

WinGuard®

VINYL
IMPACT



P&G WinGuard®
VINYL

BUILT WITH CLEAR PURPOSE.

Exceptional safety and energy efficiency.



Preferred Sliding Glass Door SGD5570

PGT WinGuard[®]
VINYL

Single Hung SH5500



Picture Window PW5520 and Horizontal Roller HR5510



Designed to protect your family and your wallet.

PGT® WINGUARD® VINYL

All windows and doors can provide a view. But at PGT® Custom Windows + Doors, we believe in doing more. That's why our vinyl impact-resistant products protect against the fiercest storms and more while lowering your energy bills. It's also why, for more than 40 years, our purpose has been providing homeowners with custom windows and doors that fit their unique lifestyles.

When you choose PGT® Custom Windows + Doors, you're getting a product we trust in our own homes, so you can have complete peace of mind in yours. That's why we work every day with clear purpose.

The #1 brand of impact-resistant windows and doors.



PROTECTION FROM THE EVERYDAY AND THE ONCE IN A LIFETIME.

This product line's exceptional engineering offers peace of mind from storms, stray baseballs, sound pollution, UV rays, and would-be intruders. Heavy-duty frames hold impact-resistant glass, which acts as the primary line of defense against life's most demanding situations.

The top brand of impact-resistant products also saves you time and money. WinGuard® Vinyl's multi-chamber window and door frames reduce heat transmission and help keep your energy bills lower year round. Impact-resistant products also help reduce insurance premiums while increasing the overall value of your home. Plus, you can skip unsightly shutters or plywood that may take hours to install.



Picture Window PW5520 and Double Hung DH5560



09

PERFORMANCE

WinGuard® Vinyl offers a winning combination of strength, energy efficiency, and beauty.



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TESTING

We test our windows and doors relentlessly, so you can enjoy the view in safety and comfort.



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CUSTOMIZATION

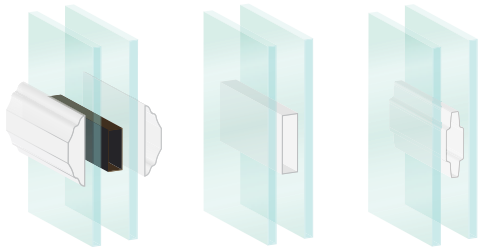
Your home is as unique as you are. Our windows and doors help reflect your personal style.



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WINGUARD® VINYL FEATURES

WinGuard® Vinyl products come with a full suite of standard features for built-in protection and energy efficiency.



19 / GRID STYLES AND PATTERNS

WinGuard® Vinyl products are available with a variety of grid styles and patterns that complement any design requirements.



21 / PRODUCT STYLES

Single Hung. Double Hung. Horizontal Roller. Casement. Awning. Picture Window. Sliding Glass Door. French Door.

FOLLOW US



@pgtwindowsdoors

“The engineering advancements we’ve applied to our WinGuard® product line allow us to offer larger sizes and higher design pressures — as well as our most beautiful profile ever.”

—KEN VANDERBENT
LEAD DESIGN ENGINEER



The Cover

**PREFERRED SLIDING
GLASS DOORS**

Preferred Sliding Glass Door SGD5570



Security through life's storms.

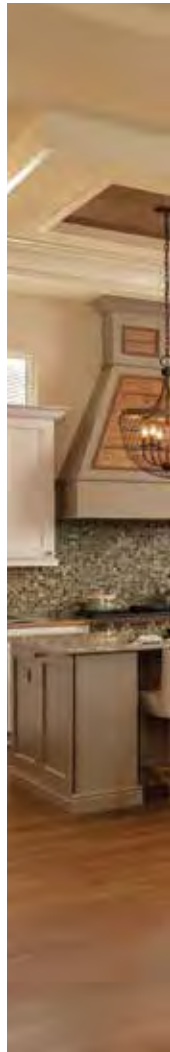
EFFORTLESS HURRICANE PROTECTION™

WHAT MAKES WINGUARD® SO STRONG?

When we talk about WinGuard® Vinyl's strength, we're referring to every component of the product. From the laminated impact-resistant glass and the energy-saving vinyl frame with our patented technology to the high design pressures these products can achieve. Strength is the central element of our design. For you, it means peace of mind, with protection from flying debris carried by hurricane-force winds. It means protecting your home from would-be intruders and damaging UV rays. And it means keeping outside noise where it belongs.

"The wind gusts [during Hurricane Irma] reached 100 mph, trees were bent 45 degrees, and we didn't hear a thing. It was like we were watching a thunderstorm on TV, and the TV was on mute."

—DERRICK O., CUSTOMER



PGT® WINGUARD® VINYL MAKES ENERGY-EFFICIENCY POSSIBLE

Each impact-resistant window and door comes standard with laminated insulating glass—a total of three panes. Two panes are bonded together with a strong, clear interlayer, providing impact resistance. A third pane provides added insulation.

Each window and door also features multi-chambered, vinyl frames and warm-edge spacer technology, contributing to its energy efficiency.

Enjoy further benefits from WinGuard® Vinyl with options to achieve ENERGY STAR® ratings, including:

- High-performance Low-E to deflect solar heat gain and keep unwanted heat outside your home.
- Glass tints can help reduce heat transmitted through windows.
- Argon gas, which helps reflect outside heat to regulate the temperatures inside your home.

ENERGY STAR® products are independently certified to save energy without sacrificing features or functionality. In order to earn the label, PGT® WinGuard® products are third-party certified based on testing in EPA-recognized laboratories. See the Glossary of Terms for more details on Low-E certifications and testing protocols.



T E S T I N G

Windows and doors put to the test.

OVER FOUR MILLION UNITS INSTALLED WITH ZERO REPORTED IMPACT FAILURES.



Following the devastation of Hurricane Andrew in 1992, PGT® collaborated with Florida building officials to develop stricter construction standards, resulting in the Miami-Dade Notice of Acceptance (NOA) — the most stringent building code in the country. As the nation's authority on impact-resistant windows and doors, PGT® Custom Windows + Doors offers vinyl products that have all been issued a Miami-Dade NOA, certifying they meet the highest level of structural integrity. In fact, our company holds the most NOAs in the country.

All PGT® products are continuously tested, certified, approved, and rated by the industry's most respected, accredited organizations. WinGuard® Vinyl certifications, ratings, and testing include:

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

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



WinGuard® products can withstand repeated impact from a 9-lb. 2 x 4 beam traveling at 34 miles per hour, followed by hurricane-force winds. Even if the glass is damaged, it remains securely in its frame, keeping the elements outside.

Additionally, we have our own state-of-the-art testing lab, where we spend hundreds of hours analyzing and evaluating our products. WinGuard® Vinyl windows and doors are designed to meet or exceed the International Building Code standards for:

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

We go through this testing, not only for your peace of mind but for ours as well. Our job is done only when you and your family are safe behind our products.

THIS SUPERIOR PERFORMANCE IS ALL BACKED BY ONE OF THE BEST WARRANTIES IN THE INDUSTRY.

WinGuard® Vinyl products include:

- Lifetime warranty on the frames
- Lifetime warranty on insulating glass component
- 10-year warranty on laminated glass component



Preferred Sliding Glass Door SGD5570 and
Fixed Lite Architectural Window AR5520

C U S T O M I Z A T I O N



The perfect fit for your home.

EVERY WINDOW AND DOOR FOR YOUR PROJECT.

Your style — and your home — is as unique as you. That's why we customize each of our products to fit your exact specifications. From product size and frame colors to style elements and glass performance, all WinGuard® products can be designed for a consistent look that reflects your home's personality.

WINGUARD® VINYL CUSTOMIZABLE OPTIONS INCLUDE:

- Sizes
- Flexible Designs
- Frame colors
- Hardware finishes
- Glass tints
- Grid styles, colors, and patterns
- High-performance Low-E
- Privacy glass
- Sea Turtle Protection Code glass option

See the Glossary of Terms for more details on some of the customizable options..

Make it personal.

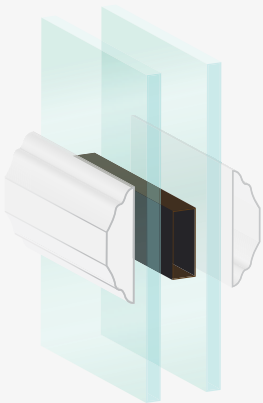
Standard Features

Adding unique value and energy efficiency to your project, WinGuard® Vinyl builds on the exceptional strength and impact-resistant benefits of the WinGuard® Aluminum line and incorporates the energy-efficient components of vinyl and laminated insulating glass. This line is ideal for new construction, remodeling, and replacement projects.

STANDARD INTERIOR AND EXTERIOR FRAME COLORS

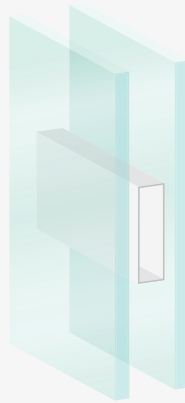
 White

Grid Styles



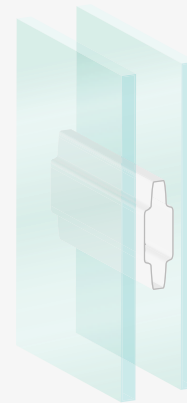
TRADITIONAL SIMULATED DIVIDED LITE GRIDS

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



FLAT GRIDS

- 9/16" wide or 13/16" wide flat grids between the glass

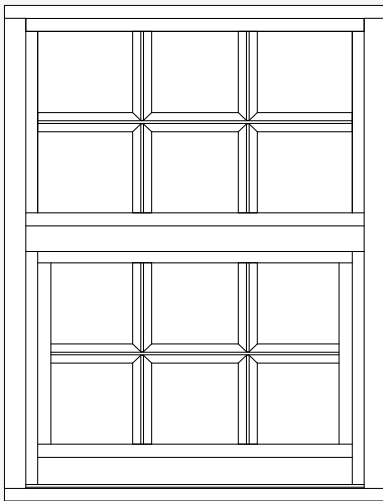


CONTOURED GRIDS

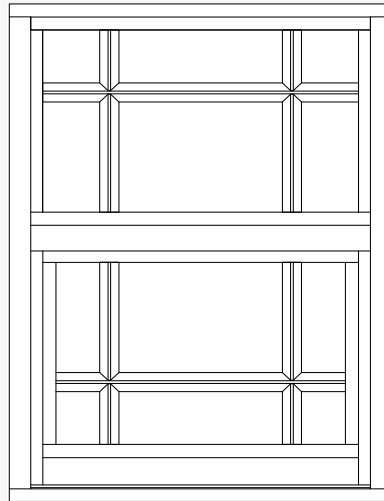
- 1" wide grid between the glass

EVERY PGT® PRODUCT COMES WITH ALL THE OPTIONS YOU NEED TO COMPLEMENT THE LOOK AND FEEL OF YOUR HOME.

Grid Patterns



STANDARD



BRITTANY / PRAIRIE

Premium Options

GLASS

- High-performance Low-E
- Heat-strengthened glass
- Privacy glass
- Popular glass tints
- Argon gas

FRAME COLORS*

- Bronze
- Black
- Beige

Custom frame colors are also available. See the Glossary of Terms for more details.

**Black is only available on the exterior for the Preferred French Door FD5555.*

W I N D O W S

Frame your views.

WITH SAFETY, BEAUTY,
AND STRENGTH.



Preferred Sliding Glass Door SGD5570





Casement CA5540 and Picture Window PW5540



SINGLE HUNG



DOUBLE HUNG

Single Hung (*SH5500*) and Double Hung (*DH5560*)

FLEXIBLE DESIGN

- Radius Top and Arch Top
- Proview/Oriel, Cottage and custom configurations are also available

EASY OPENING AND CLOSING

- Various balance systems for large, small and heavy sashes ensures effortless operation
- Constant Force or Spiral balance system
- ComfortLift handles

REMOVABLE SASH DESIGN

- Clean the exterior part of the window more easily

EXCEPTIONAL STRENGTH

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

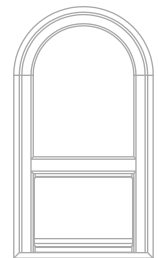
OPTIONAL HARDWARE

- Vent latch allows fresh air to enter the room without opening the window completely
- Window Opening Control Device delivers a deeper level of safety and security

Single Hung SH5500 and Preferred French Door FD5555



Single Hung
Radius Top with
Equal Sash



Single Hung Arch
Top with Proview/
Oriel Sash

Horizontal Roller (HR5510)

FLEXIBLE DESIGN

- 2- and 3-lite configurations

EASY OPENING AND CLOSING

- Ball bearing wheel allows for finger-smooth operation

REMOVABLE SASH DESIGN

- Clean the exterior part of the window more easily

EXCEPTIONAL STRENGTH

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

OPTIONAL HARDWARE

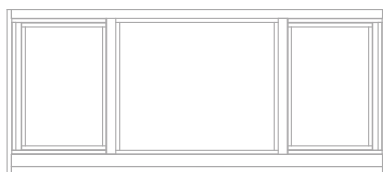
- Vent latch allows fresh air to enter the room without opening the window completely
- Window Opening Control Device delivers a deeper level of safety and security



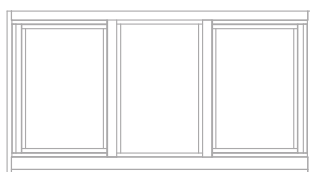
**HORIZONTAL ROLLER
(2-LITE)**



**HORIZONTAL ROLLER
(3-LITE)**



Unequal Lite



Equal Lite



Horizontal Roller HR5510



Casement CA5540

W I N D O W S

Casement (CA5540)

MODULAR DESIGN

- Single unit hinged for opening either left or right
- Matching Awning and Fixed Lite Picture Window

MULTI-POINT LOCKING SYSTEM

- Provides added strength and security

WASHABLE HINGE

- Allow for easy cleaning from inside your home

FOLDAWAY HANDLE

- Will not interfere with window treatments

EXCEPTIONAL STRENGTH

- TrueHold hinge ensures durable sash operation on larger windows

**CASEMENT**

Awning (AW5540)

MODULAR DESIGN

- Hinged along the top
- Individual vent units can be mulled vertically or horizontally for custom configurations
- Matching Casement and Fixed Lite Picture Window

MULTI-POINT LOCKING SYSTEM

- Provides added strength and security

FOLDAWAY HANDLE

- Will not interfere with window treatments

**AWNING**



PICTURE WINDOW

Fixed Lite Picture Window/Architectural (PW/AR5520)

FIXED (NON-OPERABLE) WINDOWS

- Often used as accent windows

MAXIMIZES THE VIEW

- Fills the room with a substantial amount of light
- Serves as a standalone or companion window

MODULAR DESIGN

- Available in a variety of architectural shapes and sizes



CASEMENT PICTURE WINDOW

Fixed Lite Casement Picture Window/Architectural (PW/AR5540)

FIXED (NON-OPERABLE) WINDOWS

- Often used as accent windows

MAXIMIZES THE VIEW

- Fills the room with a substantial amount of light
- Serves as a standalone or companion window

MODULAR DESIGN

- Matching Casement and Awning
- Available in a variety of architectural shapes and sizes





Awning AW5540, Picture Window PW5540,
and Preferred Sliding Glass Door SGD5570



Preferred Sliding Glass Door SGD5570

D O O R S

Close the door on hurricanes, stray golf balls, and would-be intruders.

“My sliding glass door is like the door to a bank vault. I knew my family and all my belongings would be safe during the hurricane.”

—DERRICK O., CUSTOMER





Preferred Sliding Glass Door SGD5570
and Picture Window PW5520

D O O R S

Preferred Sliding Glass Door (SGD5570)

AWARD-WINNING DOOR

- #1 in Quality Patio Doors*

EASY OPENING

- Smooth fingertip operation and whisper-quiet

PANORAMIC VIEWS

- Uninterrupted views and a great source of natural light

DUAL-POINT LOCKING SYSTEM

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

OPTIONAL ARCHITECTURAL ENHANCEMENTS

- Raised, curved, or contemporary handles

OPTIONAL SCREENS

- Standard or heavy-duty



PREFERRED SLIDING GLASS DOOR

STANDARD HARDWARE OPTIONS

Standard raised handle



PREMIUM HARDWARE OPTIONS

Contemporary handle



Curved handle



*2019 Builder Brand Use Report.



PREFERRED FRENCH DOOR

Preferred French Door (FD5555)

AWARD-WINNING DOOR

- #1 in Quality Patio Doors*

EASY OPENING

- Heavy-duty hinge supports the weight of the door

MULTI-POINT LOCKING SYSTEM

- Provides added strength and security

MODULAR DESIGN

- Fill large openings with matching sidelites and transoms that provide additional light

PREPPED FOR INDUSTRY-STANDARD HARDWARE

- Accommodates an array of handle and deadbolt hardware

STANDARD HARDWARE OPTIONS

Series 800 handle

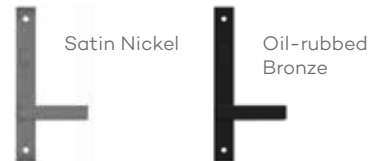


PREMIUM HARDWARE OPTIONS

Series 100 handle



Contemporary handle



*2019 Builder Brand Use Report.





GLOSSARY OF TERMS

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, usually expressed in pounds per square foot (psf). Equal to 2/3 of the Structural Test Load.

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 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.

IMPACT-RESISTANT: Shatter-resistant glass. When the glass breaks, the shattered pieces will adhere to the intermediate shatterproof membrane.

INSULATING GLASS: Window panes separated by an air or other gas-filled space to reduce heat transfer.

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: 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' traveling at 50 ft. per second is propelled at a speed of 34 mph into 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: Protocol for testing windows for impact by large or small missiles.

MULTI-CHAMBERED FRAME: Frame member that has multiple core construction to provide strength and insulation.

NATIONAL FENESTRATION RATING COUNCIL (NFRC): A non-profit organization that provides energy performance ratings on windows, doors, skylights, and attachment products.

OUTDOOR-INDOOR TRANSMISSION CLASS (OITC): An integer rating that provides an estimate of the sound insulation performance of a façade or building element (such as a window or door) between outdoor and indoor spaces. The higher the number, the less sound is transmitted.

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, side lights, and other hazardous locations. It cannot be recut after tempering (annealed: retains thermal stresses caused by quenching).

TEXAS DEPARTMENT OF INSURANCE (TDI): A governing organization in Texas that reviews window and door products and approves that such products are tested and certified in accordance with their policies.

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.

VINYL: A rigid or flexible material made of polyvinyl chloride material used in window and door frames and glazing.

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.

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.



Picture Window PW5540 and Casement CA5540



INVENT. BUILD. DELIVER.

A collection of the best brands in windows and doors coming together to invent, build, and deliver the highest-quality and safest products in the fenestration industry.

THE PGT INNOVATIONS FAMILY OF BRANDS



PGTWINDOWS.COM | N. VENICE, FL

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06/20 MC0100455

PGT® Residential Windows & Doors

Warranty

PGT Industries, Inc. ("PGT"), warrants to the original single family residential homeowner that any PGT manufactured window or door shall be free of material defects in manufacturing and/or materials for the period specified below. This warranty applies to the window/door under normal use and service, subject to the conditions and limitations herein listed, and for only so long as the original owner owns and resides in the home where the windows and doors are installed. **PGT'S LIABILITY UNDER THIS WARRANTY SHALL BE LIMITED TO THE REPAIR OR REPLACEMENT OF NONCONFORMING GOODS OR PARTS, AT PGT'S OPTION. PGT SHALL NOT BE RESPONSIBLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES THAT MAY ARISE OUT OF A CLAIM FOR BREACH OF THIS WARRANTY.**

This warranty covers only those manufacturing and material defects as specified herein and does not include defects or damages attributable to improper installation and or application of product, use or maintenance; normal weathering; highly corrosive environments; defects or damages caused by accident, fire, flood, acts of God, multiple hurricanes, water intrusion caused by wind-driven rain due to high wind events, vandalism, riot or civil disorder; building settlement or structural failures of walls or foundations; stresses resulting from localized heat which causes excessive temperature differentials over glass surface edges, or occurrences beyond PGT's control.

This warranty shall be null and void if harmful solvents are used to clean the frame and/or sash members, or if the frame and/or sash members are painted or coated in any way; or if any other "aftermarket" products are applied to the PGT product such as window films.

Caulking is used on some installations to seal the frames (or trim package) against water or air penetration. Caulking is not considered a part of the PGT product and therefore, is not covered under this warranty. Caulking is normally considered a maintenance responsibility of the owner.

PGT'S SOLE RESPONSIBILITY UNDER THIS WARRANTY IS LIMITED TO REPAIRING OR REPLACING (COLOR MAY VARY DUE TO AGE, WEATHERING OR DYE LOT DIFFERENCES), FREE OF CHARGE OR AT A PRORATED PRICE PER GUIDELINES OF THIS INSTRUMENT, ANY PART OR PARTS OF THE WINDOWS AND DOORS THAT DO NOT COMPLY WITH THE TERMS OF THIS WARRANTY. THE ORIGINAL WARRANTY PERIOD SHALL NOT BE EXTENDED BY SUCH REPAIR OR REPLACEMENT.

PGT reserves the right to discontinue or change the design and specification of any product it manufactures. Should the component of the window/door originally installed not be available, PGT shall have the right to substitute such part determined by PGT to be of equal quality and performance.

THIS WARRANTY COVERS ONLY THOSE PGT PRODUCTS INSTALLED IN OWNER-OCCUPIED RESIDENTIAL HOMES SPECIFICALLY LISTED BELOW.

	ClassicVue™ Series 200 ClassicVue Max™ Series 600	WinGuard® Aluminum Series 700/101H	EnergyVue™ Series 5400	WinGuard® Vinyl Series 5500
Basic Coverage	3 years	10 years	Lifetime 10 years - Colored/Laminated frame finishes	Lifetime 10 years - Colored/Laminated frame finishes
Hardware, Screen and Moving Parts	3 years	5 years 10 years on PVD and Stainless Steel Hardware	Lifetime	Lifetime
Insulating Glass	0 – 25 years: 100% 26 years +: 50% of glass price	0 – 25 years: 100% 26 years +: 50% of glass price	0 – 25 years: 100% 26 years +: 50% of glass price	0 – 25 years: 100% 26 years +: 50% of glass price
Laminated Glass	Not applicable	10 years	Not applicable	10 years
Stress Cracks	1 year	1 year	1 year	1 year

IMPORTANT COVERAGE INFORMATION:

Frame

The aluminum components of the frame/sash members are warranted to be free of defects in materials and workmanship after the date of delivery by PGT. It is typical for anodized products to have color variation and processing marks that occur during manufacturing. These are not considered defects or covered under the warranty. Warranty is null and void if any aluminum component has direct contact with a copper treated wood, such as Alkaline Copper Quaternary (ACQ). The vinyl components of the frame/sash members are warranted against defects resulting from blistering, chipping, cracking, peeling, corroding or pitting. Colored or laminated exterior and interior finishes are warranted against peeling, blistering or excessive color changes. Warranty is null and void if damage is caused by harmful cleaners, or other chemical, or environmental factors.

Hardware, Screen and Moving Parts

PGT warrants that mechanical operation of hardware, screen and moving components will be free of material defects and workmanship. Normal wear and tear and naturally occurring changes such as tarnish, corrosion, oxidization or discoloration of hardware finishes or component parts are not considered defects and are specifically excluded from this warranty.