

PGT® EnergyVue®
VINYL

NON-IMPACT

A LIFE YOU DESIGN.
THE FREEDOM YOU DESERVE.



ABD Homes
Heritage Green
Davenport, FL

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Live the life you want in a custom-detailed home that offers you and your family beauty and energy efficiency 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 windows and doors provide exceptional durability and quality construction to elevate your home and lifestyle.

That's the freedom of PGT.

Designed to deliver long-term savings



MADE TO BOOST ENERGY PERFORMANCE

This innovative non-impact line provides superior insulation that helps keep energy bills low.

\$563

ENERGY STAR® rated products have an average decrease of 13% on their energy bills depending on single pane or double pane replacement (e.g. \$563 annual savings for an average home in the Southern zone).¹



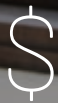
RETURN ON INVESTMENT WITH CURB APPEAL

Every window and door is customized to meet your home's requirements with a variety of custom frame colors, glass tints, and more.

#7

ranked remodeling activity for ROI²

SH5400 Single Hung
SGD5470 Sliding Glass Door
PW5420 Picture Window



RECOUP COSTS AND RESALE VALUE

Updating your home with vinyl windows and doors delivers exceptional value.

—
67.1%

Cost recouped for vinyl window replacement projects, based on 2024 national averages for remodeling projects.³



PROTECTION FROM FADING

UV coatings provide an easy, economical way to protect your expensive home furnishings from the damaging effects of the sun while allowing you to enjoy the beauty and brilliance of natural light.

—
99%

of harmful UV rays* are blocked with PGT's UV Performance Coating reducing heat buildup in your home and saving cooling costs.

*Below 380 nm

1. https://www.energystar.gov/products/res_windows_doors_skylights

2. 2023 Cost vs Value Report, MetroStudy (Hanley Wood)/Remodeler Magazine

3. Based on Zonda Media report (2024)

Innovation for a lifetime

PGT has led the industry for more than 40 years by improving quality standards, pushing innovation, and delivering renowned energy-efficiency performance.

OUTSIDE PANE

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

THERMOPLASTIC SPACER (TPS)

Our unique thermoplastic warm edge spacer and sealant system is air-tight, maintaining thermal insulation and reducing condensation and the risk of seal failures.

INSULATING AIR SPACE

Acts as a barrier to slow heat transfer and reduce noise. Argon gas can add even greater energy efficiency. Can help meet ENERGY STAR® v7.0 standards with energy-efficient upgrades.

LOW-E PERFORMANCE COATING

A molecular bonded coating on the glass surface reduces energy loss in your home, saving on heating and cooling costs. Available in a range of tints to reduce light penetration even in the sunniest of regions.

INSIDE PANE

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

MULTI-CHAMBERED VINYL FRAMES

Resist warping and other damage for energy efficient performance that lasts for years to come.

WELDED SASH CORNERS

Creates a strong seal to ensure optimal performance on any sized window or door.



Always On Energy Efficiency

EnergyVue comes standard with insulating glass that deflects solar gain and offers advanced energy-saving performance. There are many options to maximize efficiency and achieve ENERGY STAR® 7.0 ratings. Speak to your local dealer for options.

Strength for High Design Pressures

Enhanced strength at larger sizes and higher design pressures to meet the needs of your home.

Hours of Testing

Our team oversees each step of the glass production process and tests finished batches multiple times per day to ensure the final product meets the highest standards.

Certified & Approved

EnergyVue products are continuously validated by our industry's accredited organizations. The certifications we earn are your assurance that our products will perform as expected.

Certifications & Ratings:

National Fenestration Rating Council
Miami-Dade Notice of Acceptance (NOA)
Florida Product Approval
Texas Department of Insurance
AAMA Tested/Keystone Certified
ENERGY STAR®

Meets or exceeds the Fenestration Testing Requirements specified in the International Building Code.

Elevated style. Designed for customization.

Vinyl windows and doors are a top choice for homeowners who want higher efficiency – and lower energy bills. EnergyVue combines the high quality and customization that PGT is known for with the exceptional benefits of vinyl: excellent insulation, low maintenance, and great durability.

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 frame, insulating glass unit, hardware, screen, and moving parts.



Many PGT EnergyVue products meet ENERGY STAR® 7.0 ratings. Talk to your local dealer for more information.

PGT® ENERGYVUE® DOORS



Sliding Glass Doors

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

Pages 16-17



French Door

Pairing elegance and high functionality, this French door can be equipped with European-style hardware and is available with matching sidelites.

Pages 18-19



Single Hung Window

Raised from the bottom with a fixed top sash, our Single Hung window offers ventilation and effortless protection in a traditional style that can be used throughout the home.

Page 22



Double Hung Window

Removable top and bottom sashes maximize ventilation in your home and make exterior cleaning easier than ever. An ideal match for lanais, patios, and sunrooms.

Page 23



Casement Window

Hinged at the side for maximum ventilation, this window's foldaway handle prevents interference with your curtains. Pair with Awning, Picture, or Architectural windows.

Fixed Lite Casement Picture/ Architectural Window

Pages 24-25



Horizontal Roller Window

The modern style of this easily operated window is perfect for kitchens, bathrooms, and more.

Page 26



Awning Window

Designed for use in high spaces, this beautiful-yet-functional window is designed to prevent rain from entering, while providing outstanding ventilation and light.

Page 27



Fixed Lite Picture Window

A non-operable window that enhances the look of living rooms, kitchens, and master bedrooms with maximum, unobstructed sightlines.

Page 28



Fixed Lite Architectural Window

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

Page 29

A close-up, high-contrast photograph of a dark, textured metal handle on a sliding glass door. The handle is positioned vertically, with a horizontal grip section at the top. The background is blurred, showing a bright light source and a window frame.

CUSTOMIZED TO YOUR EXACT STYLE AND STANDARDS

Each PGT EnergyVue 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.

SGD5470 Preferred Sliding Glass Door

FRAME COLORS

Custom frame colors are also available. Multi-chambered frame provides outstanding quality and durability to withstand the elements.

Black *(Not available on FD5455)*

Bronze

Beige

White

Two Tone Options:

Black exterior/white interior

Bronze exterior/white interior

SCREENS

Fiberglass Screen Mesh



18x16

Charcoal

BetterVue® *(Optional)*

Insect screening with

Water Shed Technology™



GLASS OPTIONS

With thousands of glazing options possible, you can create the right look for any window shape, size, or style. The insulation of EnergyVue vinyl products can be further enhanced with many options, including gas fills, tints, and coatings to achieve ENERGY STAR® 7.0 ratings.

Argon Gas

Windows can be filled with colorless and odorless argon gas to help insulate a room and reduce 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

Tempered Glass

Higher surface compression makes tempered glass more temperature tolerant

Insulating Glass

Composed of two panes of glass separated by air or other gas to reduce heat transfer. Many customizations available

Privacy Glass

Obscure glass

GRID TYPES



Traditional Simulated Divided Lite Grid

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



Flat Grid

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



Contour Grid

1" wide grid between the glass

GLASS TINTS



Clear



Bronze



Gray



Green



Azure Blue



Solarcool® Bronze



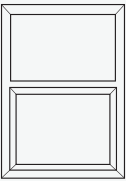
Graylite® II



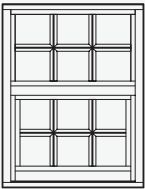
Turtle Glass

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

GRID STYLES

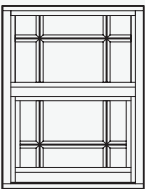


None



Colonial

(Many patterns available)



Brittany / Prairie

(Not available for AR5420 or AR5440)

SLIDING GLASS DOOR HARDWARE OPTIONS

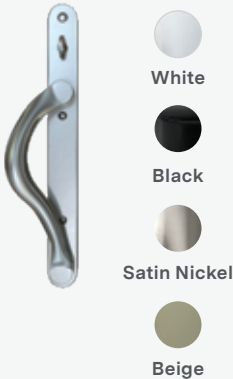
Raised
(Standard)



Contemporary
(Available on SGD5470 only)



Curved
(Available on SGD5470 only)



Modern
(Available on SGD5470NS only)



Beveled
(Available on SGD5470NS only)



FRENCH DOOR HARDWARE OPTIONS

Standard



Curved



Contemporary



PGT® ENERGYVUE®

VINYL DOORS



SGD5470
Sliding Glass Door

Created to bring comfort and confidence.

We make EnergyVue doors to elevate the performance of your home for years to come. You'll feel the confidence of quality each time you open them and the comfort of superior insulation when they're closed.



Ease of Operation

Heavy-duty hardware and rollers provide easy opening



Low Maintenance

High-quality vinyl is easy to clean and resistant to scratching, warping, and other damage



Durable

Sturdy vinyl frame provides added strength, allowing for larger door sizes



Sliding Glass Door

Preferred View Sliding Glass Door
SGD5470NS



French Door

Preferred French Door
FD5455

Sliding Glass Door



Ease of Operation

Rollers provide smooth and durable movement



Maximizes Viewing Area

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

SGD5470

Preferred Sliding Glass Door

Configurations

- 4.28" Stile Width
- Bypass, Pocket, and 90° or 135° 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 nominal panel size: 5'w x 8'h or 4'w x 10'h

SGD5470NS

Preferred View Sliding Glass Door

Configurations

- 2.5" Stile Width
- Bypass, Pocket, and 90° Corner
- Up to 8 panels with expansions of up to 40"

Screens

- Standard or heavy-duty

Dimensions

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



SGD5470NS Preferred View Sliding Glass Door

SGD5470 AND SGD5470NS
Track Height Dimensions



Standard 1.680" height

Sill Risers: 2.5", 3.5", 4.0625", 4.625"

Sill risers guard against water intrusion

SGD5470
Roller Options



Nylon for a quieter option (*Shown Above*)

Steel

Stainless Steel



SGD5470
ABD Homes
Heritage Green
Davenport, FL

French Door



Ease of Operation

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



Exceptional Quality

#1 in quality patio doors in America*

FD5455

Preferred French Door

Configurations

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

Modular Design

→ Optional sidelites and transoms allow design flexibility

3-Point Stainless Steel Locking System

→ Provides an unmatched level of strength and security

Prepped for Industry-Standard Hardware

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

Hardware Options

→ Satin Nickel
→ Oil-Rubbed Bronze

*Based on report per Builder (2019).

Builder Online, *2019 Builder Brand Use Study Results* (accessed October 15, 2024), available at https://www.builderonline.com/products/2019-builder-brand-use-study-results_o.





FD5455 French Door

PGT® ENERGYVUE®

VINYL WINDOWS

ABD Homes
Heritage Green
Davenport, FL

Quality and performance that doesn't quit.

PGT EnergyVue windows provide superior quality that's made to last. Easily operated, these non-impact products can transform any room with comfort and customized style.



Ease of Operation

Smooth operation for easy and quiet opening and closing



Low Maintenance

High quality delivers performance that lasts



Durable

Made to withstand corrosion from salt, water, heat, light, and moisture



Single Hung Window
SH5400



Double Hung Window
DH5460



Casement Window
CA5440



Horizontal Roller Window
HR5410

**Fixed Lite Casement Picture/
Architectural Window**
PW/AR5440



Awning Window
AW5440



Fixed Lite Picture Window
PW5420



**Fixed Lite
Architectural Window**
AR5420

Single Hung Window



Flexible Design

Custom design configurations with exceptional strength



Easy Opening

Balance system allows for smooth operation



Configurations



Equal



Proview



Cottage

Easy Opening & Closing

- ComfortLift handles
- Various balance systems for large, small, and heavy sashes ensures effortless operation

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

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*)

Sash Options (Additional options are available. Please inquire.)



Single hung radius top with equal sash



Single hung arch top with proview/oriel sash

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

Double Hung Window



Added Strength

Welded sash corners create a strong seal for durability



Easy Opening

Balance system allows for smooth operation



Configurations



Equal



Proview



Cottage

Easy Opening & Closing

- ComfortLift handles
- Various balance systems for large, small, and heavy sashes ensures effortless 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

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

Built with an innovative multi-point locking system



CA5440 Casement Window

Modular Design

- Versatile left or right opening
- Pair with a matching Awning and Fixed Lite Casement Picture Window for design flexibility

Multi-Point Locking System

- Provides added strength and security

Exceptional Strength

- TrueHold hinge ensures durable sash operation on larger windows

Hardware Options

- Foldaway handle won't interfere with window treatments
- Washable hinge for easy cleaning from inside the home
- Window Opening Control Device that delivers a deeper level of safety and security (Certified to ASTM F2090*)

PW5440/AR5440 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 a variety of architectural shapes and sizes

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



CA5440 Casement Window

Horizontal Roller Window



Design Versatility

Available in 2- and 3-lite configurations



Easy Opening and Closing

Ball bearing wheel provides smooth, durable operation



Configurations

- Equal Lite
- Unequal Lite

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

Low-Profile Sweep Lock

- Adds an extra level of security
- Maximizes the view

Removable Sash Design

- Clean the exterior part of the window more easily

Hardware Options

- Vent latch allows fresh air in without opening window completely
- Window Opening Control Device that delivers a deeper level of safety and security (Certified to ASTM F2090*)

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

AW5440

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

→ Matching Casement and Fixed Lite
Casement Picture Windows

Hardware

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



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 accent window
- Allows flexibility in design for multiple window assembly 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 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 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.



Half Circle



Octagon



Circle



Trapezoid



Arch



Eyebrow

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

What makes PGT® products worth the investment?

It's the energy efficiency and comfort you'll enjoy the day they're installed. It's the peace of mind knowing they're designed for exceptional value. And it's the money you'll save and gain — in reduced energy bills with ENERGY STAR® rated products* and increased home value**.

PGT delivers those benefits and returns on your investment.

*Environmental Protection Agency, ENERGY STAR®, *Residential Windows, Doors, and Skylights* (accessed November 18, 2024), available at https://www.energystar.gov/products/res_windows_doors_skylights

**Survey pool consist of 104 homeowners/customers.

John Burns Real Estate Consulting LLC (2020), *Consumer Survey: Impact-Resistant Window and Door Perception Survey* (unpublished), created for research report created for PGT Innovations (September 23).



ABD Homes
Heritage Green
Davenport, FL

PARTNER SPOTLIGHT

PGT® is proud to feature properties of impeccable design and function using our products. Get inspired or find out more about our partners.



Scan the QR code to learn more about our partners and how you can benefit.



The homes shown in this brochure are a collaboration with the PGT® Corporate Builder Program.

GLOSSARY

Argon Gas — A safe, odorless, colorless, non-toxic, non-flammable inert gas that is commonly used in place of air between the glass panes of an insulating 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 doors.

Florida Product Approval — A statewide approval system that requires manufacturers to submit testing and engineering data to ensure certain building components meet Florida Building Code standards.

Forced-Entry Resistance — The test methods intended to establish a measure of resistance for window assemblies subjected to attacks, other than by impact.

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

Insulating Glass — Window panes separated by an air- or other gas-filled space to reduce heat transfer.

Interlayer — A shatter-resistant plastic membrane sandwiched between two panes of glass.

International Building Code — A model building code developed by the International Code Council that has been adopted throughout most of the United States.

Laminated Glass — Two panes of glass bonded together with a strong, clear interlayer.

Laminated Insulating Glass — Comprised of three panes of glass: two panes bonded together with a strong, clear interlayer and one pane for added insulation.

Large-Missile Impact — Test used on windows and doors in which a 9-lb. 2' x 4' is propelled at a speed of 34 mph onto test subject.

Low-E (Emissivity) Glass — Glass with a transparent, metallic oxide coating applied onto or into a glass surface. The coating typically allows short-wave energy to pass through but reflects long-wave infrared energy, which improves the U-value.

Miami-Dade Notice of Acceptance (NOA) — A certification method controlled by Miami-Dade County that requires products to be tested to the TAS testing protocols.

Monolithic Glass — A single pane of glass casting using one glass thickness.

National Fenestration Rating Council (NFRC) — A non-profit organization that provides energy performance ratings on windows, doors, skylights, and attachment products.

Privacy Glass — Glass that has been made translucent instead of transparent.

Sea Turtle Protection Code — Protects sea turtles along the Florida coastline during nesting season by restricting the amount of light permitted through windows and doors.

Sound Transmission Class (STC) — An integer rating that provides an estimate of the sound insulation performance of an interior building partition (such as a window or door) between indoor spaces. The higher the number, the less sound is transmitted.

Tempered Glass — Treated glass that is strengthened by reheating it to just below the melting point and then suddenly cooling it. When shattered, it breaks into small pieces. Approximately four times stronger than standard annealed glass; is required as safety glazing in patio doors, entrance doors, sidelites, and other hazardous locations. It cannot be recut after tempering.

Ultraviolet (UV) — The invisible rays of the spectrum that are outside of the visible spectrum at its short-wavelength violet end. Ultraviolet rays are found in everyday sunlight and can cause fading of paint finishes, carpets, and fabrics.

Window Opening Control Device (WOCD) — 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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PGT® Products

At PGT®, we're committed to delivering windows and doors you can rely on with *Always On Efficiency*. Contact your local dealer today to get started.



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