



*Pre-finished* **wood interior**  
& *a maintenance-free*  
**vinyl exterior**



# PROVIA BUILDS WINDOWS THE PROFESSIONAL WAY

ProVia® has developed a competitive position by catering to a niche within the window 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.

— WE SERVE, BY CARING FOR —  
**DETAILS**  
IN WAYS OTHERS WON'T

## IT HAS LED US TO EXACTING STANDARDS

If you ask around, you'll find attention to detail is what our customers have come to appreciate and expect from the ProVia brand. Our company is family-owned and faith-based with an intense focus on producing Professional-Class products.

ProVia feels so strongly about the performance and workmanship of our window system—built by skilled craftspeople with state-of-the-art manufacturing processes—that it's backed with a Lifetime Limited Warranty. The warranty is even transferable to one subsequent owner. You can visit our website [provia.com](http://provia.com) for details.

We're building your windows and our company to last a lifetime...That's The Professional Way.





# ENJOY COMFORT

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The Aeris™ Window Series has been independently tested to meet strict energy efficiency standards and is ENERGY STAR® Certified. Aeris brand windows come standard with ComforTech™ Warm Edge Glazing, a high-tech glass package that measurably improves thermal performance—for less heat loss, warmer glass temperatures and reduced interior condensation.



FINDING YOUR  
**COMFORT  
ZONE**

You could be using much less energy to stay warmer in the winter, cooler in the summer, and just be more comfortable all year round.

Aeris windows give you the comfort of maximum energy efficiency, while at the same time displaying stunning beauty.



## PEACE OF MIND



We understand the importance of being comfortable. Therefore, we guarantee what we manufacture. So relax knowing that we have you covered with one of the best warranties in the market.

Our Lifetime Limited Warranty on materials and workmanship includes glass breakage and seal failure and is transferable to one subsequent owner. Visit our website [provia.com](http://provia.com) for more details.



— ENERGY STAR® CERTIFIED PRODUCTS —

## A SMART CHOICE

SAVE ENERGY • PROTECT OUR ENVIRONMENT



Aeris Vinyl Windows with Standard Configuration Meet ENERGY STAR Certification Criteria Nationwide

ENERGY STAR is a U.S. Environmental Protection Agency (EPA) voluntary program that helps businesses and individuals save money and protect our climate through superior energy efficiency.

ProVia is committed to manufacturing Aeris vinyl windows using the highest quality frame and sash designs along with energy efficient glazing systems.

We also promote up-front verification to ensure our products meet or exceed the EPA's certification, and that your new windows will provide the exact energy efficiency you expect from ProVia.



# HIGHER PERFORMANCE

## AERIS™ REAL WOOD INTERIOR PROVIDES BEAUTY, GRACE & STYLE WITH HIGH PERFORMANCE ENGINEERED DESIGN

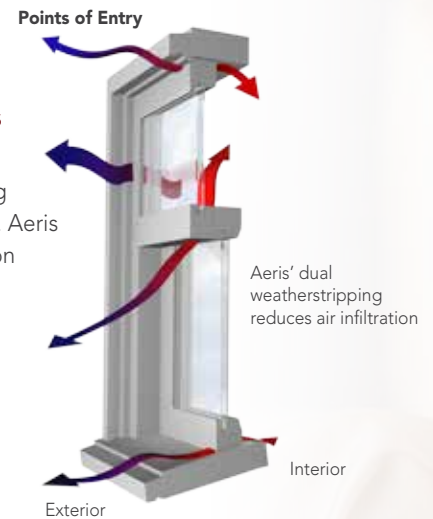
With ProVia® windows, you come out ahead. Your real comfort comes when you discover just how well your new windows keep unwanted heat and cold out of your home. AERIS window components are inventively designed and come together to create one of the most energy efficient windows on the market today.

The frame and sash construction exceed industry standards and are tested against the most stringent requirements for air and water infiltration, wind load resistance, ease of operation, forced entry and much more.



### We can stop those wasteful drafts

When you feel air moving through your windows, you know you're not only wasting energy, you are losing hard-earned money. AERIS windows improve reduction of air infiltration with dual weatherstripping.



### True maintenance freedom




Performance at ProVia goes beyond superior energy efficiency. AERIS windows are also designed to require very little maintenance. The vinyl in the frame and sash resists chipping, cracking, peeling, pitting or blistering.



### Up, down, tilt and slide with ease

AERIS' Compound Tension™ balance system guarantees a quiet and smooth operation with minimal effort. Our unique DualTech™ hardware allows you to unlock and tilt the sash with ease. Friction-resistant rollers allow the AERIS series Slider Window to be easy to operate or remove.



ENERGY STAR® Certified in All 50 States	
	
	<b>ProVia</b> Aeris 1001- Double Hung Comfortech DLA-UV® Double Glaze - Low-E w/Argon/UV Frame: Vinyl
ENERGY PERFORMANCE RATINGS	
<b>A</b> U-Factor (U-Factor)	<b>B</b> Solar Heat Gain Coefficient (SHGC)
<b>0.27</b>	<b>0.20</b>
ADDITIONAL PERFORMANCE RATINGS	
<b>C</b> Visible Transmittance	<b>D</b> Air Infiltration (ach50)
<b>0.47</b>	<b>≤ 0.3</b>
<b>E</b> Condensation Resistance	mm
<b>0.59</b>	
<small>Manufacturers guarantee that these ratings conform to applicable NFRC procedures for determining energy product performance. NFRC ratings are determined for a base air conditioning condition and a specific product size. NFRC does not warrant any product and does not warrant the suitability of any product for any specific use. Contact manufacturers for other product performance information. www.nfrc.org</small>	

## ENERGY STAR - NFRC Label - What You Need to Know

- A U-Factor** – Insulating value of the entire window system. Lower numbers reflect better insulating value.
- B Solar Heat Gain Coefficient (SHGC)** – Amount of heat from the sun passing through the glass. Lower numbers show glass is keeping heat from entering your home.
- C Visible Transmittance** – Amount of visible light passing through the glass. Higher numbers show glass is allowing more light to enter your home.
- D Air Infiltration** – How much air is entering or escaping through the window. Lower numbers show air is kept from entering or escaping.
- E Condensation Resistance** – Amount of moisture it takes for glass to condensate when exposed to extreme interior and exterior temperature changes. Higher numbers show better resistance to condensation.

# CONSTRUCTION

Aeris™ windows feature pre-finished wood interior and maintenance-free vinyl with maximum chambered frame and sash system providing superior energy efficiency.

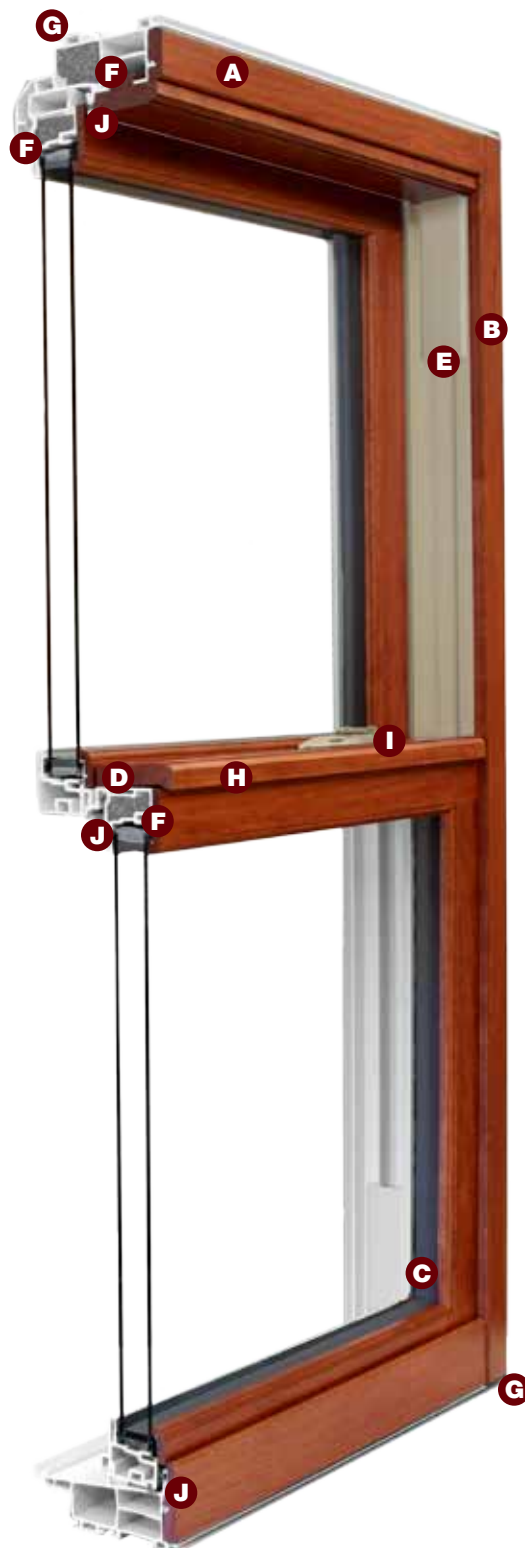
## Aeris Features

- A** Pre-finished real Oak, Cherry or Maple wood applied to sash and frame interior
- B** 3¼" frame depth
- C** 1" ComforTech™ DLA-UV
- D** Integral Interlock at meeting rail
- E** Compound Tension™ balance system with color-coordinated covers and jamb pocket
- F** Neopor® Insulation
- G** Accessory grooves for more interior and exterior trim options
- H** Wood Lift at Lock Rail
- I** DualTech™ sweep locks
- J** Barrier-fin and bulb weatherstripping

Extruded aluminum full screen with BetterVue® fiberglass mesh (Optional FlexScreen with BetterVue screen mesh for Double Hung and Slider windows, full screen only)

Snap-on nail fin available

Interior Wood Mulls



### Aeris Double Hung 40" x 63"

Test	Test Specification	Results
Air	ASTM E 283	0.25 cfm/ft² @ 25 mph
Water	ASTM E 547	Passed @ 7.52 psf
Structural	AAMA/WDMA/CSA 101/I.S.2/A440-8 and 11	R-DP50 142 mph





## Picture Windows

Direct-glazed with interior glazing bead

Aeris Picture 48" x 48"		
Test	Test Specification	Results
Air	ASTM E 283	0.04 cfm/ft <sup>2</sup> @ 25 mph
Water	ASTM E 547	Passed @ 7.52 psf
Structural	AAMA/WDMA/CSA 101/I.S.2/A440-8 and 11	R-DP50 142 mph



## Slider Windows

Passive DualTech™ sweep locks

Pocket sill design

Aeris Slider 63" x 44"		
Test	Test Specification	Results
Air	ASTM E 283	0.10 cfm/ft <sup>2</sup> @ 25 mph
Water	ASTM E 547	Passed @ 7.52 psf
Structural	AAMA/WDMA/CSA 101/I.S.2/A440-8 and 11	R-DP50 142 mph



## Casement & Awning Windows

Multi-point locking hardware

Washability hinge for casement

Quick-release dual-arm operator for awning

Aeris Casement 24" x 60"		
Test	Test Specification	Results
Air	ASTM E 283	0.20 cfm/ft <sup>2</sup> @ 25 mph
Water	ASTM E 547	Passed @ 7.52 psf
Structural	AAMA/WDMA/CSA 101/I.S.2/A440-8 and 11	R-DP50 142 mph

Aeris Awning 48" x 16"		
Test	Test Specification	Results
Air	ASTM E 283	0.20 cfm/ft <sup>2</sup> @ 25 mph
Water	ASTM E 547	Passed @ 7.52 psf
Structural	AAMA/WDMA/CSA 101/I.S.2/A440-8 and 11	R-DP50 142 mph

Test data is a result of sizes shown, configurations and lab conditions of a certified independent third party laboratory.

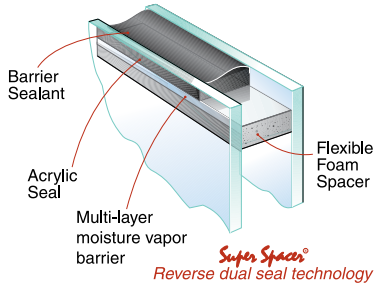
# GLASS

## LIFETIME

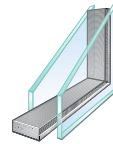
— LIMITED WARRANTY —

Includes Glass Breakage  
and Seal Failure

Most of your new window is glass...that's why we feature the ComforTech Warm Edge Glazing System featuring Super Spacer on all Aeris™ windows. This offers you reduced heat loss, warmer glass temperature and reduced interior condensation. All our ComforTech products have passed stringent testing and are IG Certified to insure our seals are durable and will not leak.

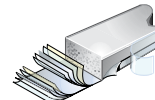


**ComforTech™**  
Warm Edge Glazing System



### 100% All Foam Super Spacer®

Thermal efficiency through no presence of conductive metals is the Super Spacer hallmark.



### Mylar 10-Layer Vapor Barrier

The Super Spacer thermoset foam matrix is exceptional. Moisture is kept out, gas is kept in and conductivity is virtually nonexistent.



### Lasting Appearance

Our Warm Edge Glazing System stands up to the natural bending and bowing from temperature changes, barometric pressure and wind load.



### Enhanced Noise Reduction

Our all-foam formula's excellent sound-dampening properties reduce outside noise, even in industrial environments.



Aeris™ ComforTech™ Glass Package	R-Value	U Factor	SHGC	Visible Light	UV Transmittance
1" INSULATED GLASS UNIT					
ComforTech DC	2	0.49	0.76	81%	59%
ComforTech DLA	4	0.26	0.40	72%	20%
ComforTech DLA-UV	4	0.26	0.27	64%	5.9%
ComforTech DLA-HC	5	0.21	0.38	68%	18%
ComforTech DLA-UV-HC	5	0.21	0.26	60%	0.5%
ComforTech TLA	6	0.17	0.34	59%	6.9%
ComforTech TLA-UV	6	0.16	0.24	45%	0.7%
ComforTech TLK	9	0.14	0.34	59%	6.9%
ComforTech TLK-UV	9	0.13	0.24	46%	0.7%

Above chart reflects center of glass data. Refer to our thermal performance calculator on our website for NFRC and climate zone criteria.

## Why Less Condensation Is Important



Window condensation is unsightly and can damage wood trim and walls.

In winter, many people humidify their homes. If they didn't, health

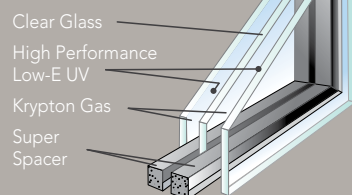
and skin complexions would suffer. However, increasing humidity can cause window condensation.

Condensation can also be caused by traditional, highly-conductive metal spacers, leading to lower perimeter edge temperatures. As a result, negative consequences can occur such as:

- Damaged wood, peeling paint and rotting frames
- Can contribute to mold growth
- Looks unsightly

**ComforTech TLK-UV**

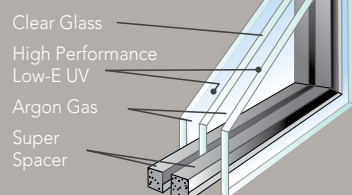
**R-VALUE OF 9**



- Ultimate energy savings in a triple glazed unit
- High Performance Low-E coating with increased UV protection applied to two surfaces of glass
- Both insulating chambers are filled with Krypton gas
- 1" IGU thickness

**ComforTech TLA-UV**

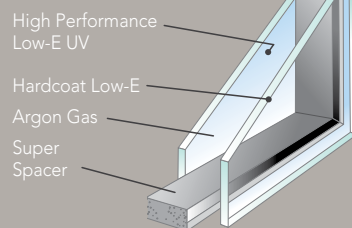
**R-VALUE OF 6**



- Combat colder weather with triple glazing
- High Performance Low-E coating with increased UV protection applied to two surfaces of glass
- Both insulating chambers are flooded with Argon gas
- 1" IGU thickness

**ComforTech DLA-UV-HC**

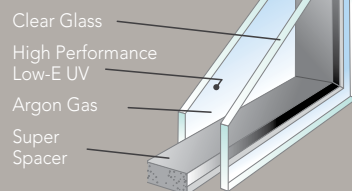
**R-VALUE OF 5**



- Enhanced double glazed package
- High Performance Low-E coating with increased UV protection applied to one surface of glass
- Hardcoat Low-E applied to one pane of glass offering better solar heat gain performance
- Space is flooded with Argon gas
- 1" IGU thickness

**ComforTech DLA-UV**

**R-VALUE OF 4**



- Enhanced double glazed package
- High Performance Low-E coating with increased UV protection applied to one surface of glass
- Space is flooded with Argon gas
- 1" IGU thickness

**What are the advantages of increased UV protection?**

**Cooler in Summer:** SHGC\* for DLA-UV is 65% better than clear glass and 30% better than DLA.

**Increased Fade Protection:** DWT\*\* for DLA-UV is 43% better than clear glass and 23% better than DLA.

\* SHGC = Solar Heat Gain Coefficient

\*\* DWT - Damage Weighted Transmittance, is calculated according to a function called Tdw-ISO, developed by the International Standards Organization (ISO) and published by the International Commission on Illumination (CIE), the world's leading technical organization on lighting and illumination. The Tdw-ISO calculation measures fading risk from solar radiation across the entire solar light spectrum, from Ultra-Violet light (280-380 nanometers) through visible light (390-780 nanometers). According to the CIE standard, which is considered more comprehensive than Ultra-Violet rating alone, our UV glass packages can minimize fading damage across the entire solar spectrum more effectively than glass designed primarily to block Ultra-Violet light.

- All R-Values are based on center of glass calculations using software from Lawrence Berkeley National Laboratory.



# GRID OPTIONS



## Customize with Grids

The style of grids you choose can make a big impact on your home's appearance. We offer colonial, cottage, prairie and many other grid patterns. Choose from one of the patterns shown here, or see our price list for more information and options. The sample windows shown here are Double Hung and Casement, but grids are available in all windows.

\* Grid patterns only available with contoured grids.

## Sample Grid Patterns

### Double Hung



Cottage 1V1H



Cottage 1V1H



Cottage 1V



Cottage TS-1V1H\*



Cottage 2V



Colonial 2V1H



Colonial 2V1H



Single Prairie

### Casement



Single Prairie



Single Prairie



Cottage  
SP-TS-1V2H\*



Cottage 1H



Cottage 1V1H



Cottage TS-1V1H\*



Cottage 3H



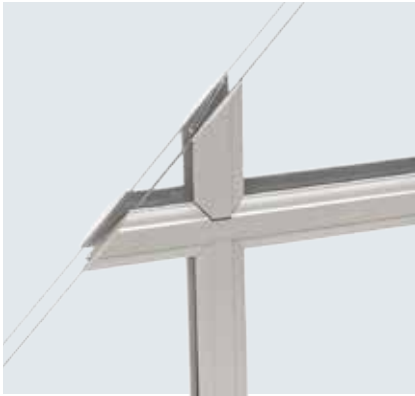
Cottage TL-1V1H\*



Colonial 2V3H

## Grids make cleaning your windows a breeze

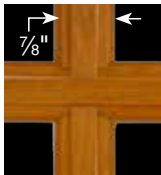
Available on all window styles.



### Simulated Divided Lites (SDL)

Simulated Divided Lites mimic the look and feel of an Old World wood window made with state-of-the-art materials.

#### SDL



- 7/8" Simulated Divided Lite
- Applied to exterior and interior surfaces of glass unit
- Available in all window color combinations

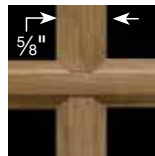
### Internal Grids (Triple Glazed Glass)

Internal Grids with triple glazed glass are placed between two glass panes with the added efficiency of a third pane.

### Internal Grids (Double Glazed Glass)

Internal Grids with double glazed glass are placed between the two panes of glass.

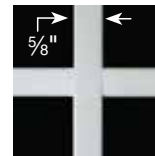
#### Grid Types



Contoured



Pencil



Flat

- Pencil grids in Brass, Zinc and Aged Bronze

**Colors** Available for internal contoured and flat grids. Woodgrains are laminated. Cross matrix chart is listed below for determining laminate color. Please refer to color selector for accurate color representation.

White	<div>White Honey Wheat</div>	<div>White Almond</div>	<div>White Toffee</div>	<div>White American Cherry</div>	Beige	<div>Beige White</div>	<div>Beige Honey Wheat</div>	<div>Beige Almond</div>	<div>Beige Toffee</div>	<div>Beige American Cherry</div>	
Sandstone	<div>Sandstone White</div>	<div>Sandstone Honey Wheat</div>	<div>Sandstone Almond</div>	<div>Sandstone Toffee</div>	<div>Sandstone American Cherry</div>	<div>Classic Bronze White</div>	<div>Classic Bronze Sandstone</div>	<div>Classic Bronze Honey Wheat</div>	<div>Classic Bronze Almond</div>	<div>Classic Bronze Toffee</div>	<div>Classic Bronze American Cherry</div>

Internal Laminate Color Grid Matrix Chart			
Internal Grid Laminate Color	Endure™ Window Interior Laminate Color	Aeris™ Window Stain Color Match	Signet™ Entry Door Stain Color Match
Classic Oak Laminate	Classic Oak	Honey Wheat	Honey Wheat
Traditional Cherry Laminate	Traditional Cherry	Toffee	Toffee
Dark Oak Laminate	Dark Oak	Almond	Almond
Cherry Laminate	Not Available	American Cherry	American Cherry
Light Oak Laminate	Not Available	Not Available	Honey Wheat



### Reflections of Your Imagination

Inspirations Art Glass allows you to do just what the name suggests, let your doors and windows reflect the inspiration of your imagination with your choice of design and color.

### Designs:

The process begins with conceptual design. Our beautiful Inspirations Art Glass styles originated from the imagination of our in-house designers.

### Resin Bead:

The design pattern is created on our computer software, and sent to a CNC machine which applies a resin bead to the surface of the glass in one of our four stylish colors.

### Color Fill:

The color fill truly brings the glass to life. Five distinct color palettes are offered empowering you to perfectly reflect the personality of you and your home. Our craftsmen hand-apply this color fill to your glass.

### Our Guarantee:

The resin bead and color fill are backed by our Lifetime Limited Warranty, and will not fade, blister or peel away from the glass.



### To See More Inspirations:

Ask to see our Inspirations Art Glass brochure for available styles and color palettes, or use ProVia Studio to create custom color palettes and design your dream window.

*Note: All Inspirations Art Glass requires additional lead times*





## Design it Your Way!

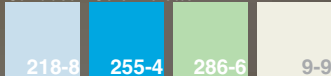
Wishing you could rearrange colors? Now you can. Design your own unique color palette just the way you want it.

Contact Customer Service for details at 877-389-0835.

Coral Reef Color Palette



Caribbean Color Palette



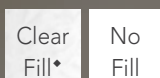
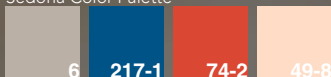
Vineyard Color Palette



Timberland Color Palette



Sedona Color Palette



We also offer four resin bead colors:

Silver resin bead

Black resin bead

Gunmetal resin bead

Clay resin bead

Combine your favorite color palette and bead color with your choice of design to show your personality on your home's entryways and windows.

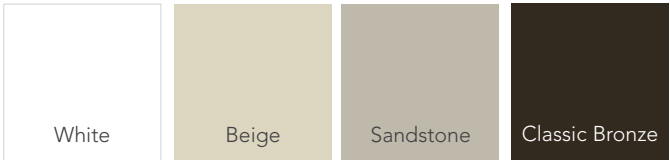
\* Increases transparency on textured glass and resembles aged glass

NOTE: Due to the translucent nature of glass and the printing process, these colors may vary slightly from actual product. For accurate color representation, ask to see glass samples.

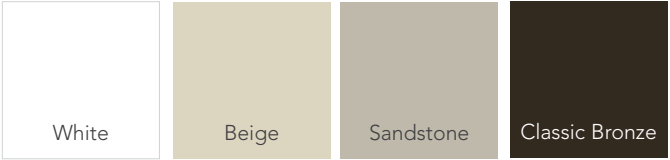
# BEAUTY

Aeris™ windows feature factory finished real wood interiors. As is the nature of hand-applied stain on wood, colors and grain patterns may vary slightly.

## Exterior Colors

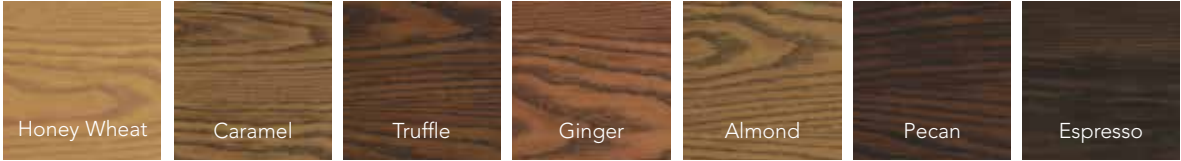


**NEW** TUFTEX **SMOOTH CLADDING** COLORS  
Aluminum trim coil with mar-resistant smooth finish.



## Interior Stain Finishes

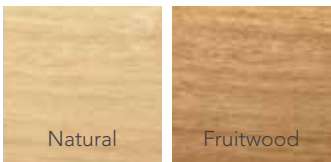
### Oak Wood Species



### Cherry Wood Species



### Maple Wood Species



## Interior Paint Finishes

Only available on Maple interiors



To select color or stain, please refer to our paint and stain selectors.

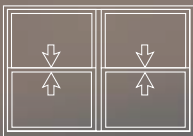
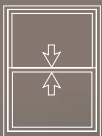






# DOUBLE HUNG

Our Double Hungs bring comfort and the beauty with interior stain or paint.



Additional configurations available.

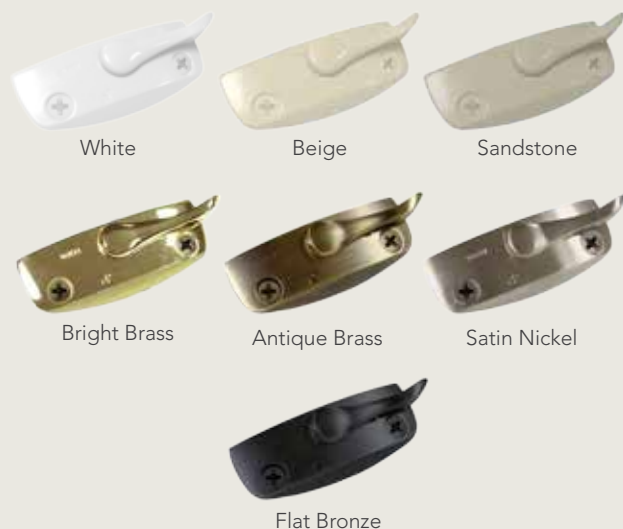


### Aeris™ Double Hung Standard Features:

- Premium Oak, Cherry or Maple hardwood interior
- 3¼" frame depth
- Proprietary European formulation vinyl
- 1" ComforTech™ DLA-UV
- Welded frame and sash construction
- Compound Tension™ balance system for a quiet and smooth operation (Roller-Tilt® balance system may be required for extremely large or small window sizes)
- Interior glazing
- Extruded sloped sill
- Wood lift at lock rail
- Neopor® insulation
- Dual weatherstripping
- Two integrated DualTech™ sweep locks and tilt latches (Windows less than 19½" have a single passive DualTech sweep lock and low profile tilt latches)
- Extruded aluminum full screen with BetterVue® fiberglass mesh (Screen Frame matches exterior window color)
- Jamb pocket color coordinates with stain and paint colors
- See price list for additional options

### Double Hung Hardware

Windows come standard with White, Beige or Sandstone hardware, or upgrade to optional decorative finishes:



### Jamb Pocket & Hardware Finish Chart

Exterior Window Color	Interior Window Color	Interior Jamb Pocket Color	Suggested Hardware Finish
White	White	White	White
White	All Stains & Paint Colors (except White)	Sandstone	Sandstone
Beige	All Stains & Paint Colors	Beige	Beige
Sandstone	All Stains & Paint Colors	Sandstone	Sandstone
Classic Bronze	All Stains & Paint Colors	Sandstone	Sandstone

# SLIDER

Horizontal Slider windows are engineered to provide you with ultimate durability and ventilation.



Additional configurations available.



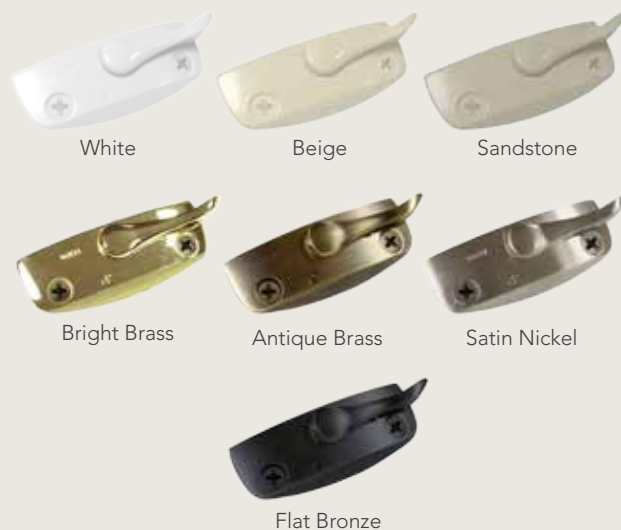


### Aeris™ Slider Standard Features:

- Premium Oak, Cherry or Maple hardwood interior
- 3¼" frame depth
- Proprietary European formulation vinyl
- 1" ComforTech™ DLA-UV
- Welded frame and sash construction
- Interior glazing
- Brass rollers
- Neopor® Insulation
- Dual weatherstripping
- Two passive DualTech™ sweep locks at 19½" and taller
- Extruded aluminum full screen with BetterVue® fiberglass mesh (Screen Frame matches exterior window color)
- Anchor stop (3-lite only)
- Jamb pocket color coordinates with stain and paint colors
- See price list for additional options

### Slider Hardware

Windows come standard with White, Beige or Sandstone hardware, or upgrade to optional decorative finishes:



### Jamb Pocket & Hardware Finish Chart

Exterior Window Color	Interior Window Color	Interior Jamb Pocket Color	Suggested Hardware Finish
White	White	White	White
White	All Stains & Paint Colors (except White)	Sandstone	Sandstone
Beige	All Stains & Paint Colors	Beige	Beige
Sandstone	All Stains & Paint Colors	Sandstone	Sandstone
Classic Bronze	All Stains & Paint Colors	Sandstone	Sandstone

# CASEMENT

Our Casement windows offer you design and function with extraordinary beauty and energy efficiency.



Additional configurations available.



### Aeris™ Casement Standard Features:

- Premium Oak, Cherry or Maple hardwood interior
- 3¼" frame depth
- Proprietary European formulation vinyl
- 1" ComforTech™ DLA-UV
- Welded frame and sash construction
- Interior glazing
- Multi-point locking hardware system
- Washability hinge
- Extruded aluminum screen with BetterVue® fiberglass mesh
- Variety of hardware colors and finishes
- See price list for additional options

### Casement Hardware

Windows come standard with White, Beige or Sandstone hardware, or upgrade to optional decorative finishes:



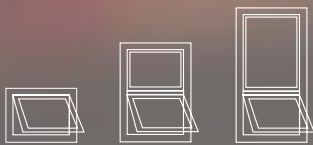
### Screen Frame Color & Hardware Finish Chart

Interior Window Color	Screen Frame Color	Suggested Hardware Finish
All Stained Oak & Cherry Windows	Bronze	Flat Bronze
All Stained Maple Windows	Beige	Beige
All Paint Colors (Maple Windows)	Matches Interior Window Paint Color	Match Interior Paint Color (if possible)



# AWNING

Our Awning windows can make your home comfortable without sacrificing style and design.



Additional configurations available.





### Aeris™ Awning Standard Features:

- Premium Oak, Cherry or Maple hardwood interior
- 3¼" frame depth
- Proprietary European formulation vinyl
- 1" ComforTech™ DLA-UV
- Welded frame and sash construction
- Interior glazing
- Multi-Point locking hardware system
- Quick-release dual-arm operator
- Extruded aluminum screen with BetterVue® fiberglass mesh
- See price list for additional options

### Awning Hardware

Windows come standard with White, Beige or Sandstone hardware, or upgrade to optional decorative finishes:

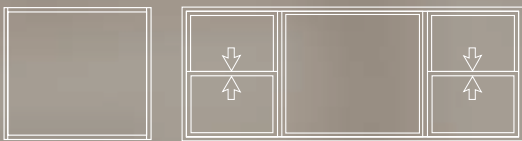


### Screen Frame Color & Hardware Finish Chart

Interior Window Color	Screen Frame Color	Suggested Hardware Finish
All Stained Oak & Cherry Windows	Bronze	Flat Bronze
All Stained Maple Windows	Beige	Beige
All Paint Colors (Maple Windows)	Matches Interior Window Paint Color	Match Interior Paint Color (if possible)

# PICTURE

Picture windows provide ample light, an unimpeded view, plus the benefits of home energy savings.



Additional configurations available.



Frame Detail

Shown with Blossoms  
Inspirations™ Art Glass and  
Taffeta Privacy Glass

Interior View

### **Aeris™ Picture Window Standard Features:**

- Premium Oak, Cherry or Maple hardwood interior
- 3¼" frame depth
- Proprietary European formulation vinyl
- 1" ComforTech™ DLA-UV
- Fully welded construction
- Direct glazed frame
- Neopor® Insulation
- See price list for additional options



# SHAPES

Architectural Shapes give you the freedom to express your style.





**Aeris™ Architectural Shapes Standard Features:**

- Premium Oak, Cherry or Maple hardwood interior
- 3¼" frame depth
- Proprietary European formulation vinyl
- 1" ComforTech™ DLA-UV
- Fully welded construction
- Direct-set glazing
- Neopor® Insulation
- Wide range of shapes
- Additional lead time is required
- See price list for additional options



Additional Shapes available.



# BAY & BOW

Bay and Bow windows are constructed using your choice of Picture, Double Hungs or Casements.



Additional configurations available.





### Aeris™ Bay & Bow Standard Features:

- ComforTech™ DLA-UV Warm Edge Glazing System
- Head, Seat and Jambs are finished 1¼" furniture-grade Birch or Oak plywood
- Interior stops and mullions are finished to match the head, seat and side jambs
- Exposed plywood interior edges are covered with matching wood edge banding
- Timberstrand® laminated mullions
- PVC panning system
- Lag bolt construction
- Jamb depth up to 6" (minimum is 4")
- Cable support system with adjustable turnbuckle
- Standard knee brace support system
- Bay: 3-lite unit with 2 operable windows with screens
- Bow: 3, 4, 5 or 6-lite units with 2 operable windows with screens
- Available with Double Hung, Casement or Picture windows
- Windows with Euro White or Beige exterior have matching PVC exterior cladding
- Windows with Sandstone and Classic Bronze exterior have PVC exterior cladding painted to match
- R-9 Dow® Tuff-R™ insulated seat board (3" overall thickness)
- Additional lead time is required

### Available Options:

- For stain and paint options, refer to page 14
- R-21 Dow® TherMax™ insulated seat board
- Roof and decorative brace kits
- See price book for additional options

**Copper Roof Kit:** Also available in painted aluminum.



Bay Window - Hip Style Roof

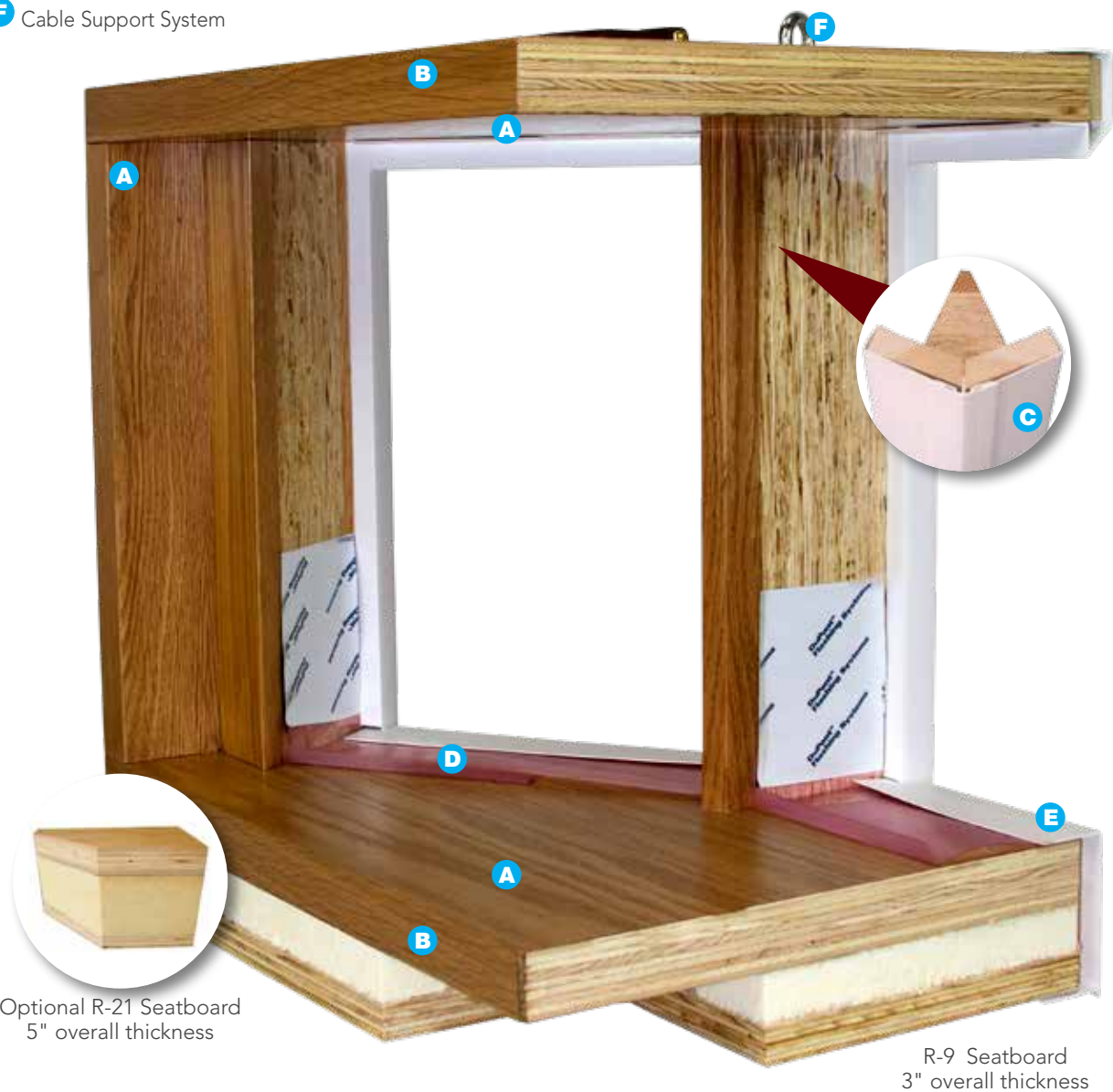


Bow Window - Hip Style Roof

# BAY & BOW (cont.)

## Features

- A** Head, Jamb & Seat Board
- B** Edge Banding
- C** Solid Wood Mullions
- D** Window Panning System
- E** PVC Exterior Cladding
- F** Cable Support System



Optional R-21 Seatboard  
5" overall thickness

R-9 Seatboard  
3" overall thickness

- A Head, Jamb & Seat Board:**  
1¼" Furniture Grade Oak or Birch Veneer

- B Edge Banding:**  
Exposed plywood interior edges of the head, seat and side jambs are covered with matching wood edge banding.

- C Solid Wood Mullions:**  
Our solid wood mullion design is lag bolted to the head and seat for maximum strength and support. This unique design is made out of TimberStrand® laminated lumber.

TimberStrand is made from Aspen trees cut into thin strands and then dried and laminated together with a polyurethane resin. It is then pressed and steam injected to create a wood billet creating a strong and durable material that is 25% stronger than standard wood and will not absorb or release moisture.

- D Window Panning System:**  
This window panning system is the ultimate protection against water infiltration. The PVC panning profiles wrap around and are adhered to the vertical mullions & seat board creating an interior gutter system.

### Roofing Color Selection Guide:

Choose from a large selection of attractive roofing colors. See Dealer for a color selection guide.



- E PVC Exterior Cladding**  
The exterior is PVC vinyl wrapped. Available colors:



- F Cable Support System with Adjustable Turnbuckles:**  
To ensure our windows will never bow or sag, we use an adjustable turn-buckled cable support system to support the frame from the top with heavy-duty 6" hook and turnbuckle.



Adjustable Hanging Support System  
600lb Working Load Limit per Support



# MASTERFIT™ TRIM

Add the finishing touch to the interior of your home with our MasterFit interior trim system. System includes assembled frame extensions that interlock with mortise and tenon casing. Our MasterFit interior trim system guarantees a long-lasting finish.



2 1/2" Modern Profile    2 1/2" Colonial Profile    3 1/2" Colonial Profile

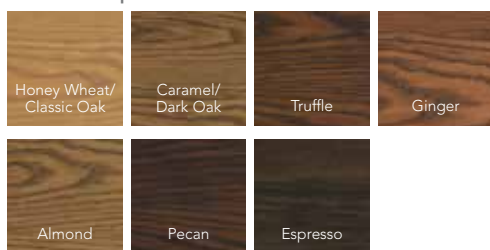


Mitered casing with high quality mortise and tenon corner locking system ensures strength and durability.

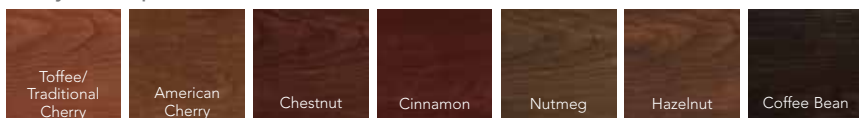


## Interior Stain Finishes

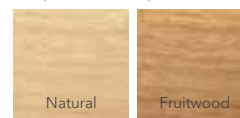
### Oak Wood Species



### Cherry Wood Species



### Maple Wood Species



## Interior Paint Finishes

### Poplar Wood Species



To select color or stain, please refer to our paint and stain selectors.

## Additional Interior Trim Options



Traditional Interior Stop  
1 1/8" W x 1/2" H



Jamb Extension  
2 1/2", 4 1/2", or 5 1/2" W x 3/4" H



Stool  
3 1/2" or 5 1/2" W x 1" H



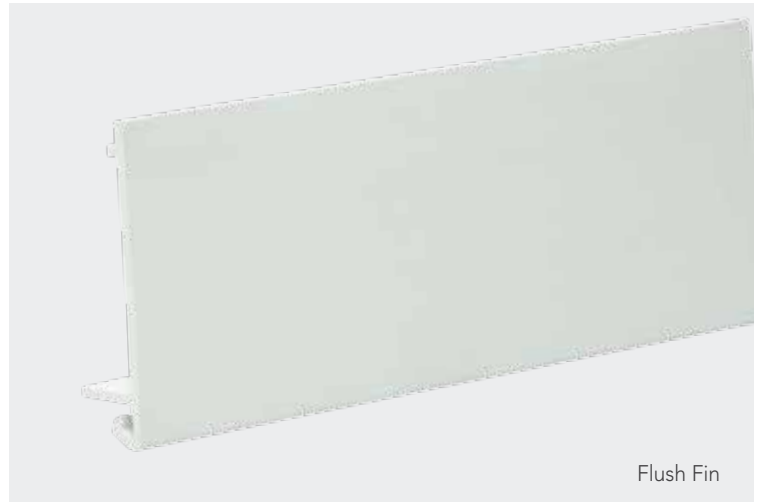
Shoemold Interior Stop  
3/4" W x 1/2" H



Accessory Face Groove Trim  
7/8" W x 1/4" H

# ACCESSORIES

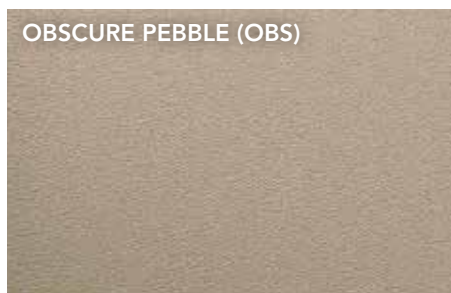
ProVia® offers many exterior accessories to achieve a completely finished look for your home. Can be ordered factory-installed or shipped loose. Available in White, Beige, Sandstone or Classic Bronze.



# GLASS OPTIONS

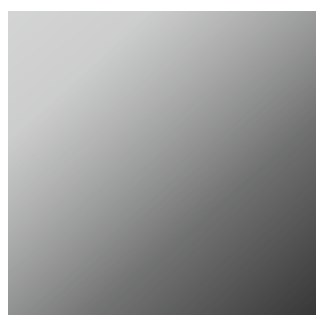
## Privacy Options

In some situations, your home requires the addition of Privacy glass to allow light to filter in, while keeping a high level of privacy.



## Tint Options

Our tinted glass can help reduce UV transmittance, solar heat gain and glare.



### Gray Tint (Solargray®)

- Excellent glare control
- Exceptional protection against interior fabric and color fading
- Dark gray appearance
- Solar Performance (reduces solar heat gain)
- Ultra Violet light protection



### Green Tint (Solexia®)

- Light green tinted glass
- Subdues interior brightness
- High visible light transmittance



### Bronze Tint (Solarbronze®)

- Solar Performance (reduces solar heat gain)
- Reduces glare
- High visible light transmittance
- Warm glow to interior decors
- Complements brick and stone facades
- Exterior subtle richness



### Blue Tint (Azuria®)

- Beautiful aquamarine appearance
- Low shading coefficient
- High visible light transmittance
- Solar performance (reduces solar heat gain)





*Waterfall glass shown*

# OUR PRODUCTS



**DOORS**



**WINDOWS**

— WE SERVE, BY CARING FOR —  
**DETAILS**  
IN WAYS OTHERS WON'T

Across ProVia's complete line of products, you can be confident we put the same care into every detail of doors, windows, siding and stone.







**SIDING**



**STONE**



At ProVia, we care about our customers as much as we do the products and services we meticulously provide. We combine old-world craftsmanship with state-of-the-art technology to deliver personalized care with every order. We invite you to experience ProVia's full line of products crafted The Professional Way - which includes the industry's best in doors, windows, siding and stone.

Look at our full line of products at:

**provia.com**





"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.



THE PROFESSIONAL WAY

Doors • Windows • Siding • Stone  
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