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Live the life you want *where* you want — a custom detailed home that offers you and your family beauty and peace of mind for years to come. That's the freedom PGT® gives you.

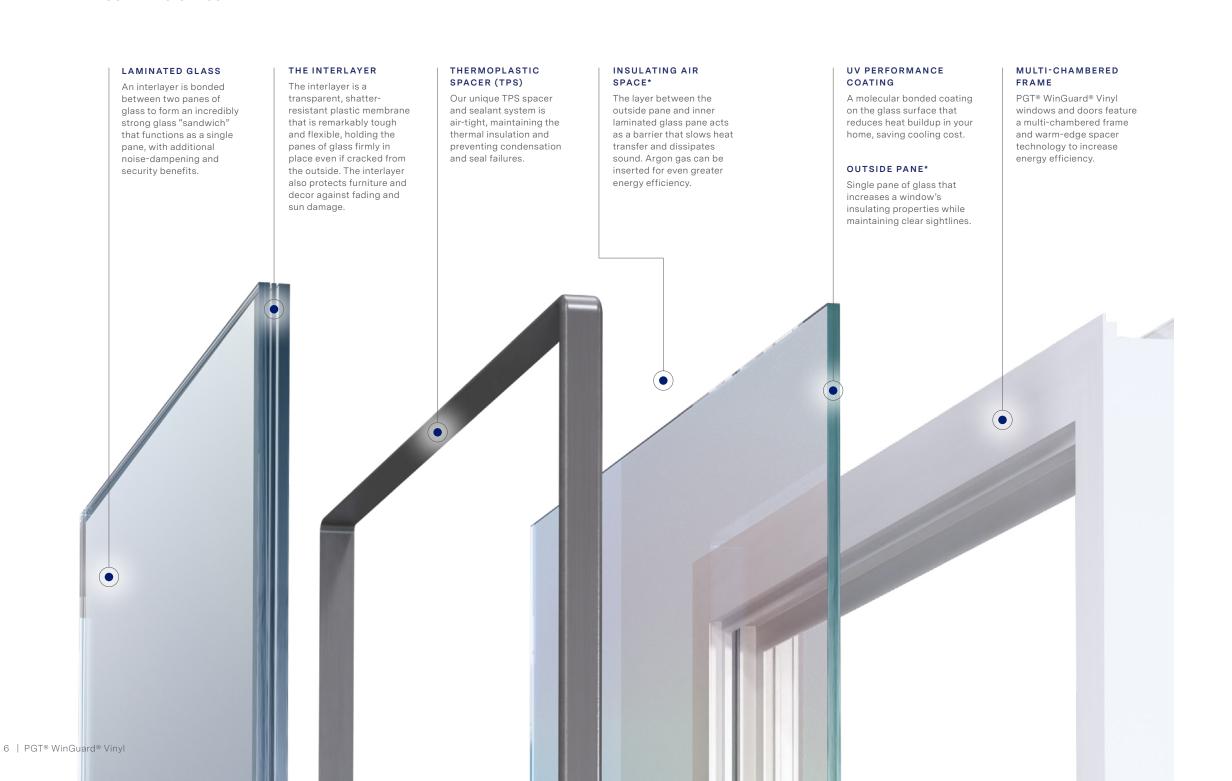
From the day they're installed and for every moment you own your home, our impact products stand up to outside elements and give you confidence in your environment, your lifestyle, and your investment.



# Innovation for a lifetime

PGT® has led the impact industry for more than 40 years by improving safety standards, pushing innovation, and delivering superior performance.

#### LAMINATED INSULATING GLASS



With more than 7 million units installed, we're America's authority on laminated glass. Discover more:

#### **Zero Failures**

Over 7 million units installed with zero reported impact failures - an unmatched record for our industry.

#### **Best Performing Laminated Insulating Glass**

Zero reported seal failures for 5+ years, compared to industry average of 2% yearly failure rate.

#### **Significant Sound Reduction**

Significantly reduces exterior sounds in your home with an STC rating of 30-35 depending on the product. Industry standard is STC 26 for single hung windows.

#### **ENERGY STAR® Options**

Laminated insulating glass offers advanced energy-saving performance. WinGuard® Vinyl has many options to maximize energy efficiency and achieve ENERGY STAR® ratings.

#### **Hours of Testing**

PGT® WinGuard® Vinyl products endure hundreds of hours of testing to meet or exceed Miami-Dade Building Code requirements.

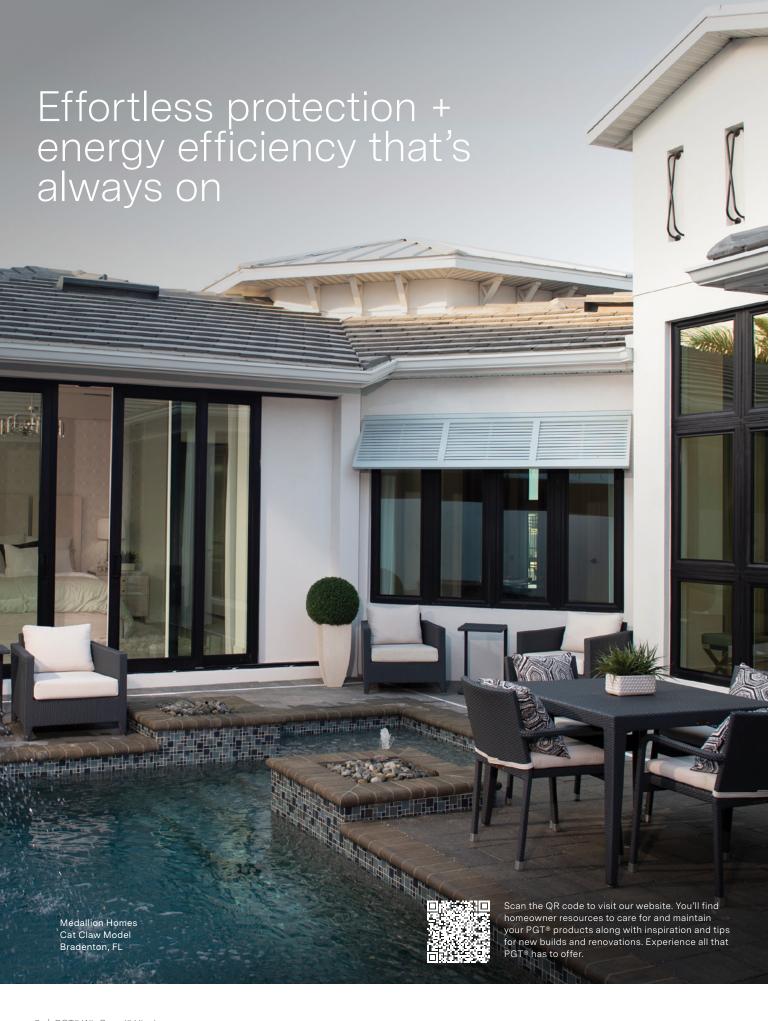
#### **Leader in NOA Certifications**

PGT® is a leader in the impact category with 44 Miami-Dade Notices of Acceptance.

#### **Additional Accreditations:**

National Fenestration Rating Council Sound Transmission Class (STC) Miami-Dade Notice of Acceptance (NOA) Florida HVHZ Product Approval Texas Department of Insurance OITC (Outdoor-Indoor Transmission Class) AAMA Tested/Keystone Certified International Building Code **ENERGY STAR®** 

\*Included with laminated insulating glass packages for highest energy performance.



Ready to say goodbye to shutters? Installing PGT® impact products is an investment in your home and lifestyle with everyday and long-term rewards. WinGuard® is engineered for performance.

#### Convenience

PGT® provides effortless impact protection from the moment of installation. Shutters require your presence for timely setup before every weather event.

#### **Effectiveness**

A durable interlayer keeps impact glass within the frame even if struck, shielding your home from flying debris.

#### Value

80-86%

While the initial investment for impact windows is higher than shutters, the ROI for impact windows ranges from 80% to 86%. Shutters max out at around 40%1.

#### Comfort

PGT® products allow for natural light while significantly quieting outdoor noise during a storm. Shutters darken your home and offer minimal sound protection.

#### Service

We're committed to delivering the best service in our industry, making the process from purchase to ownership simple and stress-free.

#### Freedom

You get the everyday superior performance of PGT®. — less noise, more security, and lower energy costs — no matter the weather. Shutters are manually removed after every storm.

#### **IMPACT WINDOWS VS. SHUTTERS AND PANELS**

PRODUCT	NO EFFORT REQUIRED	NO STORAGE REQUIRED	NO CHANGE IN HOME APPEARANCE	24/7 SECURITY PROTECTION	24/7 UV PROTECTION	24/7 NOISE REDUCTION	COST EFFICIENT
PGT® WinGuard® Impact Resistant Windows & Doors	$\bigcirc$	$\bigcirc$	$\odot$	$\odot$	$\odot$	$\bigcirc$	$\bigcirc$
Electric Roll-Down Shutters	×	$\bigcirc$	×	×	×	×	×
Manual Roll-Down Shutters	×	$\bigcirc$	×	×	×	×	×
Accordion Shutters	×	$\bigcirc$	×	×	×	×	×
Lexan Panel Shutters	×	×	×	×	×	×	×
Plywood	×	×	×	×	×	×	×
Fabric Storm Panels	×	×	$\bigcirc$	×	×	×	×

<sup>1.</sup> Source: 2022 Cost vs Value Report, Remodeling Magazine, \* Cost efficiencies are gained over the lifetime of a product.

Custom Windows and Doors | 9 8 | PGT® WinGuard® Vinyl

# Elevated style. Designed for customization.

PGT® WinGuard® Vinyl products are engineered for the highest quality and designed to fit any style of home with the most customized glass and frame options available.

We're so sure of their performance, we back our windows and doors with one of the industry's best warranties.



On the frame and insulating glass unit



Many PGT® WinGuard® Vinyl products meet ENERGY STAR® ratings. Talk to your local dealer for more information.

Overall, it's been a good investment. I feel confident in my choices of windows and doors, both for the looks and value of my home.

- James P., Tampa, FL

#### PGT® WINGUARD® VINYL DOORS



#### **Sliding Glass Door**

This smooth operating door will add extra security to your home and let natural light into your living room or master bedroom.

Pages 18-19



#### French Door

Pairing elegance and high functionality, this single or double French door can be equipped with European-style hardware and is available with matching sidelites.

Pages 20-21

#### PGT® WINGUARD® VINYL WINDOWS



#### Single Hung Window

Raised from the bottom with a fixed top half, our single hung window offers ventilation and effortless protection in a traditional style that can be used throughout the home.

Page 24



#### **Double Hung Window**

Removable top and bottom sashes maximize ventilation in your home and make exterior cleaning easier than ever. An ideal match for lanais, patios, and sunrooms.

Page 25



#### **Casement Window**

#### **Fixed Lite Casement Picture Window**

The foldaway handles of these windows prevent interference with your curtains. Pair them beautifully with matching Awning and Fixed Lite Picture windows.

Pages 26-27



#### **Horizontal Roller Window**

Blending modern style and top-notch protection, this easily operated window is perfect for kitchens, bathrooms, and more.

Page 28



#### **Awning Window**

Designed for use in high spaces, this beautiful-yetfunctional window is designed to block rain from entering, while providing outstanding ventilation and light.

Page 29



#### **Fixed Lite Picture Window**

A non-operable window that enhances the look of living rooms, kitchens, and master bedrooms with maximum, unobstructed sightlines.

Pages 30-31



### **Fixed Lite**

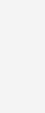
home's beauty and aesthetics.

Pages 32-33

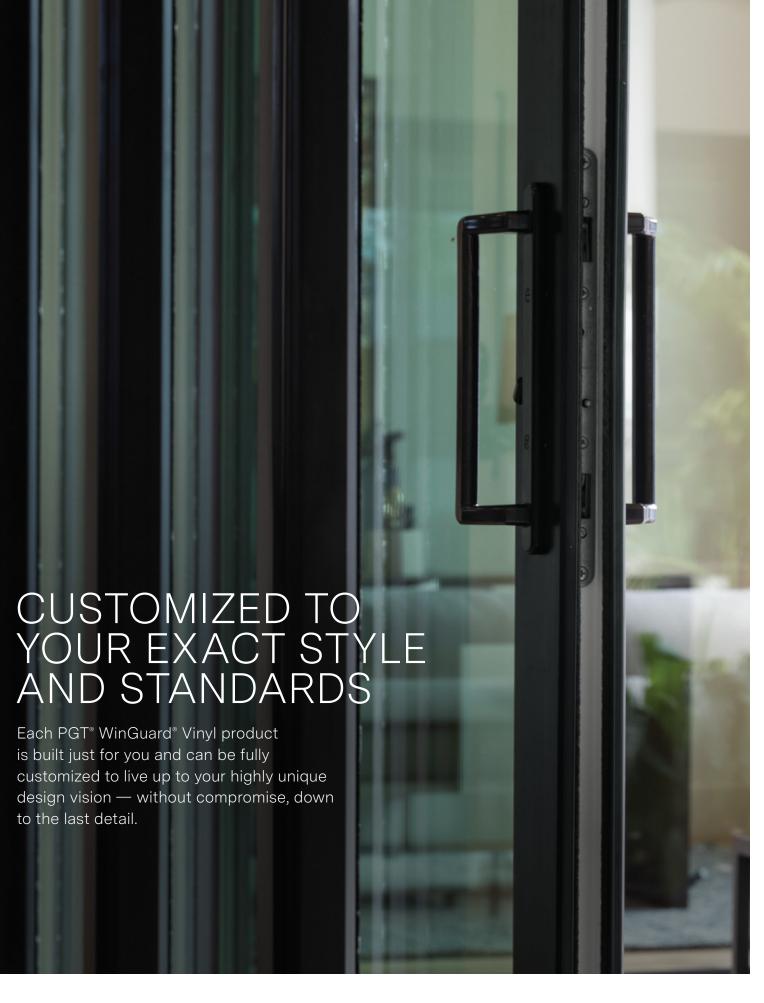


### **Architectural Window**

Our wide selection of unique shapes and styles will help allow natural light, improve security, and enhance your



Custom Windows and Doors | 11 10 | PGT® WinGuard® Vinyl



#### FRAME COLORS

Powder-coated frames resist chipping, corrosion, and fading. Custom frame colors are also available. Multi-chambered frame provides outstanding energy savings.

Black

Bronze

Beige

White

#### SCREENS

Fiberglass Screen Mesh



18x16 Charcoal or Gray

**BetterVue®** (Optional) Insect screening with Water Shed Technology™



#### **GLASS OPTIONS**

With over 7,200 glazing options possible, you can create the right look for any window shape, size, or style. WinGuard® Vinyl products offer superior energy efficiency and many options to achieve ENERGY STAR® ratings with customized glass options like gas fills, tints, and coatings.

#### Argon Gas

(Laminated insulating glass only)

Windows can be filled with colorless and odorless argon gas to help insulate a room and minimize the transfer of heat through the window

#### Low-E (Emissivity) Glass

High performance coated glass that reflects and filters heat to keep your home comfortable



#### **Traditional Simulated Divided Lite Grid**

7/8" wide raised ogee applied to exterior and interior with 9/16" wide bronze shadow bar



Flat Grid

9/16" wide or 13/16" wide grid between the glass



**GRID STYLES** 

#### **Contour Grid**

1" wide grid between the glass

### **GRID TYPES**



SLIDING GLASS DOOR HARDWARE OPTIONS

#### Contemporary



Curved



#### **GLASS TINTS**



Clear



Bronze



Gray



**Impact Laminated Glass** 

impact resistance

and sound dampening

Textured glass options

**Privacy Glass** 

Laminated glass for effortless

Impact Laminated Insulating Glass

delivers increased energy efficiency

Highly customizable option that

White Interlayer, Obscure glass,

Obscure with White Interlayer, or



Green



Colonial (Many options available)



**Brittany / Prairie** 

### FRENCH DOOR HARDWARE OPTIONS

#### Series 100

Raised



### Series 800



#### Contemporary





**Azure Blue** 





Graylite® II

#### **Turtle Glass**

Tinted to reduce light and protect the natural habitat of marine turtles. Ask your dealer to learn more.

Custom Windows and Doors | 15 14 | PGT® WinGuard® Vinyl





PGT® WinGuard® Vinyl doors are beautiful and low-maintenance — the perfect complement to a carefree life. You'll feel the premium quality each time you open them and feel fully protected when they're closed.



#### **Ease of Operation**

Heavy-duty hardware and stainless steel rollers provide easy opening



#### **Low Maintenance**

Premium vinyl delivers performance for years to come



#### Durable

Sturdy vinyl frame provides superior strength, allowing for larger door sizes



Sliding Glass Door Preferred Sliding Glass Door SGD5570



# Sliding Glass Door



#### **Ease of Operation**

Stainless-steel rollers for smooth and durable movement



#### **Exceptional Quality**

PGT® WinGuard® is #1 in quality patio doors in America\*

#### SGD5570 Preferred Sliding Glass Door

#### Configurations

- → 4.5" Interlock
- → Bypass, Pocket, and Corner
- → Up to 8 panels with expansions of up to 40'

#### **Dual-Point Locking System**

- → Prevents panels from being lifted off the tracks
- → Secures into the door jamb, creating a weather-tight seal with highsecurity performance and maximumload resistance

#### Screens

→ Standard or heavy-duty

#### Dimensions

→ Max panel size: 5'w x 10'h



#### SGD5570 Track Height Dimensions



Standard 1.680" height

Optional 1.5" height allows tracks to be inset at floor level\*

Optional 3.25" and 4" guards against water intrusion

Sill Risers: 2.5", 3.5", 4.0625", 4.625"

\*The 1.5" height may only be used where water infiltration resistance is not required per the building code.

#### SGD5570 Roller Options



Stainless Steel

Nylon for a quieter option

Steel (Standard)



<sup>\*</sup> Builder Brand Use Report, 2019

## French Door



Ease of Operation
Heavy-duty hinge supports the weight of the door for easy opening



Exceptional Quality
PGT® WinGuard® is #1 in quality
patio doors in America\*

#### FD5555 **Preferred French Door**

#### Configurations

→ Available as a double French Door style or single French Door (also known as a patio or terrace door)

#### **Modular Design**

- → Single or double configurations
- → Optional sidelites and transoms allow design flexibility

### 3-Point Stainless-Steel Locking System

→ Provides an unmatched level of strength and security

### Prepped for Industry-Standard Hardware

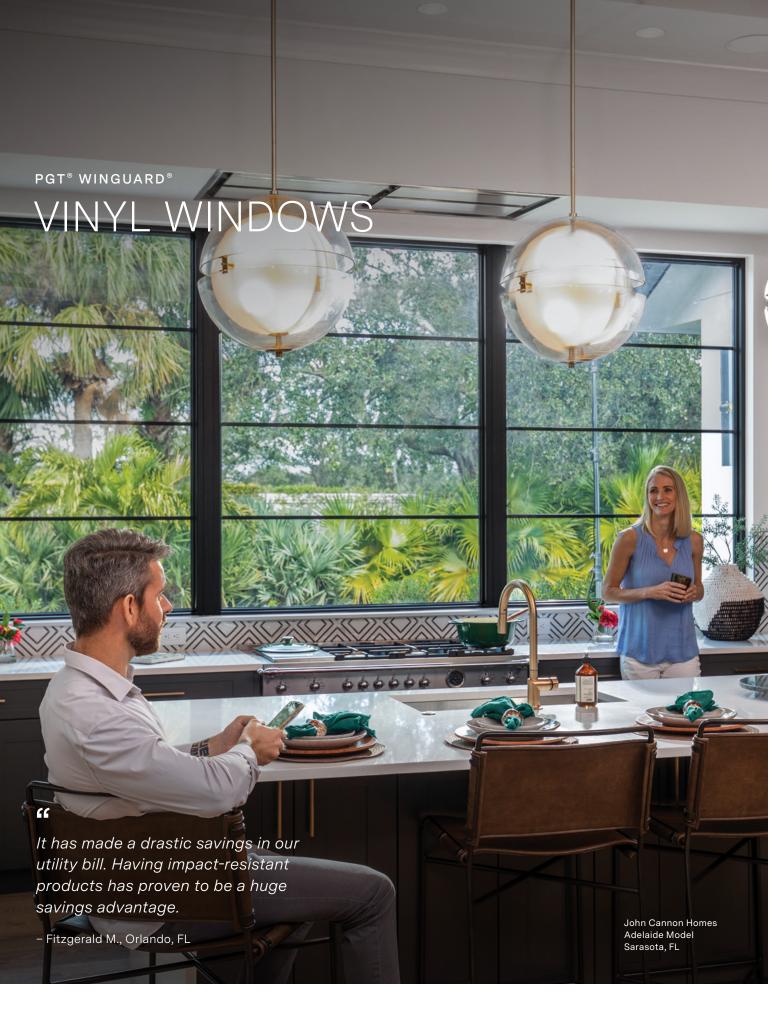
→ Enhances the design of patios, master bedrooms, and more





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<sup>\*</sup> Builder Brand Use Report, 2019



# Beauty and efficiency beyond compare

Add beauty, unmatched strength, and increased energy efficiency to any home design with PGT® WinGuard® Vinyl impact windows. During a storm, these windows will not separate from your home, which can cause pressurization during extreme weather. Each one delivers our signature premium quality and performance, engineered to be durable and worry-free.



#### **Low Maintenance**

Premium vinyl delivers performance for years to come



#### Durable

Sturdy vinyl frame with patented corner weld provides superior strength and allows for larger window sizes



#### **Energy Efficient**

Impact windows lower your home's energy bills\*. Can qualify for ENERGY STAR® rating.



Single Hung Window



**Double Hung Window** 



**Fixed Lite Casement** 





**Horizontal Roller Window** 



**Awning Window** AW5540



**Fixed Lite Picture Window** PW5520



**Fixed Lite Architectural Window** 

\*Compared to a single pane window. Energy cost savings based on 14.4 yrs Florida average home ownership. Source: energy.gov, valuepenguin.com

# Single Hung Window

**(**↑)

### Flexible Design

Custom design configurations with exceptional strength



#### **Easy Opening**

Heavy-duty, pre-tensioned balance system



#### Configurations







Equal Proview

Cottage

#### Easy Opening & Closing

- → ComfortLift handles
- → Various balancing systems for large, small, and heavy sashes ensures effort less operation
- → Constant Force or spiral balance system

#### **Exceptional Strength**

- → Welded sash corners create a strong seal
- → SecureConnect corner keys ensure optimal performance on any sized window
- → Aluminum interlock enhances strength on larger sizes/design pressures

#### **Hardware Options**

- → Vent latch allows fresh air in without opening window completely
- → Window Opening Control Device that delivers a deeper level of safety and security (Certified to ASTM F2090\*)

#### **Sash Options**







Single hung arch top with proview/ oriel sash

\*Window opening control devices are designed to meet the ASTM International (formally known as ASTM - American Society of Testing and Materials) Standard Specification for Window Fall Prevention Devices with Emergency Escape (Egress) Release Mechanisms.

#### DH5560

## Double Hung Window



#### 

Impact glass resists intruders and features a low-profile sweep lock



#### **Easy Opening**

Heavy-duty, pre-tensioned balance system





Equal



Proview C

Cottage

#### Easy Opening & Closing

- → ComfortLift handles
- → Various balancing systems for large, small, and heavy sashes ensures effort less operation
- → Constant Force or spiral balance system

#### Removable Sash Design

→ Clean the exterior part of the window more easily

#### **Exceptional Strength**

- → Welded sash corners create a strong seal
- → SecureConnect corner keys ensure optimal performance on any sized window
- → Aluminum interlock enhances strength on larger sizes/design pressures

#### **Hardware Options**

- → Vent latch allows fresh air in without opening window completely
- → Window Opening Control Device that delivers a deeper level of safety and security (Certified to ASTM F2090\*)

\*Window opening control devices are designed to meet the ASTM International (formally known as ASTM - American Society of Testing and Materials) Standard Specification for Window Fall Prevention Devices with Emergency Escape (Egress) Release Mechanisms.

24 | PGT® WinGuard® Vinyl

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### Casement Window



### **Easy Ventilation**

Opens on either leftor right-hand side



#### **Added Security**

Best performing option for extreme weather and built with innovative multi-point locking system



#### Modular Design

- → Available in single, double, or triple unit for versatile left or right opening
- → Pair with a matching Awning and Fixed Lite Casement Picture Window for design flexibility

#### Multi-Point Locking System

→ Provides added strength and security

#### **Exceptional Strength**

→ TrueHold hinge ensures durable sash operation on larger windows

#### Hardware

- → Foldaway handle won't interfere with window treatments
- → Washable hinge for easy cleaning from inside the home
- → Window Opening Control Device that delivers a deeper level of safety and security (Certified to ASTM F2090\*)

#### PW/AR5540 Fixed Lite Casement Picture Window/ Architectural

#### Fixed (Non-Operable) Window:

- → Allows flexibility in design for multiple window configurations
- → Suitable for most bedrooms and living spaces
- → Works well as a standalone or companion window
- → Matching Casement and Awning Windows available
- → Available in a variety of architectural shapes and sizes



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<sup>\*</sup>Window opening control devices are designed to meet the ASTM International (formally known as ASTM - American Society of Testing and Materials) Standard Specification for Window Fall Prevention Devices with Emergency Escape (Egress) Release Mechanisms.

### Horizontal Roller Window

**Design Versatility**Available in 2- and
3-lite configurations



**Easy Opening and Closing**Made with tandem
stainless-steel bearings



### Configurations

- → Equal Lite
- → Unequal Lite

#### **Exceptional Strength**

- → Welded sash corners create a strong seal
- → SecureConnect corner keys ensure optimal performance on any sized window
- → Aluminum interlock enhances strength on larger sizes/design pressures

#### Low-Profile Sweep Lock

- → Adds an extra level of security
- → Maximizes the view

#### Removable Sash Design

→ Clean the exterior part of the window more easily

#### **Hardware Options**

- → Vent latch allows fresh air in without opening window completely
- → Window Opening Control Device that delivers a deeper level of safety and security (Certified to ASTM F2090\*)

#### AW5540

## **Awning Window**



Hinged at the Top
To keep out rain
but allow light

and ventilation



**Custom Configurations**Can be mulled vertically or horizontally

#### Modular Design

- → Individual vent units can be mulled vertically or horizontally
- → Matching Casement and Fixed Lite Casement Picture Windows

#### Hardware

- → Foldaway handle won't interfere with window treatments
- → Multi-point locking system adds an extra layer of strength and security



<sup>\*</sup>Window opening control devices are designed to meet the ASTM International (formally known as ASTM - American Society of Testing and Materials) Standard Specification for Window Fall Prevention Devices with Emergency Escape (Egress) Release Mechanisms.

# Fixed Lite Picture Window



### **Design Flexibility**

Pairs with other window shapes for a custom look. Great for creating a wall of windows.



#### **Abundant Sunlight**

Allows for the perfect view and natural light to fill the space



#### Fixed (Non-Operable) Window

- → Works well as a standalone or companion window
- → Allows flexibility in design for multiple window configurations

#### Modular Design

- → Many matching window options available
- → Enhances the look of living rooms, kitchens, and master bedrooms
- → Individual units can be mulled for a variety of shapes and sizes to create a unique vignette that's custom to your home
- → Many popular grid options available. Check with your local dealer.



# Fixed Lite Architectural Window



#### Visual Appeal

Available in an array of interesting shapes and can be customized to order



### **Abundant Sunlight**

Allows natural light to fill the space

#### Fixed (Non-Operable) Window

- → Works well as a standalone or companion window
- → Allows flexibility in design for multiple window configurations

#### Modular Design

- → Many matching window options available
- → Enhances the look of living rooms, kitchens, and master bedrooms
- → Individual units can be mulled for a variety of shapes and sizes to create a unique vignette that's custom to your home
- → Many popular grid options available. Check with your local dealer.







Circle









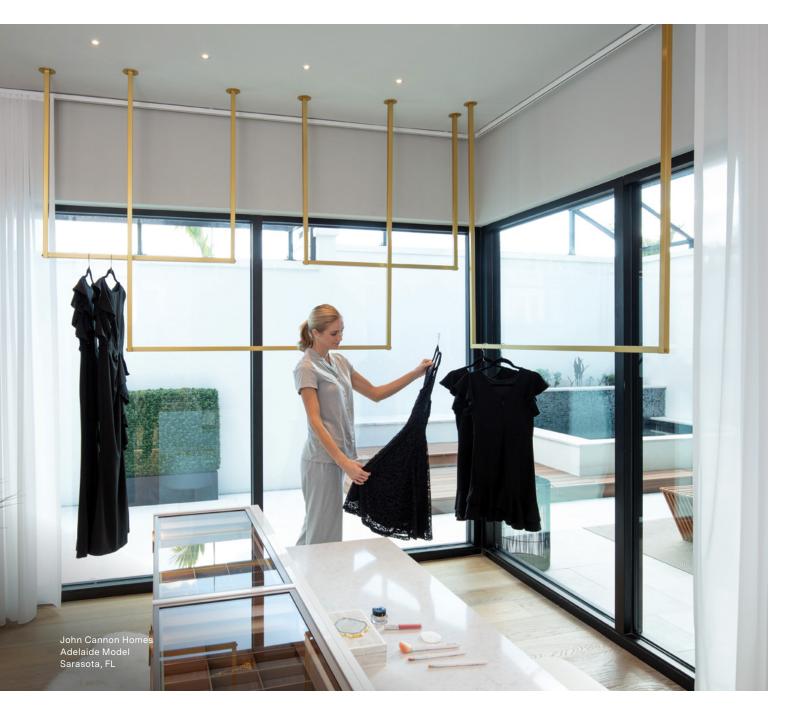


**Popular Architectural shapes shown.**Ask your dealer for details on custom shapes and sizes.

What makes our impact resistant products so worth the investment?

It's the safety and quiet you'll enjoy the day they're installed. It's the peace of mind knowing you're protected against unpredictable conditions. And it's the money you'll save and gain — in reduced energy bills and increased home value.

PGT° delivers those benefits and returns on your investment like no one else.



#### PARTNER SPOTLIGHT

PGT® is proud to feature properties of impeccable design and function using our products. Get inspired or find out more about our partners.



Scan the QR code to learn more about our partners and how you can benefit









The homes shown in this brochure are a collaboration with the PGT Corporate Builder Program.

#### **GLOSSARY**

**Argon Gas** — A safe, odorless, colorless, non-toxic, non-flammable inert gas that is commonly used in place of air between the glass panes of an insulated Low-E glass unit to reduce temperature transfer.

**Corrosion Resistant** — Refers to how well a substance can withstand damage caused by oxidization or other chemical reactions.

 $\label{eq:Design} \textbf{Pressure} - \textbf{Wind load pressure, expressed in pounds per square foot (psf)}.$ 

**ENERGY STAR®** — An independent U.S. government program that establishes a standard set of guidelines to recognize the energy efficiency of various products. ENERGY STAR® guidelines are used in conjunction with a variety of building materials, including windows and patio doors.

Florida Product Approval — A statewide approval system that requires manufacturers to submit testing and engineering data to ensure certain building components meet Florida Building Code standards.

Forced-Entry Resistance — The test methods intended to establish a measure of resistance for window assemblies subjected to attacks, other than by impact.

 $\label{limbact} \textbf{Impact Resistant} — \textbf{Shatter-resistant glass}. When the glass breaks, the shattered pieces will adhere to the interlayer.$ 

**Insulating Glass** — Window panes separated by an air- or other gas-filled space to reduce heat transfer.

**Interlayer** — A shatter-resistant plastic membrane sandwiched between two panes of glass.

International Building Code — A model building code developed by the International Code Council that has been adopted throughout most of the United States

**Laminated Glass** — Two panes of glass bonded together with a strong, clear interlayer.

**Laminated Insulating Glass** — Comprised of three panes of glass: two panes bonded together with a strong, clear interlayer and one pane for added insulation.

 $\label{large-Missile Impact} \textbf{Large-Missile Impact} - \textbf{Test used on windows and doors in which a 9-lb. 2' x 4' is propelled at a speed of 34 mph onto test subject.}$ 

**Low-E (Emissivity) Glass** — Glass with a transparent, metallic oxide coating applied onto or into a glass surface. The coating typically allows short-wave energy to pass through but reflects long-wave infrared energy, which improves the U-value.

Miami-Dade Notice of Acceptance (NOA) — A certification method controlled by Miami-Dade County that requires products to be tested to the TAS testing protocols.

**Monolithic Glass** — A single pane of glass casting using one glass thickness.

National Fenestration Rating Council (NFRC) — A non-profit organization that provides energy performance ratings on windows, doors, skylights, and attachment products.

Privacy Glass — Glass that has been made translucent instead of transparent.

Sea Turtle Protection Code — Protects sea turtles along the Florida coastline during nesting season by restricting the amount of light permitted through windows and doors.

**Sound Transmission Class (STC)** — An integer rating that provides an estimate of the sound insulation performance of an interior building partition (such as a window or door) between indoor spaces. The higher the number, the less sound is transmitted.

**Tempered glass** — Treated glass that is strengthened by reheating it to just below the melting point and then suddenly cooling it. When shattered, it breaks into small pieces. Approximately four times stronger than standard annealed glass; is required as safety glazing in patio doors, entrance doors, sidelites, and other hazardous locations. It cannot be recut after tempering.

**Ultraviolet (UV)** — The invisible rays of the spectrum that are outside of the visible spectrum at its short-wavelength violet end. Ultraviolet rays are found in everyday sunlight and can cause fading of paint finishes, carpets, and fabrics.

Window Opening Control Device — A device that limits the opening of a window sash to a predetermined position. The device includes a release mechanism that shall allow the sash to be fully opened and that automatically resets when a window is fully closed.



Scan to Shop **PGT® Products** 

At PGT®, we're committed to delivering windows and doors you can rely on with Always On protection. Contact your local dealer today to get started.

pgtwindows.com | North Venice, FL | 1866.801.0638











#### **INVENT. BUILD. DELIVER.**

A national manufacturer of premium windows and doors whose technically advanced products can withstand some of the toughest weather conditions on earth and are revolutionizing the way people live by unifying indoor and outdoor living spaces.

The PGT Innovations Family of Brands















