

PGT™ WinGuard®
VINYL

IMPACT

A LIFE YOU DESIGN.
THE FREEDOM YOU DESERVE.





Medallion Homes
Regatta Model
Bradenton, FL

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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.

Designed to deliver an impact



INCREASE YOUR HOME VALUE

Most homeowners who install impact doors and windows see significant increases in the value of their homes.

95%

of customers' home value increased — with an average gain of nearly \$34K¹.



LOWER YOUR ENERGY AND INSURANCE COSTS

Impact products make your home more energy efficient, reducing energy bills by an average 12%¹, and lowering insurance costs:

43%

of homeowners saw a reduction in their insurance costs¹.



FEEL MORE SAFE AND SECURE

When it comes to guarding against intruders and standing up to the strongest weather conditions, impact products simply perform better.

50%

more resistant to more intruders than non-impact glass due to impact glazing.



ENJOY THE PEACE AND QUIET

Impact products give you peace and privacy by minimizing nearby noises like — lawn mowers, traffic, and loud neighbors.

65%

sound and noise reduction when impact windows are installed².

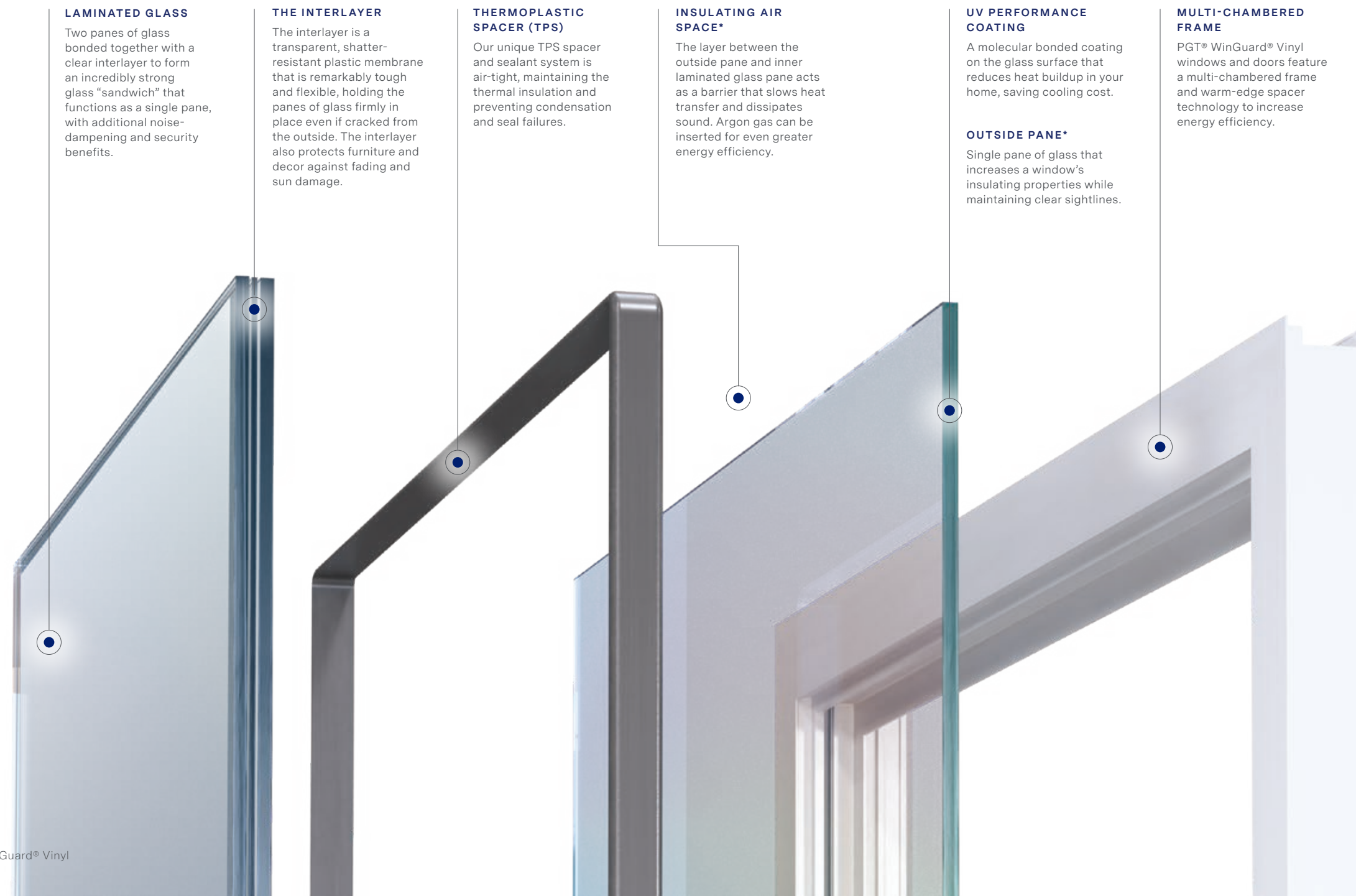
Hammock Homes
Hammock Model
New Smyrna Beach, FL

¹. 2020 Consumer Perception Study by John Burns Real Estate Consulting LLC.
^{*} Impact windows with low-E and/or insulating glass as compared to single pane non-coated glass
². Source: Sound reduction percentage is based upon the WinGuard® Aluminum picture window (PW7720A) OITC rating compared to a single-pane window with an OITC rating of 19. Actual results may vary.

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.

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.

Effortless protection + energy efficiency that's always on



Medallion Homes
Cat Claw Model
Bradenton, FL



Scan the QR code to visit our website. You'll find homeowner resources to care for and maintain your PGT® products along with inspiration and tips for new builds and renovations. Experience all that PGT® has to offer.

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.

Comfort

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

Effectiveness

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

Service

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

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.

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	✓	✓	✓	✓	✓	✓	✓
Electric Roll-Down Shutters	✗	✓	✗	✗	✗	✗	✗
Manual Roll-Down Shutters	✗	✓	✗	✗	✗	✗	✗
Accordion Shutters	✗	✓	✗	✗	✗	✗	✗
Lexan Panel Shutters	✗	✗	✗	✗	✗	✗	✗
Plywood	✗	✗	✗	✗	✗	✗	✗
Fabric Storm Panels	✗	✗	✓	✗	✗	✗	✗

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

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.



LIMITED LIFETIME WARRANTY

On the frame, hardware, screen and moving parts



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/ Architectural 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-yet-functional 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 Architectural Window

Our wide selection of unique shapes and styles will help allow natural light, improve security, and enhance your home's beauty and aesthetics.

Pages 32-33



CUSTOMIZED TO YOUR EXACT STYLE AND STANDARDS

Each PGT® WinGuard® Vinyl product is built just for you and can be fully customized to live up to your highly unique design vision — without compromise, down to the last detail.


FRAME COLORS

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 heat to keep your home comfortable

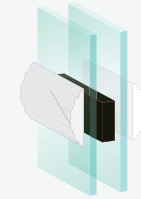
Impact Laminated Insulating Glass

Highly customizable option that delivers increased energy efficiency and sound dampening

Privacy Glass

White Interlayer, Obscure glass, Obscure with White Interlayer glass options

GRID TYPES



Traditional Simulated Divided Lite Grid
7/8" wide raised ogee applied to exterior and interior with 9/16" wide bronze shadow bar between the glass



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



Contour Grid
1" wide grid between the glass

SLIDING GLASS DOOR HARDWARE OPTIONS

Raised



- White
- Black
- Satin Nickel
- Oil-rubbed Bronze
- Beige

Contemporary



- White
- Black
- Satin Nickel

Curved



- White
- Black
- Satin Nickel
- Beige

GLASS TINTS



Clear



Bronze



Gray



Green



Azure Blue

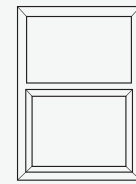


Solarcool® Bronze

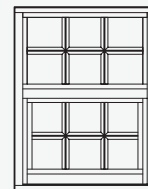


Graylite® II

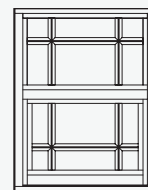
GRID STYLES



None



Colonial
(Many options available)



Brittany / Prairie

FRENCH DOOR HARDWARE OPTIONS

Series 100



- Satin Nickel
- Oil-rubbed Bronze

Series 800



- Satin Nickel
- Oil-rubbed Bronze

Contemporary



- Satin Nickel
- Oil-rubbed Bronze



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

PGT® WINGUARD®
VINYL DOORS

“
I have noticed about a 10% saving in my overall utility costs. The combination of impact and insulation has been an investment for the future.

– James P., Orlando, FL

Medallion Home
Regatta Model
Bradenton, FL

Quality that brings confidence

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



French Door
Preferred French Door
FD5555

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 high-security performance and maximum-load resistance

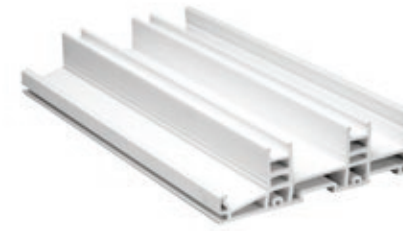
Screens

- Standard or heavy-duty

Dimensions

- Max panel size: 5'w x 10'h

SGD5570 Track Height Dimensions



Standard 1.680" height

Sill Risers: 2.5", 3.5", 4.0625", 4.625" to guard against water intrusion

SGD5570 Roller Options



Stainless Steel (*Standard*)

Nylon for a quieter option

Steel



SGD5570 Preferred Sliding Glass Door

* 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



FD5555 French Door
Double sidelites and transom

* Builder Brand Use Report, 2019

PGT® WINGUARD®

VINYL WINDOWS



“
It has made a drastic savings in our utility bill. Having impact-resistant products has proven to be a huge savings advantage.

– Fitzgerald M., Orlando, FL

John Cannon Homes
Adelaide Model
Sarasota, FL

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 key 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
SH5500



Double Hung Window
DH5560



Casement Window
CA5540
**Fixed Lite Casement
Picture Window/Architectural**
PW/AR5540



Horizontal Roller Window
HR5510



Awning Window
AW5540



Fixed Lite Picture Window
PW5520



Fixed Lite Architectural Window
AR5520

*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 spiral balance or constant force balance system



Configurations



Equal



Proview



Cottage

Easy Opening & Closing

- ComfortLift handles
- Various balancing systems for large, small, and heavy sashes ensures effortless operation
- Constant Force or spiral balance system
- Sash tilts in for easy cleaning

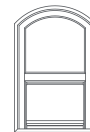
Exceptional Strength

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

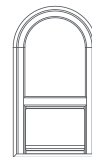
Hardware Options

- 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 radius top with equal sash



Single hung arch top with proview/oriel sash

Sash can be removed for easy maintenance

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

Double Hung Window



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



Easy Opening
Heavy-duty spiral balance or constant force 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
- Sash tilts in for easy cleaning

Removable Sash Design

- Clean the exterior part of the window more easily

Exceptional Strength

- Welded sash corners
- 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
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Double hung radius top with equal sash



Double hung arch top with proview/oriel sash

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Casement Window



Easy Ventilation
Opens on either left- or right-hand side



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



CA5540 Casement Window

Configurations



Single Double Triple (XOX)

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

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



CA5540 Casement Window and PW5540
Fixed Lite Casement Picture Window
Black Frame

HR5510

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
- 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*)

*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.

AW5540

Awning Window



Hinged at the Top
To keep out rain but allow light and ventilation



Custom Configurations
Can be mullied vertically or horizontally

Modular Design

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

Hardware

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



PW5520

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.



PW5520 Fixed Lite Picture Window

White frames

PW5520 Fixed Lite Picture Window
White frames

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
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- Many popular grid options available. Check with your local dealer.



Half Circle



Octagon



Circle



Trapezoid



Arch



Eyebrow

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



AR5520 Fixed Lite Architectural Window
4 Unit Trapezoid



AR5520 Fixed Lite Architectural Window
4 Unit Trapezoid

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.



John Cannon Homes
Adelaide Model
Sarasota, FL

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.

Design Pressure — 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.

Impact Resistant — 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.

Large-Missile Impact — 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 | 1 866.801.0638

