

PGT™ WinGuard®
ALUMINUM

A LIFE YOU DESIGN.
THE FREEDOM YOU DESERVE.





Fixed Lite Picture Window PW7720A
Bronze Frame

Why Impact Windows and Doors	4
Advantages of Impact Products	6
Always on Protection	8
Customizable Options	10
PGT® WinGuard® Aluminum Doors	16
PGT® WinGuard® Aluminum Windows	24
Glossary	35

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 INSURANCE COSTS

Impact products make your home more efficient and reduce insurance costs.

—
43%

of homeowners have seen 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 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.

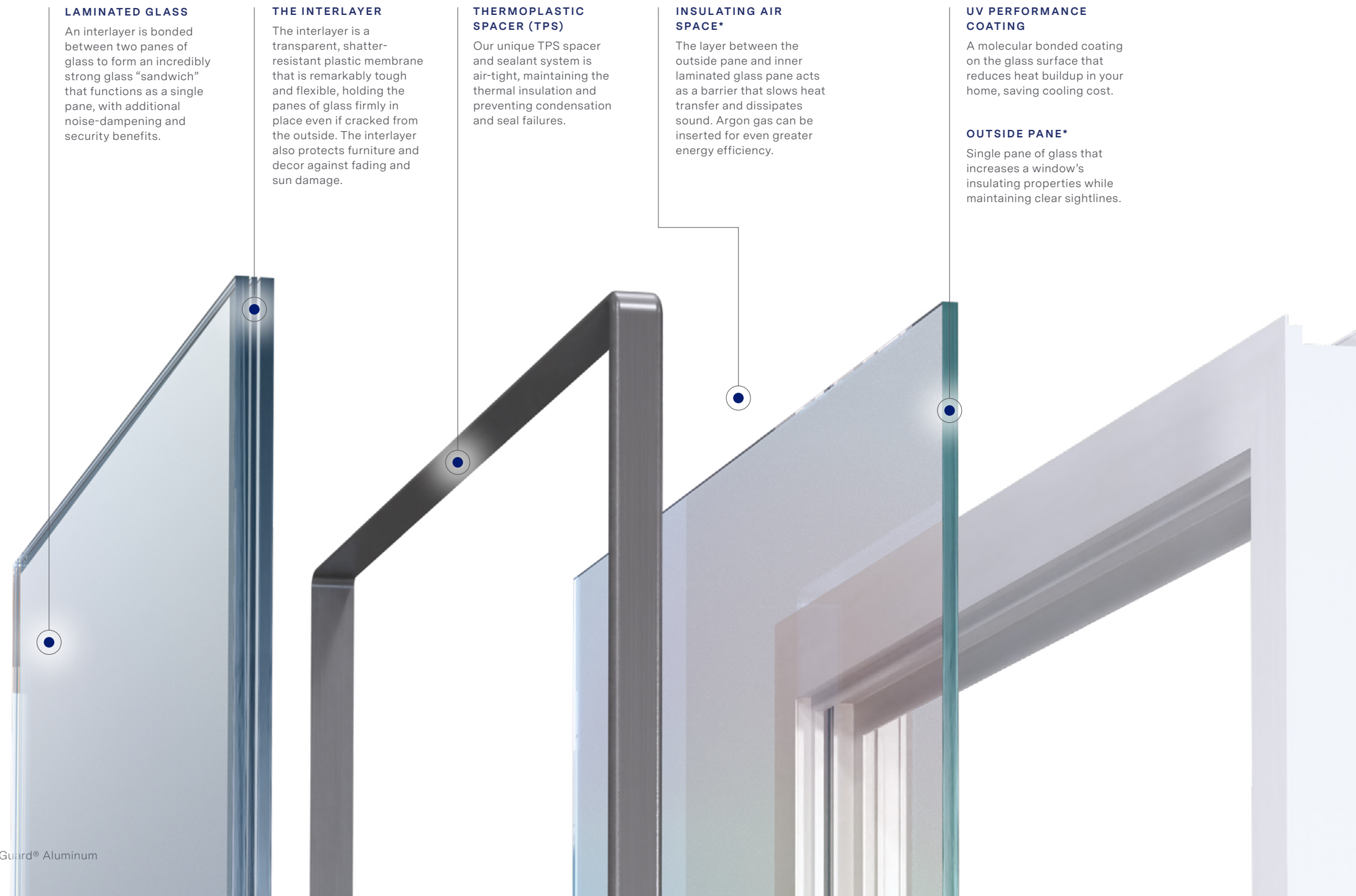
—
65%

sound and noise reduction when impact windows are installed².

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



LAMINATED GLASS

An interlayer is bonded between two panes of glass to form an incredibly strong glass “sandwich” that functions as a single pane, with additional noise-dampening and security benefits.

THE INTERLAYER

The interlayer is a transparent, shatter-resistant plastic membrane that is remarkably tough and flexible, holding the panes of glass firmly in place even if cracked from the outside. The interlayer also protects furniture and decor against fading and sun damage.

THERMOPLASTIC SPACER (TPS)

Our unique TPS spacer and sealant system is air-tight, maintaining the thermal insulation and preventing condensation and seal failures.

INSULATING AIR SPACE*

The layer between the outside pane and inner laminated glass pane acts as a barrier that slows heat transfer and dissipates sound. Argon gas can be inserted for even greater energy efficiency.

UV PERFORMANCE COATING

A molecular bonded coating on the glass surface that reduces heat buildup in your home, saving cooling cost.

OUTSIDE PANE*

Single pane of glass that increases a window’s insulating properties while maintaining clear sightlines.

With more than 7 million units installed, discover what makes us America’s authority on impact windows and doors.

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 Efficiency Upgrade

Laminated insulating glass reduces heat and cooling loss in homes no matter the outside conditions. Optional coatings and other upgrades can help achieve a higher level of energy efficiency. Speak to your local dealer for more information.

Hours of Testing

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

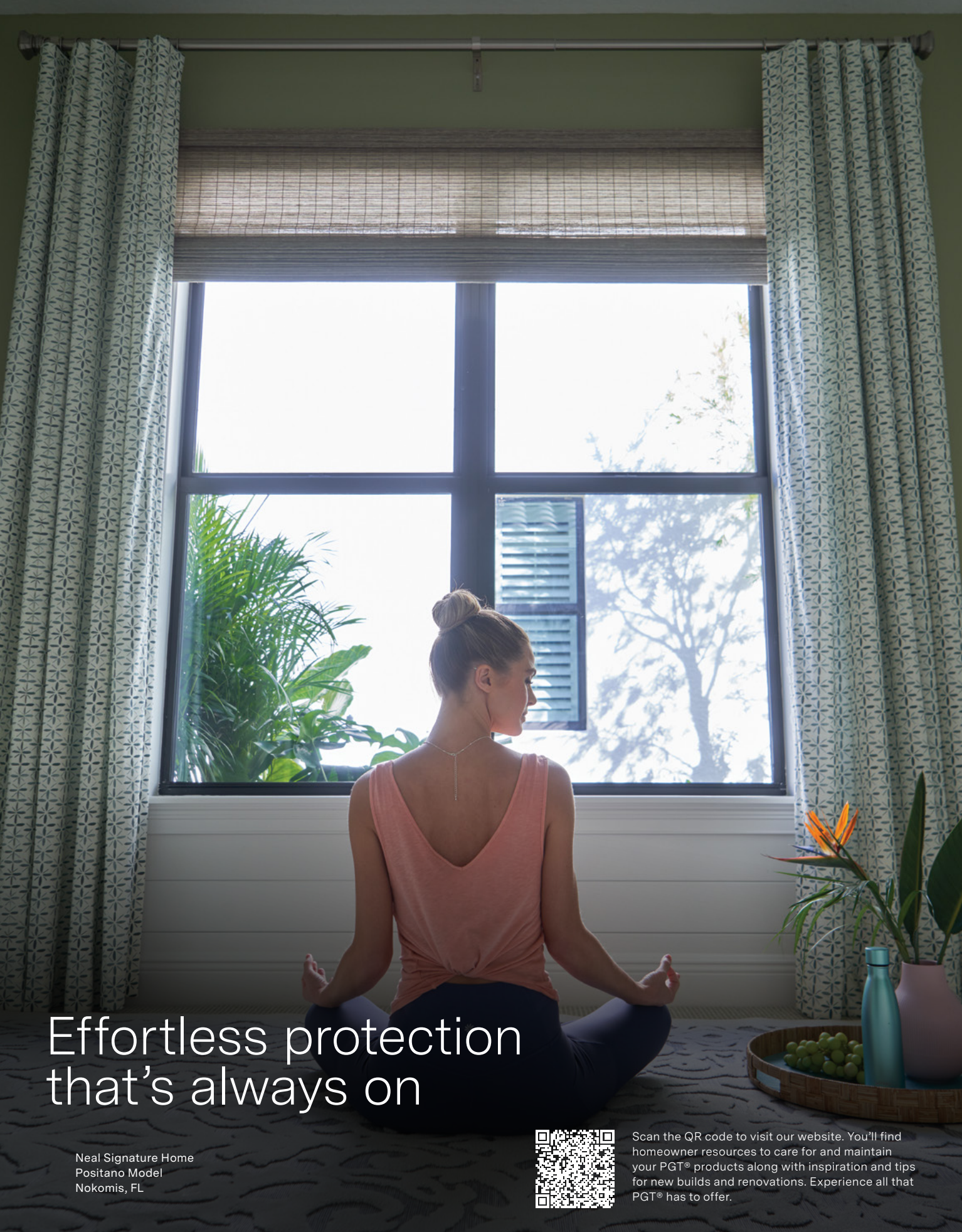
Leader in NOA Certifications

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

*Included with laminated insulating glass packages for highest energy performance. Both laminated and laminated insulating glass packages are available for PGT WinGuard products.



Effortless protection that's always on

Neal Signature Home
Positano Model
Nokomis, 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 your location or 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® Aluminum 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 insulating glass unit
10 years on the frame

“

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® ALUMINUM DOORS



Sliding Glass Doors

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

Pages 18-21



French Door

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

Pages 23-23

PGT® WINGUARD® ALUMINUM 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 26



Horizontal Roller Window

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

Page 27



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 Picture windows.

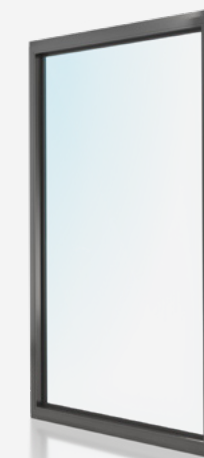
Page 28



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® Aluminum 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

Powder-coated frames resist chipping, corrosion, and fading. Custom frame colors are also available.

- Black**
(Not available for FD101H)
- Bronze**
- Clear Anodize**
- White**

SCREENS

Fiberglass Screen Mesh

-  18x14
Charcoal or Gray
-  18x16
Charcoal or Gray
-  20x20
Charcoal or Gray

BetterVue®
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. Our energy-efficient glass options reduce costs and keep your home comfortable year-round.

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.

Impact Laminated Glass *(Standard)*

Laminated glass for effortless impact resistance.

Impact Laminated Insulating Glass *(Premium)*

Highly customizable option that delivers increased energy efficiency and sound dampening.

Privacy Glass

White Interlayer, Obscure glass

GLASS TINTS



Clear



Bronze



Gray



Green



Azure Blue



Solarcool® Bronze



Graylite® II



Solarcool® Gray
(SGD780 only)



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

GRID TYPES

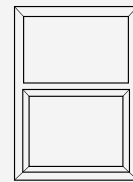


Raised/Flat Grid
1"-wide raised muntin applied to exterior
1"-wide flat bar applied to interior

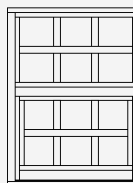


Flat Grid
9/16"-wide flat grid between the glass

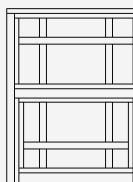
GRID STYLES



None



Colonial
(Many options available. Not available on PW7720A, AR7720A or PW740)



Brittany / Prairie
(Not available for AR7720A)

HARDWARE OPTIONS

Raised *(Standard on SGD770)*



White



Black



Satin Nickel



Polished Brass



Oil-rubbed Bronze

Contemporary *(Premium on SGD770 & SGD780, standard on SGD770NS)*



White



Black



Satin Nickel

Curved *(Premium on SGD770, standard on SGD780)*



White



Black



Satin Nickel



Polished Brass

French Door *(Standard on FD750 only)*



Black



Satin Nickel



Polished Brass

PGT® WINGUARD®
ALUMINUM DOORS






“
It decreased our homeowner’s
insurance by \$600. We had no idea
it would save us so much money.

– Fitzgerald M., Orlando, FL

Preferred French Door FD750
John Cannon Homes
Adelaide Model

Quality and performance, front to back

PGT® WinGuard® Aluminum 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 for balanced fingertip opening
-  **Low Maintenance**
Premium aluminum delivers performance for years to come
-  **Maximizes Viewing Area**
Low-profile construction and modular configuration minimize visual obstruction and enhance your view



Sliding Glass Door
Preferred View Sliding Glass Door
SGD770NS

Preferred Sliding Glass Door
SGD770

Premium Sliding Glass Door
SGD780



French Door
Essential French Door
FD101H

Preferred French Door
FD750

Sliding Glass Door



Dramatic Views
Invite the outdoors in with this expansive style



Maximum Performance
Features narrow frames designed to disappear into your surroundings without compromising impact strength

SGD770NS Preferred View Sliding Glass Door

Configurations

- 2.5" Interlock
- Bypass, Pocket, and Corner
- Up to 8 panels with expansions of up to 46.875'

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 nominal panel size: 5'w x 8'h or 4'w x 10'h
- Max overall opening size: 37.5'w x 10'h or 46.875'w x 8'h



SEE THE DIFFERENCE

SGD770NS Preferred View Sliding Glass Door

2.5" Interlock



SGD770 Preferred Sliding Glass Door

5" Interlock



Sliding Glass Door



Ease of Operation

Stainless-steel rollers for smooth and durable movement



Maximizes Viewing Area

Low-profile construction and modular configuration minimize visual obstruction and enhance your view



SGD770 Preferred Sliding Glass Door

Configurations

- 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: 4'w x 10'h or 5'w x 8'h

SGD780 Premium Sliding Glass Door

French Door Look

- Standard 9" bottom rail aligns perfectly with a French door to maintain sight lines and visual appeal
- Optional 4" bottom rail

Screen

- Heavy-duty

Dimensions

- Max panel size: 4'w x 12'h or 5'w x 10'h

SGD770 Track Height Dimensions



Standard 2.5" height

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

Optional 3.25" and 4" guards against water intrusion

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

SGD770 Roller Options



Stainless Steel

Nylon for a quieter option

Steel (*Standard*)



Preferred Sliding Glass Door SGD770
6 Panel Bypass & 3 Panel Bypass,
Outside Corner, Black Frame

SGD770 Preferred Sliding Glass Door

French Door



Ease of Operation

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



Modular Design

Single or double configurations. Optional sidelites allow design flexibility.

FD101H Essential French Door

Configurations

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

Concealed 2-Point Locking System

→ Provides added strength and security

Prepped for an Array of Hardware

→ Accommodates an array of industry-standard handles and deadbolts

FD750 Preferred French Door

3-Point Stainless-Steel Locking System

→ Provides an unmatched level of strength and security

Prepped for European-Style Hardware

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

Standard Hardware Options (FD750 only)

Black
Satin Nickel
Polished Brass



FD101H Essential French Door



FD750 Preferred French Door
Single, Patio Style, Black Frame



FD750 Preferred French Door
Double Door, Black Frame

PGT® WINGUARD®

ALUMINUM WINDOWS





“My personal safety and the safety of my family is paramount. These products have really helped me accomplish that.”

– Teresa D., Fort Myers, FL

Single Hung SH7700A & Fixed Lite Picture Window PW7720A
Neal Signature Homes
Positano Model

Strength and style that shine through

Add beauty and unmatched strength to any home design with PGT® WinGuard® Aluminum 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 aluminum delivers performance for years to come
-  **Durable**
Sturdy aluminum frame delivers performance for years to come
-  **Energy Efficient**
Impact windows lower your home's energy bills



Single Hung Window
SH7700A



Horizontal Roller Window
HR7710A



Casement Window
CA740
Fixed Lite Casement
Picture Window
PW740



Awning Window
AW740



Fixed Lite Picture Window
PW7720A



Fixed Lite
Architectural Window
AR7720A

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

SH7700A

Single Hung Window



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



Easy Opening
Heavy-duty, pre-tensioned spiral balance system



Configurations



Equal



Proview

Integrated Lift Rails and Deluxe Sweep Locks

→ Enables easy fingertip operation

Flexible Design

→ Radius Top and Proview/Oriel

Hardware Options

- Patented bottom lock with visual lock/unlock design
- 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*)

HR7710A

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

Tandem Stainless-Steel Rollers

→ Allows for smooth, easy operation

Low-Profile Sweep Lock

- Adds an extra level of security
- Maximizes the view

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 (formerly known as ASTM - American Society of Testing and Materials) Standard Specification for Window Fall Prevention Devices with Emergency Escape (Egress) Release Mechanisms.

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



CA740 Casement Window

Modular Design

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

Hardware

- Foldaway handle won't interfere with window treatments
- Optional 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*)

PW740 Fixed Lite Casement Picture Window

Fixed (Non-Operable) Window:

- Allows flexibility in design for multiple window configurations, including matching sidelites
- Suitable for most bedrooms and living spaces
- Works well as a standalone or companion window
- Matching Casement and Awning Windows available

*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.

Awning Window



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



Custom Configurations
Can be mullered vertically or horizontally



Modular Design

- Individual vent units can be mullered 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

PW7720A

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 mullered 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 Picture Window PW7720A
Bronze Frame

AR7720A

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.



Half Circle



Octagon



Circle



Trapezoid



Arch



Eyebrow

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



Fixed Lite Architectural Window
AR7720A & Single Hung SH7700A
Bronze Frame



Fixed Lite Architectural Window
AR7720A & Single Hung SH7700A
White Frame

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.



Preferred Sliding Glass Door SGD770
4 Panel Bypass, Single Hung SH7700A

Transom: Fixed Lite Picture Window PW7720

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 cast 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



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

