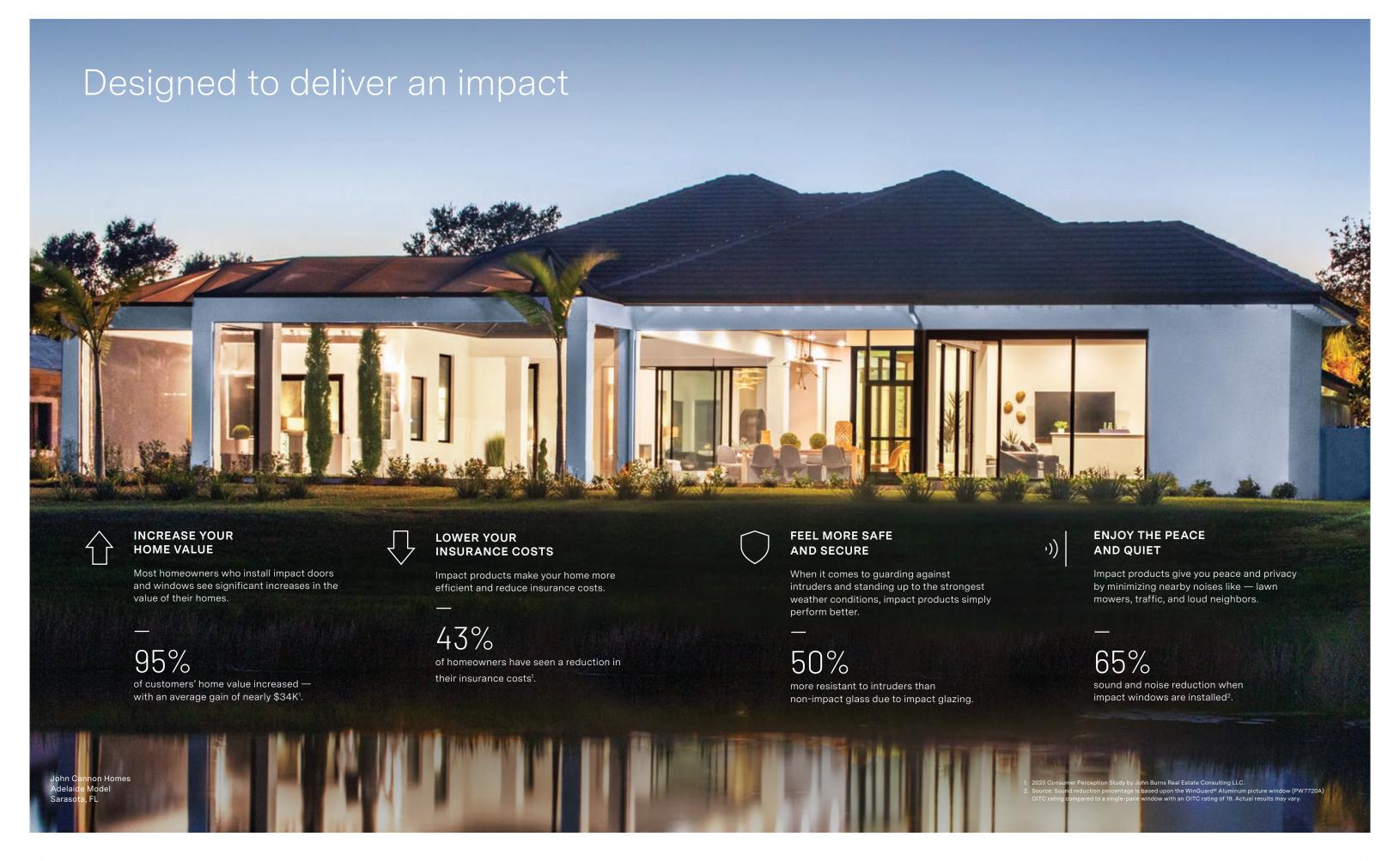




Why Impact Windows and Doors	4
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Live the life you want *where* you want — a custom detailed home that offers you and your family beauty and peace of mind for years to come. That's the freedom PGT® gives you.

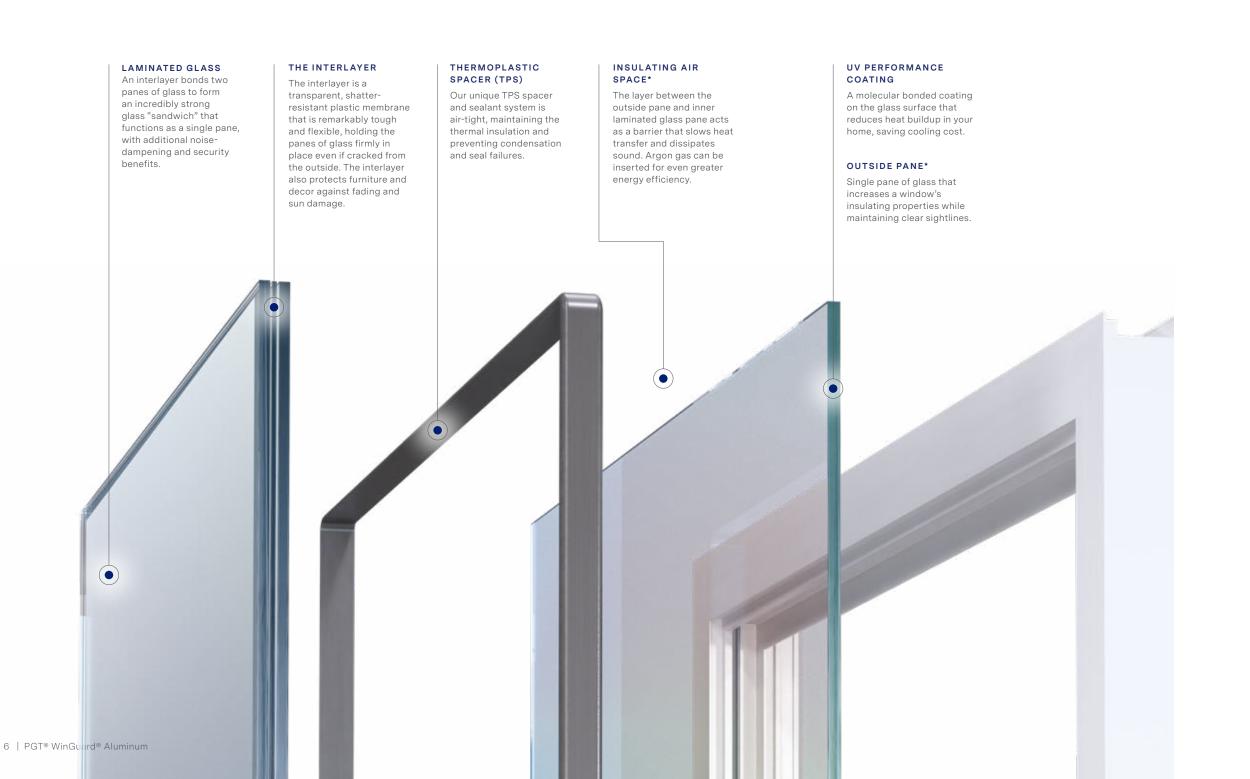
From the day they're installed and for every moment you own your home, our impact products stand up to outside elements and give you confidence in your environment, your lifestyle, and your investment.



## Innovation for a lifetime

PGT® has led the impact industry for more than 30 years by improving safety standards, pushing innovation, and delivering superior performance.

#### LAMINATED INSULATING GLASS



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.

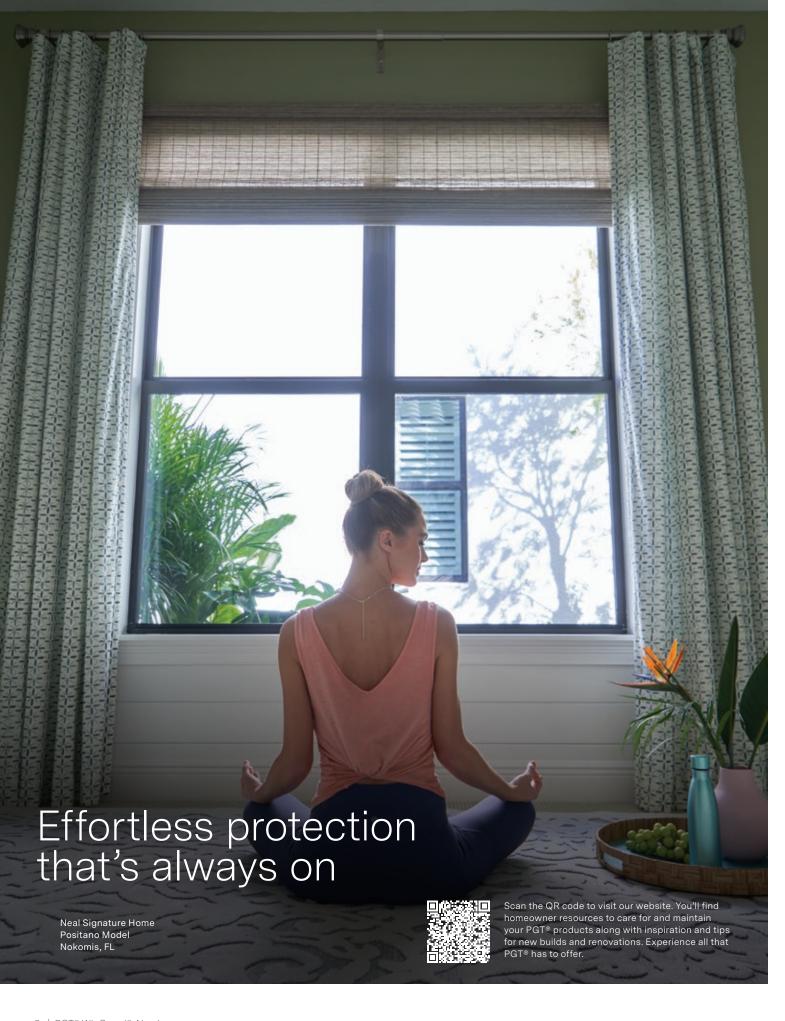
#### **Leader in NOA Certifications**

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.



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-

#### 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	$\bigcirc$	$\odot$	$\odot$	$\odot$	$\odot$	$\bigcirc$	$\bigcirc$
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.

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

<sup>\*</sup> 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.



#### CC

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 22-23

#### 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**

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

### Fixed Lite Casement Picture Window

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



#### 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.

**Impact Laminated Glass** 

impact resistance

and sound dampening

**Privacy Glass** 

Laminated glass for effortless

Impact Laminated Insulating Glass

delivers increased energy efficiency

Highly customizable option that

White Interlayer, Obscure glass

#### 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



**GRID TYPES** 

#### Raised/Flat Grid

1"-wide raised muntin applied to exterior

1"-wide flat bar applied to interior



GRID STYLES

Flat Grid

9/16"-wide flat grid between the glass

#### **GLASS TINTS**



Clear



Bronze





Gray



Green



**Azure Blue** 



Solarcool® Bronze



Graylite® II



Solarcool® Gray (SGD780 only)

**Brittany / Prairie** (Not available for AR7720A)

None

Colonial

(Many options available. Not available on PW7720A,

AR7720A or PW740)

#### HARDWARE OPTIONS

#### Raised

(Standard on SGD770)



White





Satin Nickel



**Polished Brass** 



Bronze





#### Curved

(Premium on SGD770, standard on SGD780)













**Polished Brass** 

#### Contemporary

(Premium on SGD770 & SGD780, standard on SGD770NS)



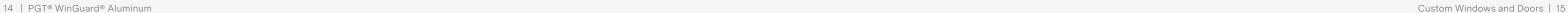
French Door

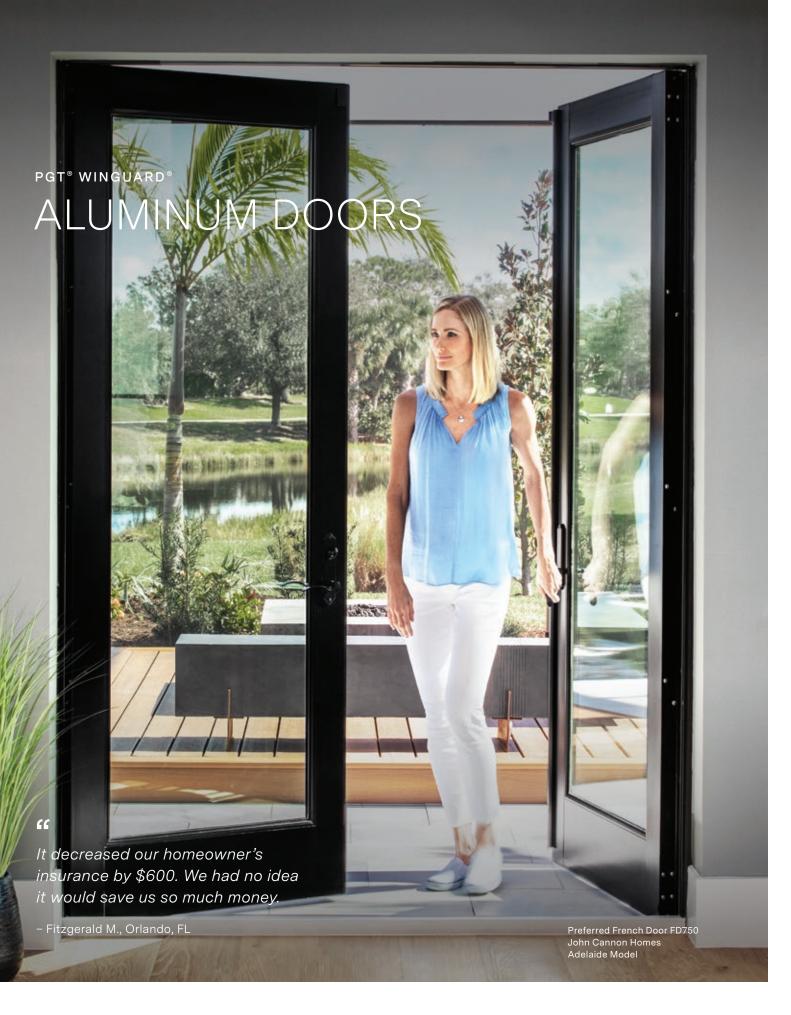
(Standard on FD750 only)





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





## 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 allows for easy 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 90 and 135 degree corners
- → 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 highsecurity performance and maximumload 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

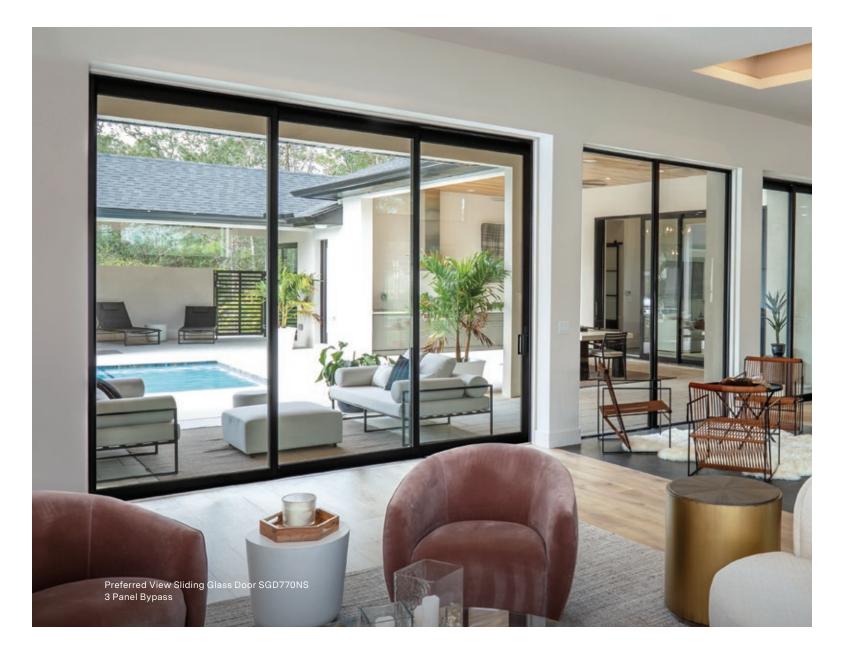
2.5" Interlock



#### 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 90 and 135 degree corners
- → 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

 $\rightarrow$  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

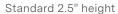
#### Dimensions

 $\rightarrow$  Max panel size: 4'w x 12'h or 5'w x 10'h

#### SGD770 Track Height Dimensions

#### SGD770 Roller Options





SGD770 Preferred Sliding Glass Door

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

Optional 3.25" and 4" guards against water intrusion

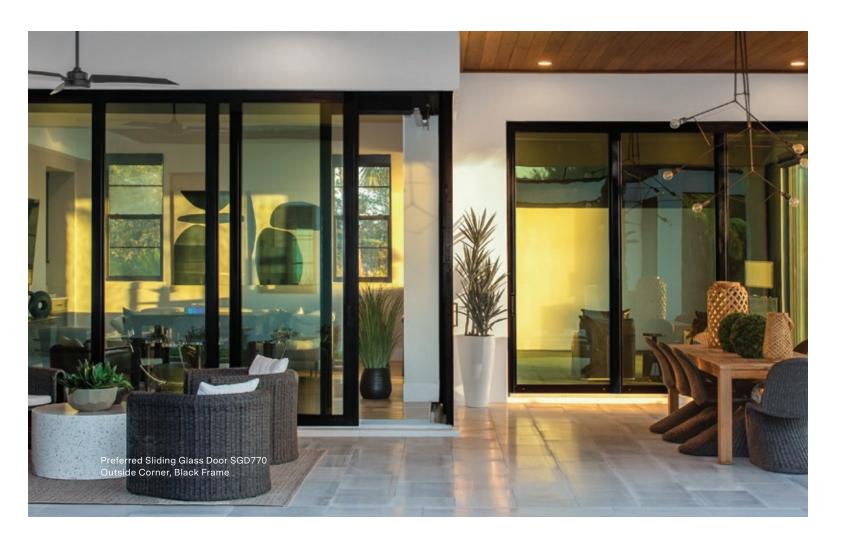
 $^{*}\mbox{The }1.5"$  height may only be used where water infiltration resistance is not required per the building code.



Stainless Steel (Standard)

Nylon for a quieter option

Steel



20 | PGT® WinGuard® Aluminum

Custom Windows and Doors | 21

## 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 industrystandard 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











## 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



Casement Window

Fixed Lite Casement Picture Window



Awning Window



Fixed Lite Picture Window



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

#### HR7710A

## 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





Equa

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\*)

## 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 (formally 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 leftor 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 Awning or Fixed Lite 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/ Architectural Window**

#### 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 an array of interesting shapes

## **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
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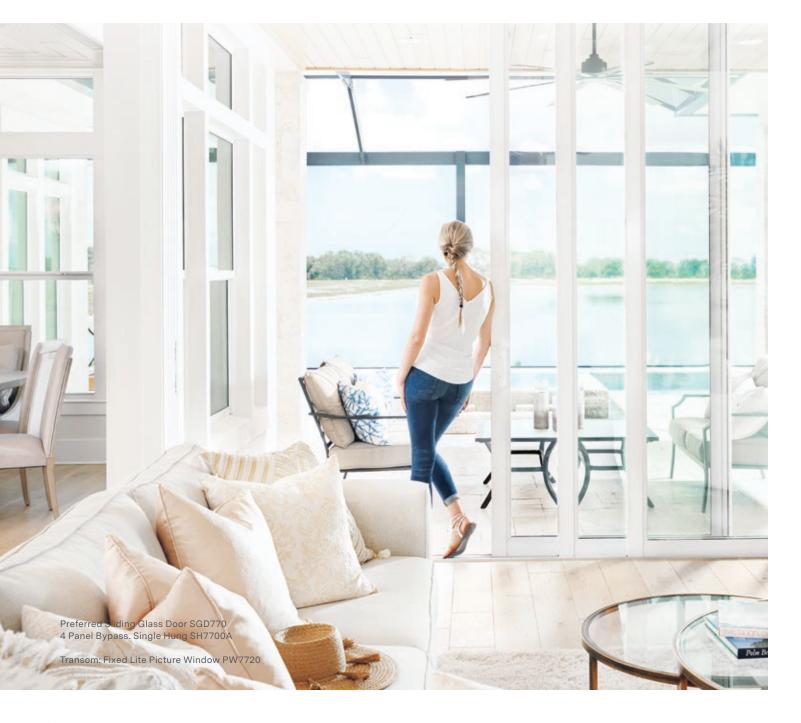


Popular Architectural shapes shown.
Ask your dealer for details on custom shapes and sizes.

# 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.

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

**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.

 $\label{eq:forced-entry} \textbf{Resistance} — \textbf{The test methods intended to establish a measure of resistance for window assemblies subjected to attacks, other than by impact.}$ 

**Impact Resistant** — Shatter-resistant glass. When the glass breaks, the shattered pieces will adhere to the interlayer.

**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.

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

**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.



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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















