ProVia
THE PROFESSIONAL WAY

ECOLITE WINDOWS
& PATIO DOORS



# ECOLITE™
# WINDOWS & PATIO DOORS





SHOWN ON THE COVER
White ecoLite™ Single Hung Window

SHOWN ON THIS PAGE
White ecoLite 2-Lite Sliding Patio Door

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# THE PROFESSIONAL WAY

ProVia® caters to a niche within the window and door market that demands a high degree of customization coupled with outstanding quality. Our company defines the products that meet this demand as "professional-class." We have found success by adhering to a set of core values that guide us as we develop rewarding, long-term relationships with our employees, customers and homeowners.

**Our Mission: To Serve, By Caring for Details In Ways Others Won't**

**DOORS | WINDOWS SIDING | STONE | ROOFING**

**Doing Business Since 1977**

**2,200+ Associates Nationwide**

**Multi-Time ENERGY STAR Partner of the Year Award Winner**

**Serving Alongside "8 Days of Hope" helping Rebuild Homes, Communities and Lives**

**2,425,000 sq. ft Total Manufacturing / Warehouse Space**

**12,000 Tons of Metals, Paper, Glass and Vinyl (Window and Siding) Recycled Annually**

## INDUSTRY ASSOCIATIONS, ACCREDITATION AND TESTING

ProVia actively engages with leading industry organizations such as the Window & Door Manufacturers Association (WDMA), the Fenestration and Glazing Industry Alliance (FGIA), and the National Fenestration Rating Council (NFRC).

Through its membership in WDMA, ProVia collaborates on standards and advocacy efforts to advance the window and door industry.

Involvement with FGIA allows ProVia to stay at the forefront of glazing and fenestration technology, benefiting from shared research and best practices.

ProVia's participation in NFRC ensures that through voluntary third-party testing, their products meet rigorous energy performance and rating standards, reflecting their commitment to sustainability and quality.



White Single Hung ecoLite™ Windows

# SUNSHIELD® VINYL

## *Your Versatile Window Solution*

EcoLite™ windows are constructed of SunShield vinyl, made with a compound proven to perform better than alternative building materials. SunShield weathers the toughest conditions — from coast to coast, and everywhere in between.

**SIMPLY THE BEST FORM OF PVC AVAILABLE**

SunShield is the industry's most high-performing vinyl compound for color retention and impact resistance. It's a proprietary formula that's laboratory-proven to perform better than alternative building materials.

- Vinyl is the low-maintenance choice for residential use.
- The vinyl compound is uniquely formulated to withstand the harsh effects of weather, UV light and southern exposure.
- Pharmaceutical-grade compounding and blending systems provide consistency, so you can rely on superior color and weatherability.
- Industry partnerships and on-going research into new technologies ensure the vinyl compound exceeds industry standards, outperforms the competition, and works together to offer best-in-class technology.
- Resistant to rot, insect, and microbial damage.
- Never requires painting.
- Easy to clean with common household cleaners.
- 100% Recyclable for a more sustainable future.
- Helps to reduce your heating and cooling costs with nearly 1,600 times the thermal efficiency of aluminum windows.
- Resistant to water and light for uniform quality and color over time.





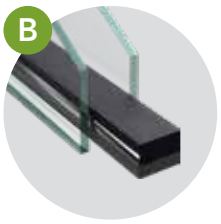

# WINDOW FEATURES




## The Components



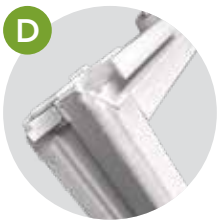

### FRAME
EcoLite™ windows are constructed with a 3¼" white vinyl frame. Both the sash and frame are welded for increased strength.




### GLASS PACKAGE
EcoLite windows feature a ¾" Low E with Argon Insulated Glass (IG) Unit utilizing a flexible foam spacer.




### HARDWARE
Two surface-mounted sweep locks and tilt latches are added to both lock and tilt the sashes inward.




### DUAL BARRIER-FIN WEATHERSTRIPPING
This weatherstripping provides a barrier against air, water, dust and noise.




### ACCESSORIES
An accessory groove is located on the interior and exterior of the window, providing a way to snap in different trim options.




### ROLL FORMED SCREEN WITH BETTERVUE® MESH
This fiberglass mesh is very durable and flame retardant, providing an enhanced view, increased insect protection and improved airflow.




### EXTRUDED SLOPED SILL
The sill is integrated into the window, providing a way for water to easily drain to the exterior of the home.




### EXTERIOR GLAZING
The glazing bead is located on the exterior of the window to provide an overall cleaner look from the interior of the home.

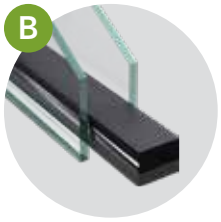
# PATIO DOOR FEATURES




## The Components




**FRAME**
Welded white 3 13/16" frame with integrated nail fin and reinforced mechanical sash




**GLASS PACKAGE**
EcoLite patio doors feature a 1" Low E with Argon Insulated Glass (IG) Unit utilizing a flexible foam spacer with tempered glass.




**HARDWARE**
White, single point hardware with no keylock is standard. Handleset with keylock is optional.




**SLIDING SYSTEM**
Patented sliding system feature with four adjustable 1" wheels



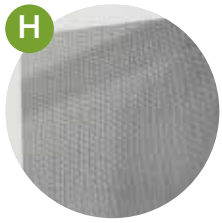

**PROFILE**
Strong, multi-chamber profile with interior and exterior accessory grooves




**SILL**
Bottom sill protector for optimal drainage




**FOOTLOCK (OPTIONAL)**
This secondary security feature locks the active sash at the sill in two positions: completely closed or slightly open to allow air in.

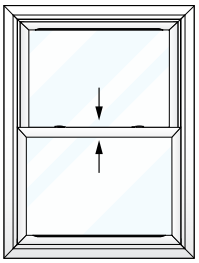



**SCREEN**
EcoLite patio doors feature an aluminum screen frame with bottom track operation and BetterVue® fiberglass mesh.

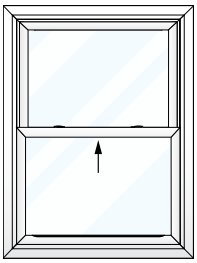
# TYPES

## Windows

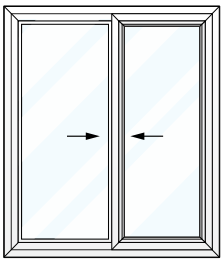
DOUBLE HUNG



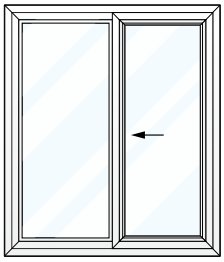
SINGLE HUNG



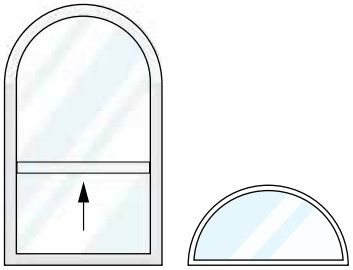
SLIDER



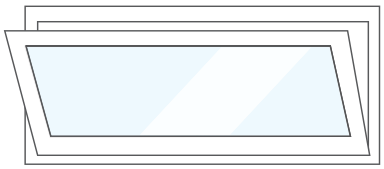
SINGLE SLIDER



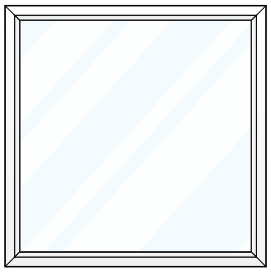
ARCHITECTURAL SHAPES



HOPPER

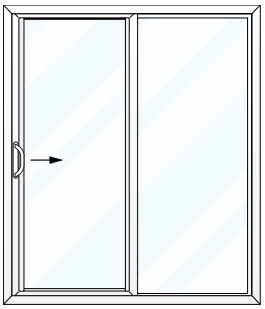


PICTURE



## Patio Doors

2-LITE



Available Sizes:
72" x 80"
60" x 80"
No Sidelites or Transoms

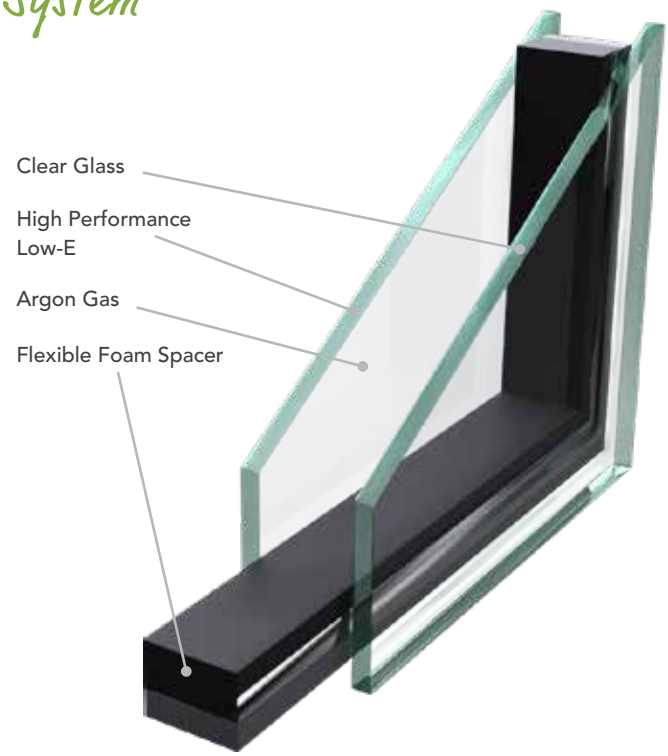


# GLASS PACKAGE

## *Featuring Flexible Foam Spacer System*

The flexible foam spacer is the seal that keeps the glass package in windows and patio doors from failing. It is a dual-seal insulating glass system. This non-metal, structural foam spacer resists condensation, reduces energy costs, provides long-life durability and adds both comfort and value to your windows and patio doors.

A flexible foam spacer is better able to ensure NFRC ENERGY STAR® certification by providing the best thermal conductivity, the lowest U-Factor among dual-seal systems and the best durability available in the industry. The all-foam formula blocks the heat escape path, improves sound absorption over traditional metal spacers and lasts up to nine times longer in durability tests than single-seal units. It also reduces the effects of temperature changes, barometric pressure, wind load and glazing pressure, resulting in less seal failure and fewer stress cracks.




# UNDERSTANDING THE NFRC LABEL




*For example purposes only. Numbers will vary based on the window or patio door package chosen.*

**E** **Condensation Resistance** – Amount of moisture it takes for glass to condensate when exposed to extreme interior and exterior temperature changes. Higher numbers indicate better resistance to condensation. Condensation resistance is scored on a scale of 0 to 100.




**U-Factor**
Insulating value of the entire window system. Lower numbers reflect better insulating value.




**Solar Heat Gain Coefficient (SHGC)**
Amount of heat from the sun passing through the glass. Lower numbers indicate glass is keeping heat from entering your home. SHGC is measured on a scale from 0 to 1.




**Visible Transmittance**
Amount of visible light passing through the glass. Higher numbers indicate glass is allowing more light to enter your home. Visible transmittance is measured on a scale from 0 to 1.




**Air Infiltration**
How much air is entering or escaping through the window. Lower numbers indicate air is kept from entering or escaping.

# PRIVACY AND TINT

## Privacy Options

Choose from two different types of glass if you need light to filter in, yet want to maintain privacy. These glass styles look great in rooms where privacy is important.



Gluechip



Obscure Pebble

*Actual privacy levels will vary depending on your distance from the glass and also the amount of light in the room in comparison to the light outside your home. For extra privacy, contact customer service to add an extra pane of privacy glass to your window or patio door order.*

## Tint Options

Tinted glass can help reduce UV transmittance, solar heat gain and glare. Tinted glass options can give a room a whole new look, providing its own unique set of benefits. Be sure to choose the right one for your home.

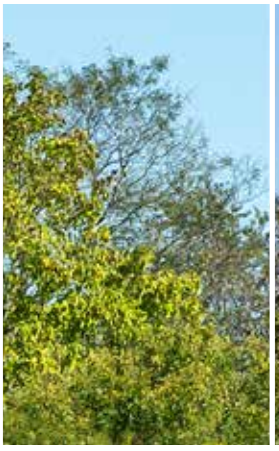


Clear Glass



Bronze

- High visible light transmittance
- Warm glow to interior décors
- Complements brick and stone
- Ultraviolet light protection



Green

- Subdues interior brightness
- High visible light transmittance



Gray

- Excellent glare control
- Exceptional protection against interior fabric and color fading
- Ultraviolet light protection

# INTERNAL GRIDS

The style of grids you choose can make a big impact on your home's appearance. Grids look great on the front side of a house or in accent windows throughout the home. You can choose from several grid patterns including variations of Colonial, Cottage and Prairie styles.

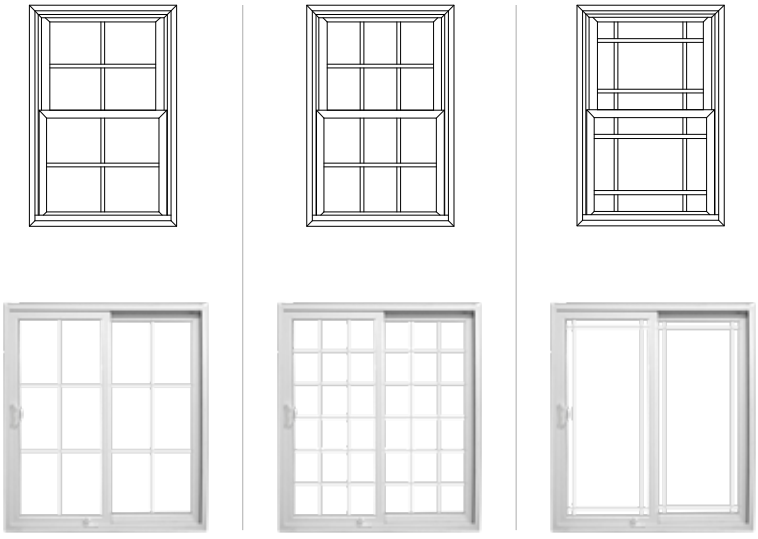




Contoured



Flat



Cottage | Colonial | Prairie

# MASTERFIT™ TRIM

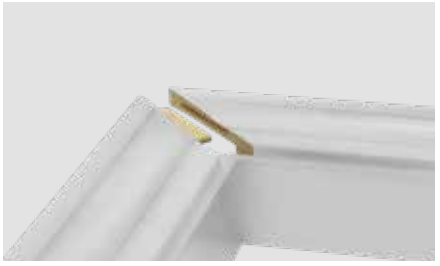
Add the finishing touch to the interior of your window with the MasterFit trim system, complete with assembled frame extensions that interlock with mortise and tenon casing. The MasterFit trim system guarantees a precise, custom-fit and long-lasting factory applied finish.

## Profiles









Mitered casing with high quality mortise and tenon corner locking system ensures strength and durability.







*See the Special Order Casing Guide for more casing profile options. For available paint and stain color options, refer to* ***provia.com.***

## Additional Trim Options



Traditional Interior Stop
1⅜" W x ½" H



Modern Interior Stop
¾" W x ¼" H



Jamb Extension
2½", 4½", or 5½" W x ¾" H



Stool
4" or 6" W x 1" H



Shoemold Interior Stop
¾" W x ½" H



Rosette
3⅞"

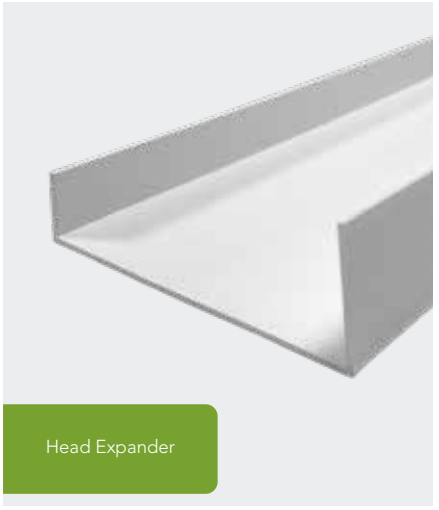
# ACCESSORIES



Integral Nail Fin with J-Channel



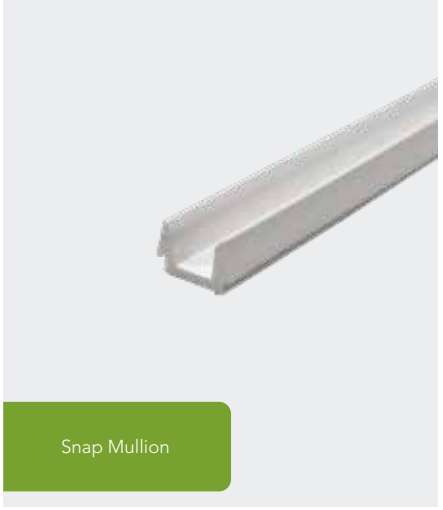
Stucco Flange



Head Expander



Sill Extender



Snap Mullion



Head & Jamb Brickmold



Sill Brickmold

# WARRANTY HIGHLIGHTS

*This is not the complete warranty. Please read the entire warranty by scanning the QR code on the next page.*



### BASIC WINDOW OR PATIO DOOR UNIT - LIFETIME

The rigid vinyl in the window or patio door is warranted against chipping, cracking, peeling, pitting, blistering or warping, for as long as you own and live in the Home in which the product was originally installed.



### HARDWARE - LIFETIME

ProVia further warrants the moving parts, such as balances on double-hung windows and locking mechanisms in all units, for as long as the original purchaser owns and lives in the Home in which the product was originally installed, if those parts are not free from defects in material and workmanship under conditions of normal use and wear.



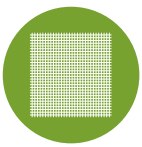
### PATIO DOOR HANDLES - 1 YEAR

Patio door handles with a painted finish are warranted against flaking, checking, blistering or peeling for a period of (1) year from date of installation.



### INSULATED GLASS - 20 YEAR

ProVia further warrants the insulated glass units utilizing Flexible Foam spacer in its vinyl windows or patio doors against defects resulting in material obstruction of vision as the result of film formation between the interior glass surfaces caused by failure of the air-tight seal, for a period of twenty (20) years from date of installation. Small spots, marks, lint, and scratches not exceeding applicable glass manufacturing specifications imposed by Federal Specification 1036-90 will not constitute defects under this warranty.



### SCREENS - LIFETIME

Further, ProVia will replace under conditions of normal use, for as long as the original purchaser owns and lives in the Home in which the product was originally installed, the fiberglass, aluminum or SeeVue stainless steel screening if it is not free from rotting, staining, or rusting.



### NON-RESIDENTIAL & MULTI-FAMILY APPLICATIONS

Where the structure in which the product is installed is not a single family residence occupied by the purchaser, or is owned by a public or private corporation for profit or non-profit, an unincorporated association or other business entity of any type recognized by law, a church, a school, a governmental or public authority, the time periods stated in this warranty shall be limited as follows: Basic Window or Patio Door Unit – 5 Year (non-transferable); Hardware - 1 Year; Insulated Glass – 10 Year (glass breakage not included); Internal Blinds – 5 Year; Screens – 5 Year; and Finishes – 1 Year.



### COASTAL APPLICATIONS

For products that are installed in a Coastal region the time periods stated in this warranty shall be limited as follows: Non stainless steel hardware mechanisms in Casement Window & Patio Door units - 5 year mechanical warranty; Aged Bronze, Bright Brass or Satin Nickel Patio Door Handles – 10 Year Finish. Definition of Coastal Regions: For information and maps of Coastal regions please go to www.provia.com/coastalwarranty.

View the Complete
Warranty on provia.com



White ecoLite™ 3-Lite Slider Window

"To serve, by caring for details in ways others won't." It's not just our mission, but a way of letting our light shine every day at ProVia®. We continually strive to put these words into action by providing unmatched quality and service. The P-icon symbolizes each employee's commitment to devoting the utmost care, pride and quality into each building product we manufacture…it's The Professional Way.

At ProVia, we manufacture energy efficient products and exercise corporate environmental stewardship by recycling, reducing pollution emissions and much more. In fact, our company has received repeated awards from the Environmental Protection Agency such as Partner of the Year - Sustained Excellence for outstanding efforts in energy savings.

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