going into their own homes.

Coastal Performance Impact Window Systems. Peace of mind and unsurpassed styling.



Window Styles Interior Finishes Hardware Options Exterior Colors



Industry Ratings & Efficiency Glass Package Options Low SHGC Low-E Glass



Lifetime Non-Prorated Transferable
Coastal Performance Warranty











Coastal Performance Makes It Necessary

The Better Way to an Elegant and Strong Impact Window System

Coastal Performance windows must be built to meet specific safety codes for areas in which they are offered. Most companies that manufacture impact products make you choose between the performance or the beauty options for your home. Our windows allow you to **pick the style, colors and options that make your home unique**, without sacrificing best-in-class energy and wind zone code performance. Our pre-vetted home improvement professionals offer **free, no-obligation in-home consultations** to provide you with professional advice in selecting a window style, finish, hardware, and an accurate measurement for exact fit.

Choose Your Window Style...

Whether it's the double hung, the expansive views of sliding windows, the elegance of casement, or the distinctive design of specialty shaped windows, designing your unique project starts here.

Choose Your Options

A wide number of color combinations and other options insures that your coastal area home displays your distinctive taste and style.

Understand the Requirements for Where You Live...

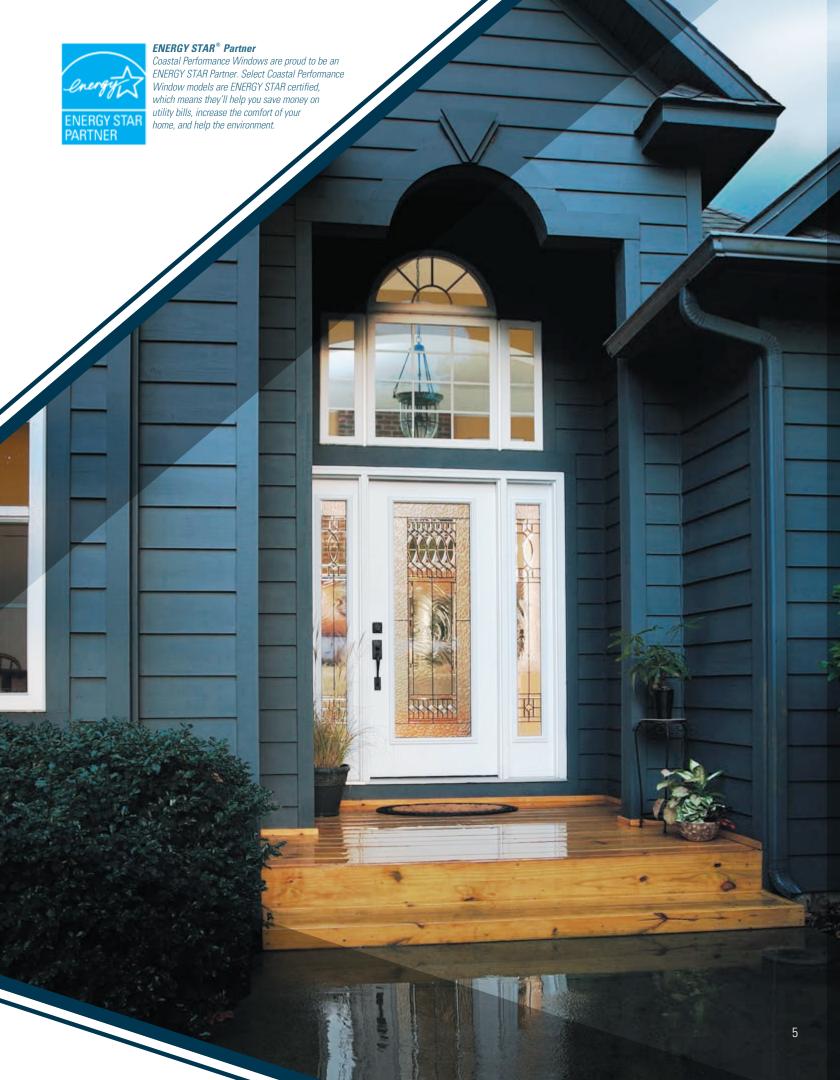
Different areas carry different building code requirements. Don't be fooled by competitor's one-size-fits-all options.

Look at Novel Combinations...

Merge unconventional window configurations to make your home stand out from the crowd.

Schedule Your Professional Installation...

Trained installers will remove your old window and have your new Coastal Performance impact window installed quickly, with a perfect fit.



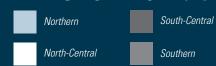


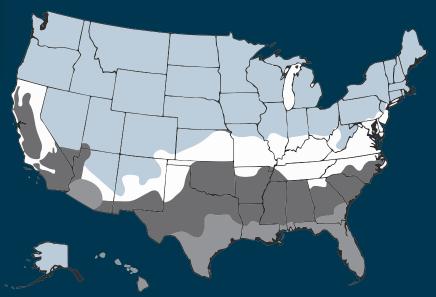
Windows protect you and your home from the elements just like a winter coat, but, just like a coat, you should pick a window that makes the most sense for your specific climate. Using the ENERGY STAR climate zone map, you can determine which zone, and in turn, which products, will provide maximum comfort for your climate.

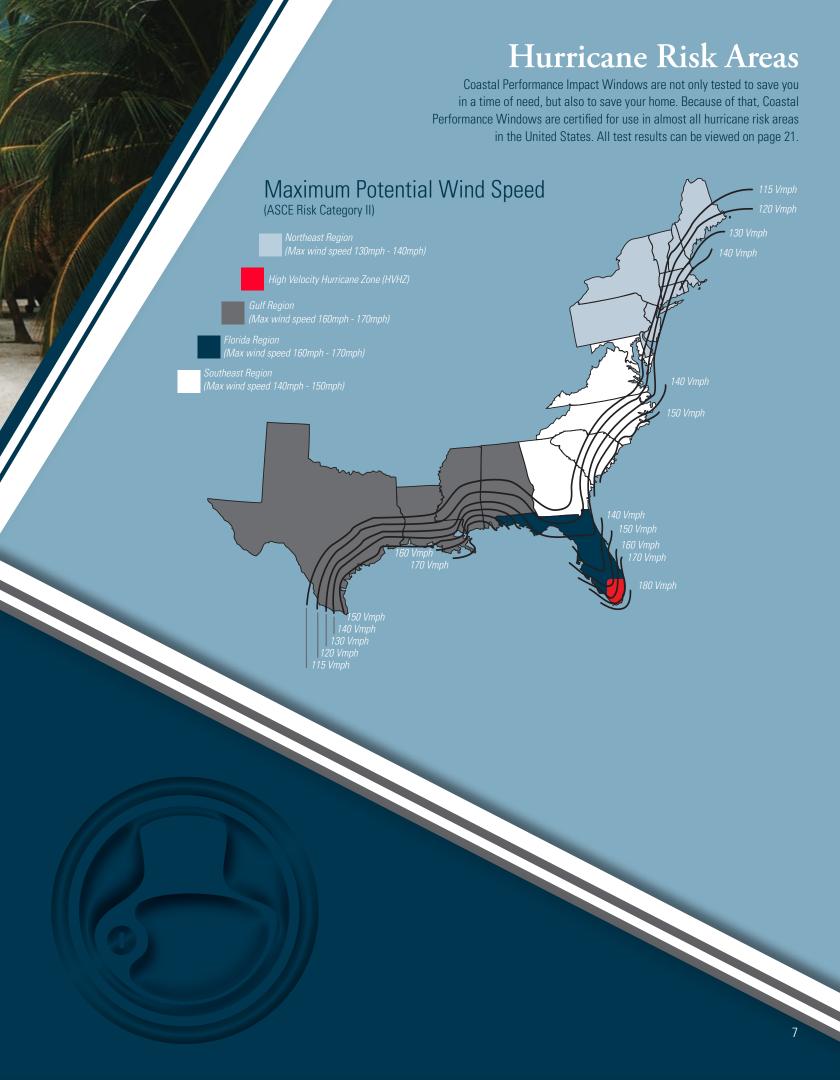
Climate Zone	U-Factor ¹	SHGC ²	
Northern	≤ 0.27	Any	Prescriptive
	= 0.28	≥ 0.32	
	= 0.29	≥ 0.37	Equivalent Energy Performance
	= 0.30	≥ 0.42	renomance
North-Central	≤ 0.30	≤ 0.40	
South-Central	≤ 0.30	≤ 0.25	
Southern	≤ 0.40	≤ 0.25	

A complete list of ENERGY STAR Climate Zones by state and county or, where applicable, zip code is available at https://www.energystar.gov/index.cmf?fureaction=windows_windows.search_climate

ENERGY STAR Climate Zones







Impact Testing

Coastal Performance Impact Window Collection is the Latest in Improved Efficiency, Security, and Aesthetics

But when it comes to Coastal Performance impact-resistant windows, it's all about the testing...



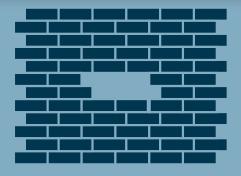
Coastal Performance Impact Windows are Subjected to:

- Missile Level D impact Testing A nine pound 2x4 shot out of a cannon at 50 feet per second to see if the outside tempered pane will break, but the inside laminated pane will stay intact.
- Wind cycle testing Next, to simulate hurricane force windows approaching your home and the negative pressure of the wind on the back side of your home, our windows are subjected to wind speeds of up to 140 mph, with gusts up to 172 mph. The window must survive this torturous pushing and pulling of the wind for at least two and a half hours or they fail.

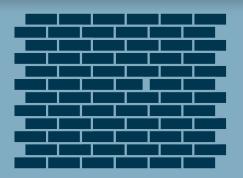


The Dirty Little Secret

One thing most manufacturers don't talk about is air leakage. Not only does the air leakage rating affect the performance of the window in a severe weather scenario, it also has major impact on your comfort and energy costs year-round. Coastal Performance impact windows offer up to 30 times the protection compared to the industry requirement for maximum comfort and energy savings.



Industry Standard 0.30 cmf/sq.ft. = 4.05 Bricks



Coastal Performance Casement

0.01 cmf/sq.ft. = 0.135 Bricks

Coastal Performance Impact Windows Demand Stringent Glass Construction Standards

Fabricating High Quality Laminated Glass Starts the Process

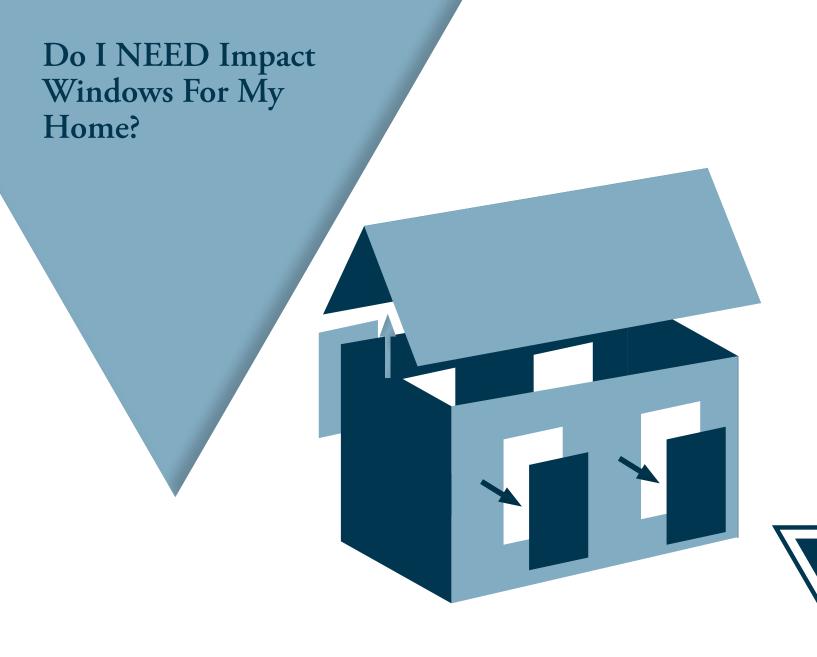
- Begins with a strong, flexible interlayer of .090" polyvinyl butyral (PVB)
- PVB layer is sandwiched between two panes of annealed glass

Final Steps to Insure Thermal Efficiency and Long-Term Performance of Entire Glass Systems...

- SB-70® silver-based low-e coating applied to non-laminated pane
- Stainless steel spacer system
- Exclusive silicone glazing process to adhere the laminated unit to the sash/frame







Impact Rated Windows Can Appear to be Very Expensive at First Glance but Here are Some Benefits and Protections to Consider...

- Increased comfort and energy cost savings through climate specific low-e glass packages
- The superior noise reduction qualities that come with laminated glass
- Potential discounts available from insurance companies that reward their customers for installing these types of windows.

Then there are the potential catastrophic damages resulting from *not* having these products in your home.

If your unprotected windows are penetrated by flying debris, it will run the risk of allowing wind and water into your home.

Once your window is broken, your home's interior is subjected to violent changes in air pressure that can literally blow the roof off and knock down walls, leaving life and possessions in incredible peril.

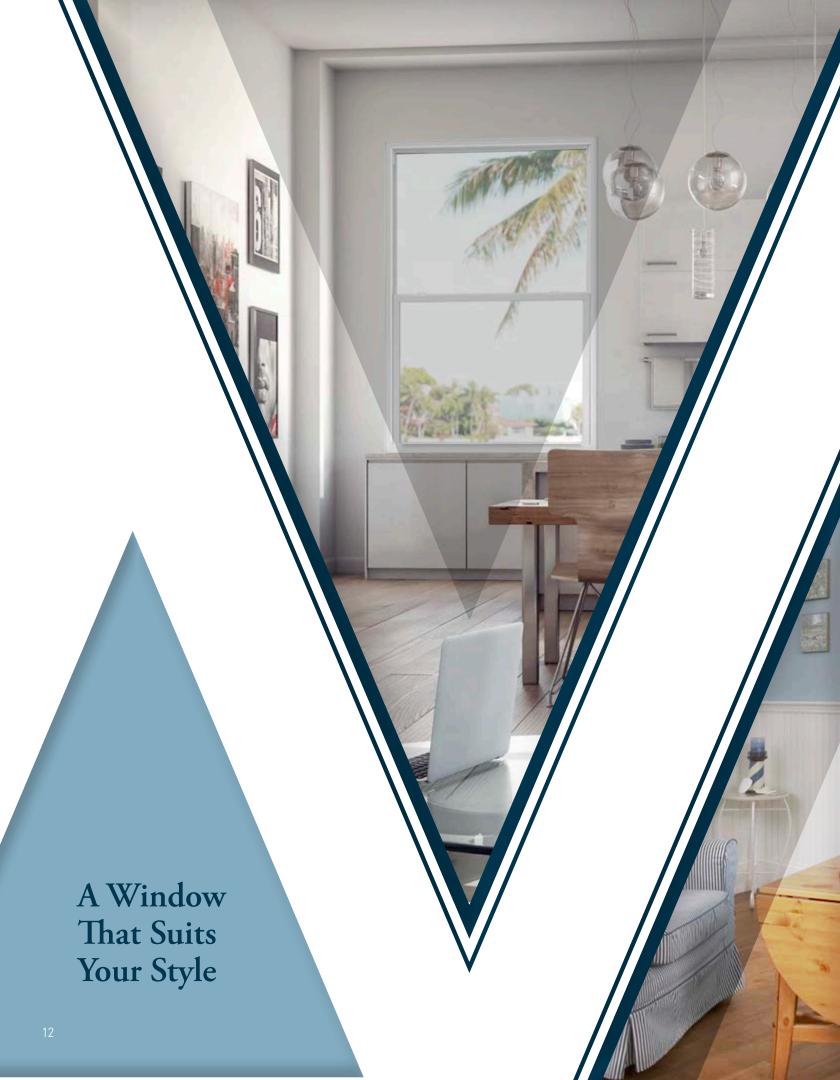
Coastal Performance Impact Window Systems are a Great Investment in Your Home and Family's Comfort and Protection.



Standard Features

- **1.** Composite Reinforcements inside **strengthen meeting rails** and sashes for greater security.
- **2.** Sill Riser to **prevent water infiltration**, even in high winds.
- 3. True Sloped Sill without weep holes keeps water outside.
- **4.** Impact-Resistant Tilt Latches to **keep window properly latched and secured** in extreme conditions.
- **5.** 0.090" Laminated Glass for **superior strength**, **security**, **and impact resistance**.
- 6. Polyurethane insulation for maximum energy efficiency.
- 7. Non-corrosive stainless steel hardware and balances.
- Constant-Force Balance inside for **smooth and easy** operation.
- Silicone Glazing to **keep wind and water out** at all times.









Expand Your View and Your Natural Light











Casement

Coastal Performance impact casement windows allow for spacious views, maximum airflow and the highest levels of energy and impact performance.

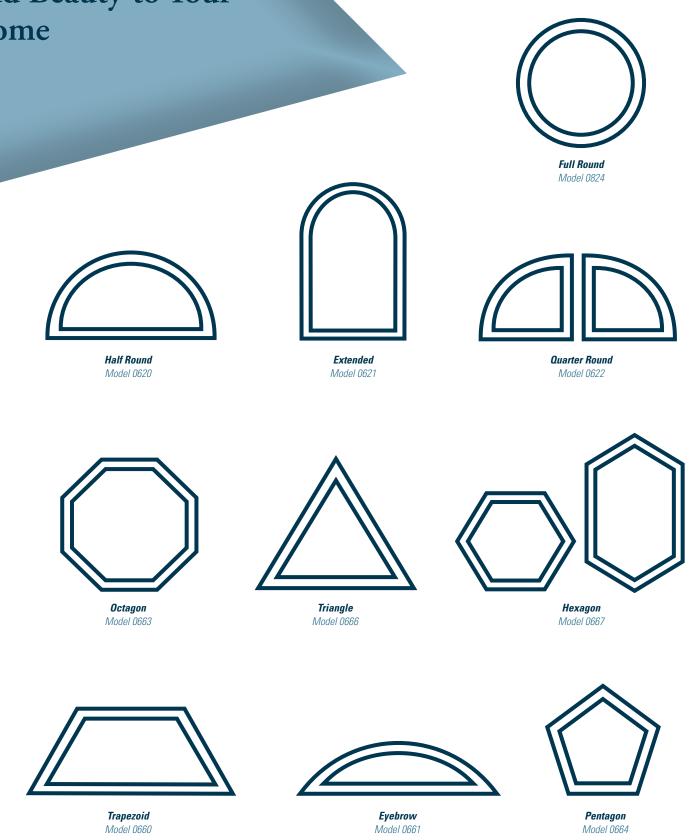
- Full composite **reinforced sashes** for maximum strength and security
- **Polyurethane foam filled frame** for insulating values equal to or better than the wall that they are in
- Multi-point, single handle locking system for added strength and security



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Diverse Choices to Add Beauty to Your Home

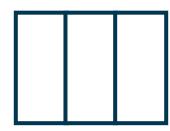


Configuration Options

Coastal Performance Impact windows allow for many configuration choices that provides structural integrity, while maximizing viewing area



3 Unit Side by Side Define Middle Dimensions



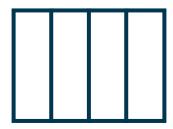
3 Unit Side by Side 1/3 1/3 1/3 Equal Split



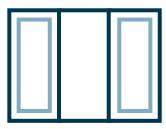
2 Unit Side by Side 50/50 Equal Split



3 Unit Side by Side 1/4 1/2 1/4 Split



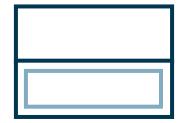
4 Unit Side by Side 1/4 1/4 1/4 1/4 Equal Split



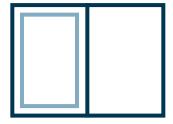
3 Unit Side by Side Define End Units Dimensions



5 Unit Side by Side 1/5 1/5 1/5 1/5 1/5 Equal Split

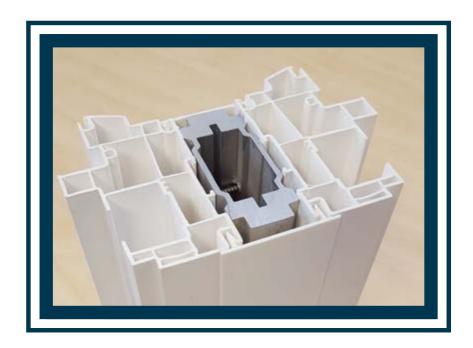


2 Unit 1 Over 1Define Bottom Unit Dimensions

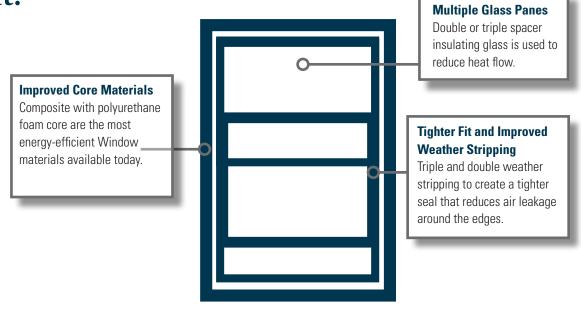


2 Unite Side by Side Define Left Unit Dimensions

When mulling our units, we use an aluminum reinforcement, which is required by building codes for strengthening purposes. This allows the windows to be properly secured to each other and the structure of the home.



What Makes a Window Energy Efficient?



Our Energy Efficiency Ratings











	NFRC Certified Thermal Performance Values														
Glass Package	Double Hung			Standard Picture		Casement		Single Hung (OX)			Single Section Lift-Out Slider (OX)				
	U-Factor	SHGC	VT	U-Factor	SHGC	VT	U-Factor	SHGC	VT	U-Factor	SHGC	VT	U-Factor	SHGC	VT
NFRC CPD No.	PGD-M-22-00301		PGD-M-21-00207		PGD-M-37-00081		PGD-M-34-00016			PGD-M-34-00016					
SB70 Energy Glass (Low-E Argon fill)	0.27	0.21	0.48	0.24	0.22	0.51	0.27	0.18	0.41	0.26	0.21	0.49	0.27	0.21	0.49

Tested and certified to National Fenestration Ratings Council (NFRC) standards. Product testing data can be viewed by going to the NFRC website: www.nfrc.org

	Structural Performance Certified Values										
Window Type	Tested Window Size	Performance Grade	Design Pressure (psf)	Structural Test Pressure (psf)	Water Resistance (psf)	Air Infiltra- tion (cfm/sq.ft.)	Forced Entry Resistance	FPA Listing #	TDI Submittal #'s		
Single Hung	54" x 77"	PG50	DP50	75	7.5	0.04	20	FL26906	7353		
Twin Double Hung*	40" x 63"	PG50	DP50	75	7.5	0.07	10	FL26910	7356		
Twin Double Hung*	44" x 75"	PG45	DP50	75	7.5	0.07	10	FL26910	7356		
Single-Section (OX) Lift-Out Slider	72" x 65"	PG55	DP55	82.5	8.4	0.07	20	FL26909	7354		
Standard Picture	56" x 72"	PG50	DP50	75	12.1	0.01	20	FL26908	7250		
Casement	36" x 72"	PG50	DP50	75	9.2	0.01	20	FL26907	7352		

Options to Improve Style and Performance

Depending on how your home is constructed, Coastal Performance windows can provide installation accessories specially designed for those materials.



Brickmould 1 7/8 "



Nail Fin 5/8"



Stucco Flange 1"



Stucco Flange 2"

*Not all accessories are available with every window type. See price book for availability of these specialized exterior options.

Single Hung & Doubl





White



Tan

Hardware Double Hung

Double Hung Windows



White



Tan

Casement Windows



Grids



Flat Bar



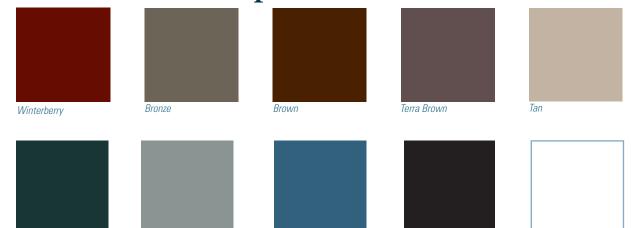
Contour

Beautiful Options to Match Your Home's Style

Coastal Performance Impact window options are designed to provide choices for better installation and distinctive design.



Exterior Color Options



Wedgewood

Black

White

Tuxedo Grey

Forest Green

Interior Color Options



^{*} All exterior colors are painted with the exception of White and Tan

Tough & Versatile Impact-Rated Windows





Coastal Performance Windows are specifically designed to give you the protection you need and the **beauty and ease** of use you deserve. They have been specifically engineered to protect your home and loved ones from violent weather year round. Coastal Performance Windows are **impact-rated for most areas that require impact protection.** These windows undergo rigorous testing and easily pass:

- ASTM 1886/1996 Large Missile Impact Tests
- ASTM E330 Wind Load Tests
- ASTM E331 Water Penetration Tests



Coastal Means More Than Florida

Impact Windows are Used in Areas Outside of Florida that are Affected by Hurricanes Ever Year....

Most people associate the need for impact windows with Florida, but hurricanes have hit all along the U.S. coast from Texas to Maine. Coastal Performance windows are tested and available in all of these susceptible markets.



