



VINYL | IMPACT SERIES 2700 | SERIES 2800



*“PGT values the importance of serving the community because we are part of the community. We engineer products we would want in our own homes, nothing less.”*

*– Rod Hershberger, President & CEO*

## A TRADITION OF EXCEPTIONAL PRODUCTS, RELIABILITY, AND SERVICE

Founded in 1980, PGT® pioneered the U.S. impact-resistant window and door segment, growing from just four employees to approximately 1,500 at its manufacturing facility in Venice, Florida.

Today, PGT offers a total of 12 different high quality window and door lines.

Hurricane protection, security against intruders, noise reduction, UV filtering, energy efficiency, affordability, and style are some of the most notable benefits that PGT's products have to offer.

When you choose PGT products for your home or business, you can always expect top design, improved energy efficiency and extraordinary strength for the life of your investment.

You can have the confidence that PGT will not just meet, but exceed your expectations.

# SEE WHAT'S INSIDE

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VALUE

## YOUR ALL-IN-ONE SOLUTION FOR CONTINUOUS, EFFORTLESS PROTECTION

Selecting new windows and doors is an important decision, especially when you want the highest levels of beauty, strength and value for your well-appointed home, condominium, hotel or other high-rise application.

### **PGT® PremierVue® products feature:**

- Laminated glass
- Fusion-welded corners
- Shadow-weld corner design
- Multi-chambered frames
- Super Spacer® nXt™

These features allow PGT's PremierVue line to offer the superior performance, style and elegance not found in other manufacturers' vinyl impact products.



*PremierVue®, PGT's premium product line, combines style and high performance to meet the needs of today's most sophisticated homeowner.*

## TO KNOW OUR PRODUCTS IS TO KNOW OUR PROMISE

PGT® is the authority on impact-resistance. Our expertise is founded from our collaboration with Miami-Dade County to establish testing protocols for impact-resistant products. As a result of this partnership, in 1996 PGT became the first manufacturer to offer a full-suite of impact-resistant windows and doors that are – to this day – among the strongest, safest, and most reliable products in the industry.

From design to delivery, we oversee every step in our manufacturing process to ensure unsurpassed quality in every product we make. Our reputation is built on the dedication to superior materials, service and results we bring to your home for a difference you can count on.



STRENGTH

## PERFORMANCE TESTING

PGT® is dedicated to earning your confidence in our products. For this reason, we test our windows and doors to confirm that they meet the exacting standards of the industry's most respected accredited organizations. These certifications ensure you that PGT stands behind every product we manufacture for your home.

### PGT PremierVue® product certifications, ratings, and testing include:

- Florida Product Approval
- International Building Code
- AAMA Tested / Keystone Certified
- STC (Sound Transmission Class)



See the Glossary of Terms for more details on each of these certifications and testing protocols.



*PremierVue® blocks 99% of UV rays, reduces outside noise, and deters residential intruders, giving you the protection you want with the value and beauty you seek.*

## DESIGNED FOR STRENGTH, SAFETY AND STYLE

PGT® invests hundreds of hours into testing the designs of our windows and doors to ensure that all of our products will perform at their optimum level for many years to come.

**Each PGT PremierVue® window and door is tested to meet or exceed the International Building Code for:**

- Air infiltration
- Deglazing
- Structural integrity
- Water resistance
- Forced-entry resistance
- Small and large missile impact protection



# RELIABILITY

## ENGINEERED TO MEET HURRICANES HEAD-ON

When severe storms and high winds threaten your home, PGT® PremierVue® products effortlessly protect the things that matter most in your life.

Each window and door features laminated glass, which is comprised of two panes of glass bonded together with a strong, clear interlayer for impact-resistance. Choosing PremierVue products for your home eliminates the need for unsightly, hard-to-install shutters – saving you valuable storage space, time, energy and money, while improving your home’s curb appeal.

In addition, PGT’s PremierVue line achieves among the highest design pressures across the vinyl window industry. So, whether you need windows and doors for your coastal home, high-rise condo, or multi-story hotel, PremierVue can deliver on all levels of strength and style.



*The combination of the glass makeup and heavy-duty, multi-chambered frame enables PremierVue® products to achieve among the highest design pressures in the vinyl industry.*

## SUPERIOR PROTECTION BACKED BY SUPERIOR WARRANTIES

PGT® operates on the premise that promises are made to be kept, which is why our PremierVue® products are backed by some of the best warranties in the business.

### **PremierVue products include:**

- Lifetime warranty on the frame, insulating glass unit and component parts
- Additional lifetime warranty for accidental glass breakage
- Transferable warranty



# ENERGY

## THE ENERGY-EFFICIENT ADVANTAGE FROM PGT®

People are choosing “green” living options for their home more than ever. At PGT, we understand the importance of saving energy while protecting your family and keeping your home comfortable. With our PremierVue® windows and doors, you get protection you can trust with energy efficiency you can see in reduced heating and cooling costs.

### Features of PremierVue products that contribute to excellent energy efficiency include:

- Multi-chambered vinyl frames
- Laminated insulating glass
- Super Spacer® nXt™



*PGT® PremierVue® products feature the Super Spacer® nXt™ dual-seal system, which lasts up to 5x longer than a single-sealed unit and provides some of the best thermal performances in the industry.*

## PROTECT YOUR HOME IN EVERY WAY

All PGT® PremierVue® windows and doors have options available to achieve ENERGY STAR® ratings for energy performance, including:

- **Laminated insulating glass** which provides an additional layer of insulation between the inside and outside of your home
- **High-performance Low-E** to deflect solar heat gain and keep unwanted heat outside your home
- **Glass tints** that are effective at reducing heat transmitted through your windows
- **Argon gas** which helps reflect outside heat to regulate the temperatures inside your home



CUSTOM

## TAILORED EXACTLY TO YOUR NEEDS

We recognize the uniqueness of your project, which is why every product we build is custom-made to match your exact specifications.

To ensure that strict standards of quality are met, our team oversees the production of each product manufactured. With the attention to detail and superior craftsmanship that is put into every PremierVue® window and door, it is no surprise that this line is distinguished as the preferred choice for high-end custom homes, condominiums and commercial projects.



## SELECTIONS TO DISTINGUISH YOUR PROJECT

Your project deserves a style of its own. Personalize the look of your PremierVue® windows and doors by choosing from a variety of custom options to distinguish your design:

- Frame colors
- Glass tints
- Grid styles and patterns
- Low-E
- Privacy glass
- Sea Turtle Protection Code glass options

## WHAT PGT® PREMIERVUE® MEANS TO YOU



During a hurricane, flying debris can shatter the glass in regular windows and doors, resulting in wind and water damage inside your home. PremierVue products can withstand repeated impact from a nine-pound 2' x 4' beam traveling at 34 miles per hour, followed by hurricane-force winds. Even if the glass is damaged, it will remain secure in its frame and continue to keep the elements outside.



Breaking a window is the most common means of entry for an intruder. While non-impact resistant glass shatters easily upon contact and offers little resistance, the durable interlayer used in PremierVue products will keep the glass in place and provide an additional barrier that deters intruders.

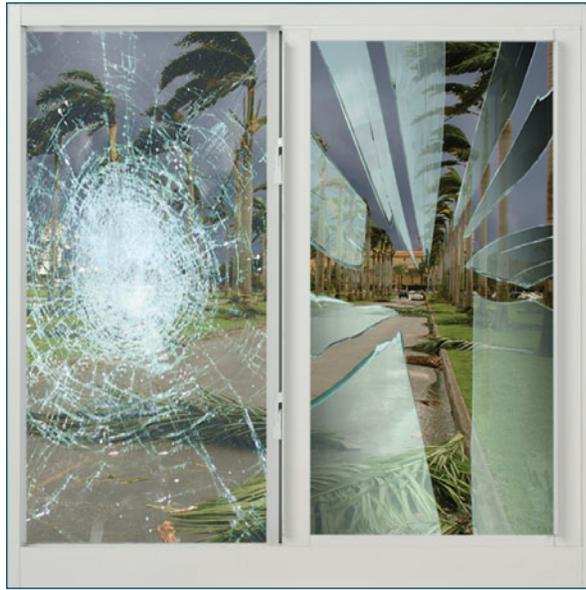


Constant exposure to the sun's UV rays can dramatically fade your furnishings. The clear interlayer used in PremierVue products filters 99% of these UV rays, helping your furniture, carpet, artwork and drapes retain their original beauty.



Noise outside your home is often something you have little control over. With PremierVue windows and doors, the laminated glass significantly reduces ambient noise by absorbing sound rather than transmitting it, which keeps outside disruptions where they belong.

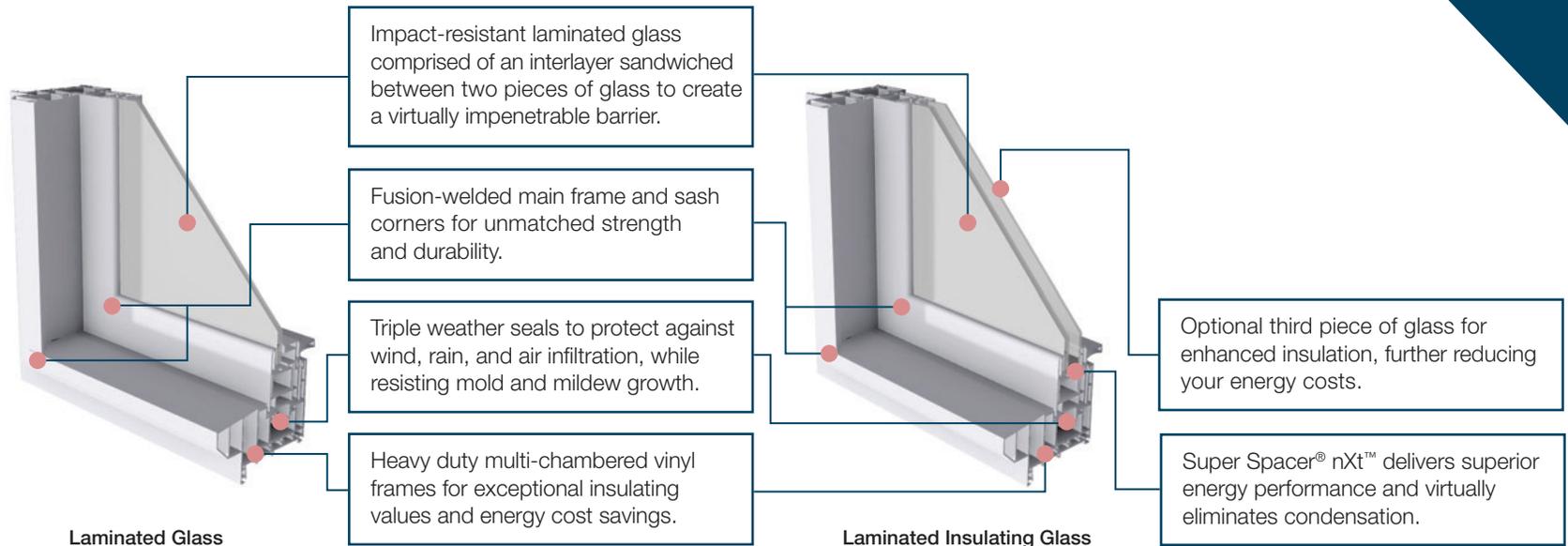
## GLASS TYPE COMPARISON



Laminated Glass

Single Pane Glass

Glass breakage patterns can vary greatly depending on the treatment and construction of the glass used in a window or door. PremierVue® products include *laminated glass* which may crack if impacted, but will keep the glass pieces adhered to the laminate and secure in the frame. Conversely, *single pane* annealed glass will fracture into large shards and will not be held in the frame after breaking.



## BEAUTIFUL WINDOWS ARE JUST THE BEGINNING

PGT® PremierVue® products do more than just beautify your home, they offer a complete package of defense from:

- Hurricane damage
- Intruders
- Outside noise
- UV rays

Our PremierVue vinyl frames are made with 100% virgin vinyl, which is completely void of recycled products that may contain impurities or lower-grade vinyl. These impurities can significantly affect resilience, impact-resistance, and UV inhibition of the finished product.

PGT virgin vinyl products:

- Are formulated to withstand the harshest conditions
- Will never rot, warp, splinter, or need painting like wood windows
- Will never crack, chip, flake, or chalk like other manufacturers' non-virgin vinyl products
- Maintain strength and color for life
- Protect against damaging UV rays
- Will not absorb moisture
- Are low-maintenance and easy to clean

### SUPER SPACER® nXt™

PGT PremierVue windows and doors also incorporate the innovative Super Spacer® nXt™, which offers the ultimate in thermal performance, durability and condensation reduction at no extra charge.

#### Performance

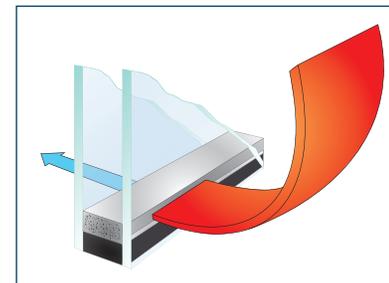
The all-foam design of Super Spacer® nXt™ units blocks air from escaping through your frame and provides some of the best thermal performance in the industry.

#### Durability

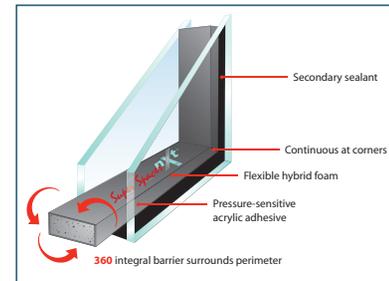
The dual-seal system of Super Spacer® nXt™ helps insulating glass units last up to five times longer than single-seal units.

#### Reduction

Super Spacer® nXt™ units significantly reduce condensation, which can lead to bacteria, molds, fungi, viruses and more.



Performance



Durability



Reduction

## GRIDS



### Raised / Raised Ogee

- 7/8" wide raised ogee applied to exterior
- 7/8" wide raised ogee applied to interior



### Flat Grid

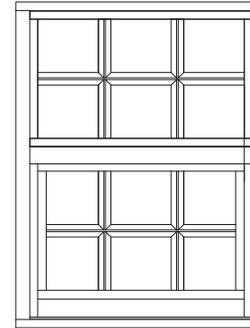
- 9/16" wide
- Grid between the glass



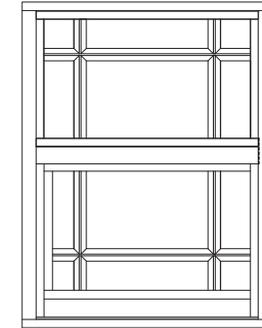
### Traditional Simulated Divided Lite

- 7/8" wide ogee applied to exterior and interior
- 9/16" wide bronze shadow bar between the glass

## GRID PATTERNS



Standard



Brittany/Prairie

## STANDARD FEATURES

Products in these series come standard with clear laminated glass and a white frame that is ideal for new construction and remodeling projects. Operable windows also include a screen with 1816 mesh.

### Standard Frame Colors



White

## PREMIUM OPTIONS

### Glass

- Tempered glass
- Laminated insulating glass
- Privacy glass
  - Obscure (textured for enhanced privacy)
  - White Interlayer (opaque interlayer for enhanced privacy)
- Popular glass tints
- Hi-performance Low-E
  - Solarban® 60
  - Solarban® 70XL
- Argon gas

### Frame Colors



Bronze Exterior/  
White Interior



## DOUBLE HUNG (DH2760/2860)

### Class 5, pre-tensioned spiral balance system

- Counterbalances 70% of the window sash weight for the easiest, smoothest opening and closing

### High-quality, self-locking, double-action sash locks

- For peace of mind and increased security

### Low profile locking hardware

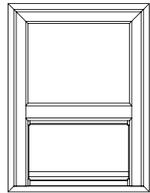
- For an uninterrupted, finished look

### Proprietary tilt latches and pivot bars

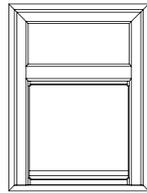
- Offer superior structural support and easy cleaning

### Tilt sash design

- For easy exterior cleaning



Proview/Oriel



Cottage



## HORIZONTAL ROLLER (HR2710/2810)

### Available in 2- and 3-lite configurations

- Operation viewed from outside

### Heavy-duty, tandem, stainless steel rollers

- For exceptionally smooth and easy operation

### High-quality, self-locking, double-action sash locks

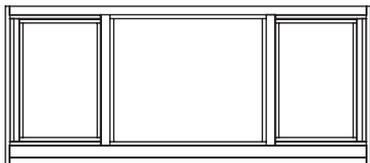
- For peace of mind and increased security

### Low profile locking hardware

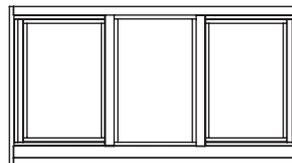
- For an uninterrupted, finished look

### Tilt sash design with proprietary tilt latches and pivot bars

- Offer superior structural support and easy cleaning



Unequal Lite



Equal Lite



## CASEMENT (CA2740/2840)

Available in single vent or custom units

- Hinged for opening either left or right

**Multi-point locking system**

- Provides added strength and security

**Washable hinge**

- For easy cleaning from inside the home

**Egress hinge**

- To meet life safety code requirements

**Optional fold away handle**

- Will not interfere with your window treatments



## AWNING (AW2740/2840)

Available in single vent

- Multiple units can be mulled vertically or horizontally for custom configurations

**Multi-point locking system**

- Provides added strength and security

**Optional fold away handle**

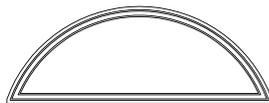
- Will not interfere with your window treatments



## PICTURE WINDOW / FIXED LITE ARCHITECTURAL (PW/AR2720/2820)

Available in a variety of shapes & sizes

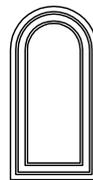
- Provides maximum amount of light
- Can serve as standalone or companion window



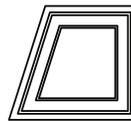
Half Circle



Eyebrow



Arch



Trapezoid

Other standard and custom shapes available.



## STANDARD FEATURES

Our Crystal Achievement Award-winning design comes standard with clear tempered, laminated insulating glass and a white frame that is ideal for new construction and remodel projects. This sliding glass door is the perfect complement to all PGT® PremierVue® windows.

### Standard Frame Colors



White

## PREMIUM OPTIONS

### Glass

- Privacy glass
  - Obscure (textured for enhanced privacy)
  - White Interlayer (opaque interlayer for enhanced privacy)
- Popular glass tints
- Hi-performance Low-E
  - Solarban® 60
  - Solarban® 70XL
- Argon gas

### Frame Colors



Bronze Exterior/  
White Interior

## SLIDING GLASS DOOR (SGD2770)

### Expansions of up to 40 feet

- Amazing, uninterrupted views and a great source of natural light

### Panels up to 4' x 10' or 5' x 8'

- Sizes available for every opening

### By-pass and pocket door configurations

- Customizable with multiple tracks from 2 to 8 panels

### Dual-point locking mechanism

- Provides added security for your home by restricting panels from being lifted off the tracks

### Heavy-duty tandem rollers

- Allow easy opening with just your fingertips

### Hidden installation and assembly screws

- Deliver a sleek, finished appearance

### Your choice of raised pull handles or recessed pulls

### High performance options

- Available to meet all your design pressure needs



Crystal Achievement  
Award-winning  
Design

**AAMA:** American Architectural Manufacturers Association. A national trade association that establishes voluntary standards for the window, door, storefront, curtain wall, and skylight industries.

**Argon gas:** Argon is 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.

**Box screen:** A heavy duty sliding glass door screen frame that simulates the actual glass panels. It is typically similar in size and shape to the glass door panels.

**Corrosion-resistant:** Refers to how well a substance can withstand damage caused by oxidization or other chemical reactions.

**Cottage window:** On a hung window, the sash lite is larger than fixed lite.

**Design load:** Wind load pressure, usually expressed in pounds per square foot (psf). Equal to 2/3 of the Structural Test Load.

**Design pressure:** See Design load.

**Energy Star:** ENERGY STAR® is an independent U.S. government program establishing 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 series of tests performed by a State of Florida approved testing lab to ensure certain building components meet Florida standards.

**Forced-entry resistance:** The test methods intended to establish a measure of resistance for window assemblies subjected to attacks, other than by impact.

**Heat-strengthened glass:** Glass that is reheated, after forming, to just below melting point, and then cooled, forming a compressed surface that increases its strength beyond that of typical annealed glass.

**Hinge:** A jointed or flexible device on which a door or other swinging part turns.

**Impact resistant:** Shatter-resistant glass, when the outer glass breaks the shattered pieces will adhere to an intermediate layer of a shatterproof membrane.

**Interlayer:** A shatterproof 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:** Comprised of 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 2x4 traveling at 50 ft per second is propelled at a speed of 34 mph into test subject.

**Lift rail:** A handhold for raising and lowering the sash. Rail implies that the handhold is continuous across the sash.

**Lite:** An area of visible light, framed by either a window or door's primary extrusions or by muntins.

**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:** Protocol for testing windows for impact by large or small missiles.

**Multiple chambered frame:** Frame member which has multiple core construction to provide strength and insulation.

**NFRC-National Fenestration Rating Counsel:** A non-profit organization which provides energy performance ratings on windows, doors, skylights and attachment products.

**Obscure glass:** Glass that has been made translucent instead of transparent.

**Pocket door:** Sliding glass door that when opened slides clear of the opening.

**Sound Transmission Class (STC):** The sound transmission loss rating of a material over a selected range of sound frequencies. The higher the number, the less sound is transmitted.

**Super Spacer® nXt™:** An all-foam, warm edge spacer that lines the edge around the insulating glass panes. See page 14 for details about benefits.

**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, side lights, and other hazardous locations. It cannot be recut after tempering.

**Ultra-violet (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.

**Washable hinges:** Track type hinges on casement windows that, aside from normal operation, have the ability to slide towards frame center and allow for easy sash cleaning.

