

EnergyVue®

VINYL
NON-IMPACT

P&G EnergyVue®

BUILT WITH CLEAR PURPOSE.

Beautiful energy efficiency.



Preferred French Door FD5455



Casement Picture Window PW5440 and Awning AW5440



Preferred French Door FD5455



PGT ENERGYVUE® VINYL

The beauty of windows and doors is in more than just their exterior design. It's how they improve your home on the inside. That's why at PGT® Custom Windows + Doors, we believe in doing more. It's also why we have been dedicated to providing homeowners with custom windows and doors that fit their unique lifestyles. It's why we build with care.

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

Combining style with long-term savings.



CREATED WITH YOUR DAILY LIFE IN MIND.

In this line you can find beautiful, durable windows and doors, all with exceptional insulation that keeps energy bills low. Because EnergyVue® features a complete suite of customizable products, you don't need to shop multiple brands and product lines to find the perfect energy-saving windows and doors for your project.



Preferred Sliding Glass Door SGD5470



PERFORMANCE

EnergyVue® offers durable, energy-efficient vinyl windows and doors, built with clear purpose.



TESTING

Our windows and doors are tested relentlessly to confirm that they meet exacting standards.



CUSTOMIZATION

No two projects are the same. That's why we tailor each window and door to your specifications.



ENERGYVUE® FEATURES

EnergyVue® products come with a full suite of standard features for built-in energy efficiency and durability.



15 / GRID STYLES AND PATTERNS

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



18 / PRODUCT STYLES

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

FOLLOW US



@pgtwindowsdoors

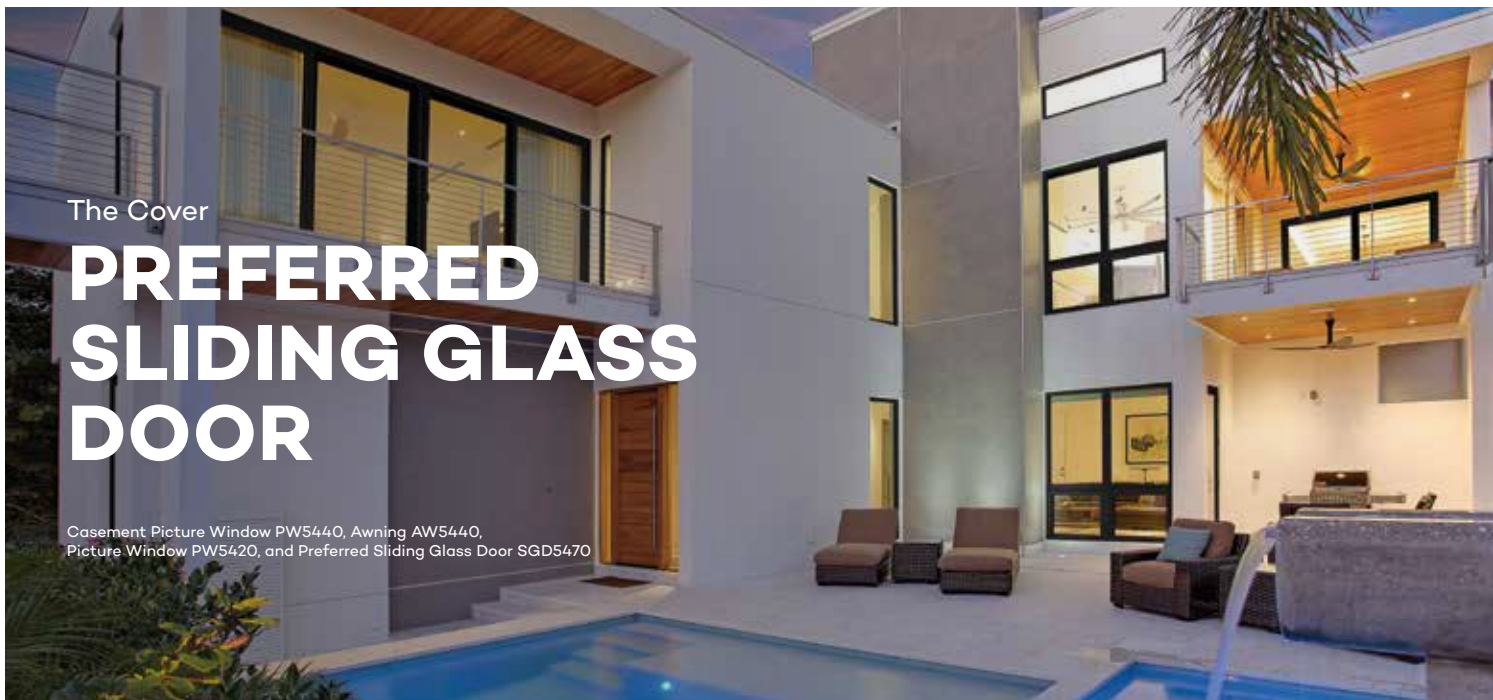
“We engineer the kind of windows and doors we want in our own homes: beautiful and durable.”

—KEN VANDERBENT
LEAD DESIGN ENGINEER

The Cover

PREFERRED SLIDING GLASS DOOR

Casement Picture Window PW5440, Awning AW5440,
Picture Window PW5420, and Preferred Sliding Glass Door SGD5470



P E R F O R M A N C E



Keeping you more comfortable year round.

EASY ON YOUR ENERGY BILL.
EASY ON YOUR WALLET.

WHAT MAKES ENERGYVUE SO ENERGY-EFFICIENT?

It's an intelligent combination of multi-chambered vinyl frames and thick, coated insulating glass that deflects solar heat gain. Combine these standard features with our custom options, and you can also achieve ENERGY STAR® ratings to reduce your bills even more.



MAXIMIZE ENERGY SAVINGS WITH THESE PREMIUM OPTIONS:

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

OUR PRODUCTS COMPLETE YOUR HOME FOR YEARS TO COME:

PGT® EnergyVue® windows and doors deliver much more than beauty and energy efficiency. Our products are engineered to:

- Prevent rotting, warping, splintering, or the need to paint
- Not absorb moisture
- Withstand harsh conditions
- Provide low-maintenance and easy cleaning
- Protect against temperature transfer

See the Glossary of Terms for more details.



Preferred Sliding Glass Door SGD5470,
Single Hung SH5400, and Picture Window PW5420

TESTING

Windows and doors put to the test.

WE WORK WITH A CLEAR PURPOSE TO GIVE YOUR FAMILY THE VERY BEST.



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. EnergyVue® 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.



Single Hung SH5400



Additionally, PGT® Custom Windows + Doors has its own state-of-the-art testing lab, where we spend hundreds of hours analyzing and evaluating our products. EnergyVue® windows and doors are designed to meet the International Building Code for:

- Air infiltration
- Water resistance
- Deglazing
- Forced-entry resistance
- Structural integrity

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 living comfortably behind our windows and doors.

WE STAND BEHIND OUR PRODUCTS.

PGT® EnergyVue® products include:

- Lifetime warranty on frames
- Lifetime warranty on insulating glass component



Preferred Sliding Glass Door SGD5470

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



Designed to match your home's unique style.

EVERY WINDOW AND DOOR FOR YOUR PROJECT.

Every new home construction and remodeling project is unique. 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 EnergyVue® products can be designed for a consistent look that reflects your home's personality.

See the Glossary of Terms for more details.

ENERGYVUE® PRODUCTS ARE AVAILABLE WITH A VARIETY OF OPTIONS, INCLUDING:

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

Make it yours.

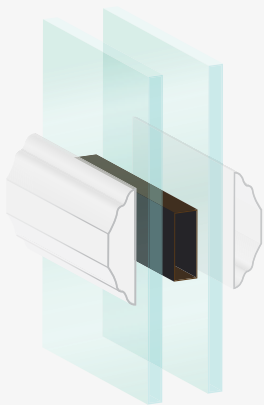
Standard Features

PGT® EnergyVue® windows and doors come standard with white frames and clear, insulating glass. Glass used in EnergyVue® doors is also tempered for additional safety, and operable windows include a convenient screen mesh. All EnergyVue® products are ideal for new construction and remodeling projects.

STANDARD INTERIOR AND EXTERIOR FRAME COLORS

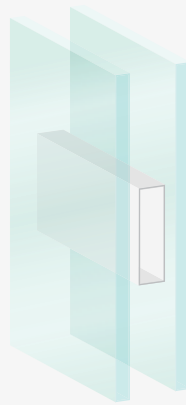
● White

Grid Styles



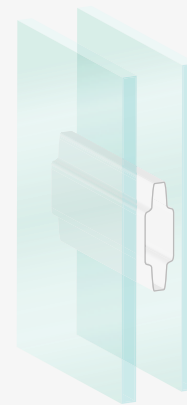
TRADITIONAL SIMULATED DIVIDED LITE GRIDS

- 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

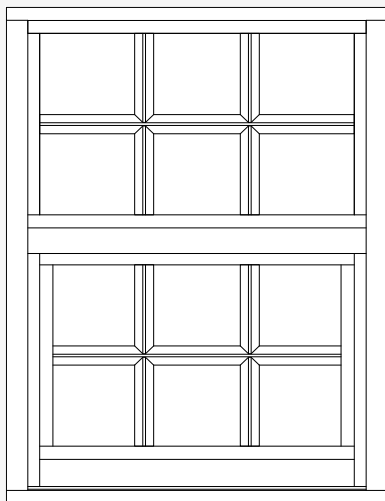


CONTOURED GRIDS

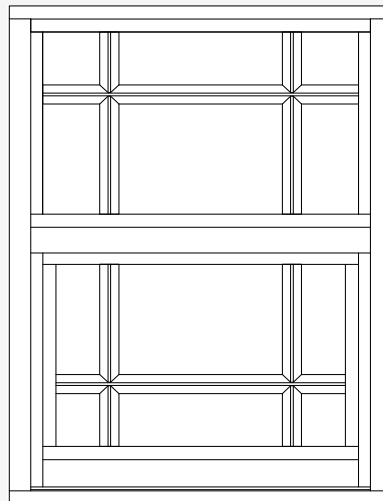
- 1" wide grid between the glass

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 FD5455.*



Preferred Sliding Glass Door SGD5470, Picture Window PW5440, and Awning AW5440

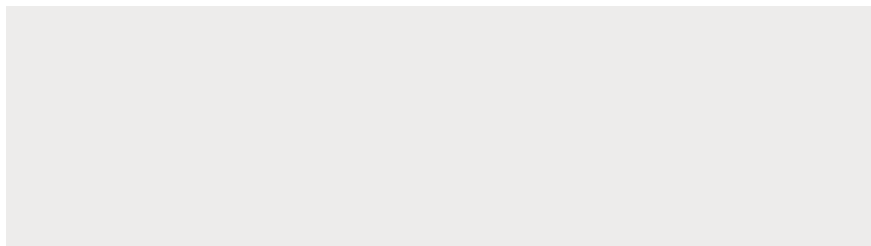
W I N D O W S

Embrace your view.

LIVE IN COMFORT AND
ELEGANCE.



Picture Window PW5420 and Preferred French Door FD5455





SINGLE HUNG



DOUBLE HUNG

Single Hung (*SH5400*) and Double Hung (*DH5460*)

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

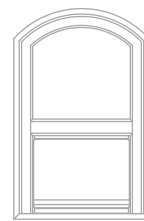
EXCEPTIONAL STRENGTH

- 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

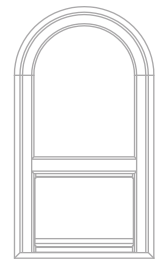
OPTIONAL HARDWARE

- 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 SH5400 and French Door FD5455



Single Hung
Radius Top with
Equal Sash



Single Hung Arch
Top with Proview/
Oriel Sash

Horizontal Roller (HR5410)

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

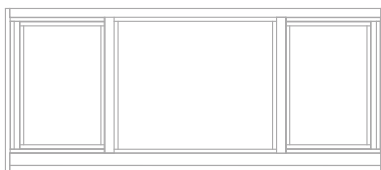
- Vent latch allows fresh air to enter the room without opening the window completely
- Window Opening Control Device delivers a deeper level of safety and security



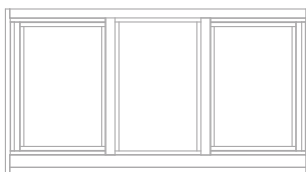
**HORIZONTAL ROLLER
(2-LITE)**



**HORIZONTAL ROLLER
(3-LITE)**



Unequal Lite



Equal Lite

Horizontal Roller HR5410





Casement CA5440, Picture Window PWS420,
and Preferred French Door FDS455

W I N D O W S

Casement (CA5440)

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 (AW5440)

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/AR5420)

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



Half Circle



Eye brow



Arch



Trapezoid



CASEMENT PICTURE WINDOW

Fixed Lite Casement Picture Window / Architectural (PW/AR5440)

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



Half Circle



Eye brow



Arch



Trapezoid



Casement Picture Window PW5440 and Casement CA5440

D O O R S

Step into comfort.

THROUGH EXPANSIVE
DOORS.





Preferred Sliding Glass Door SGD5470



Preferred Sliding Glass Door SGD5470

D O O R S

Preferred Sliding Glass Door (SGD5470)

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 box



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 (FD5455)

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



Satin Nickel



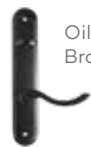
Oil-rubbed Bronze

PREMIUM HARDWARE OPTIONS

Series 100 handle



Satin Nickel



Oil-rubbed Bronze

Contemporary handle



Satin Nickel



Oil-rubbed Bronze

*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.

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.

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

INTERNATIONAL BUILDING CODE: A model building code developed by the International Code Council that has been adopted throughout most of the United States.

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.

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.





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



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