



— ENDURE™ —  
**WINDOWS**  
STUNNING ENERGY EFFICIENCY



# PROVIA BUILDS WINDOWS THE PROFESSIONAL WAY

A man with a beard and safety glasses is working on a window frame in a factory setting. He is wearing a light-colored shirt and is focused on his work. The background shows a blurred industrial environment with various tools and equipment.

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.



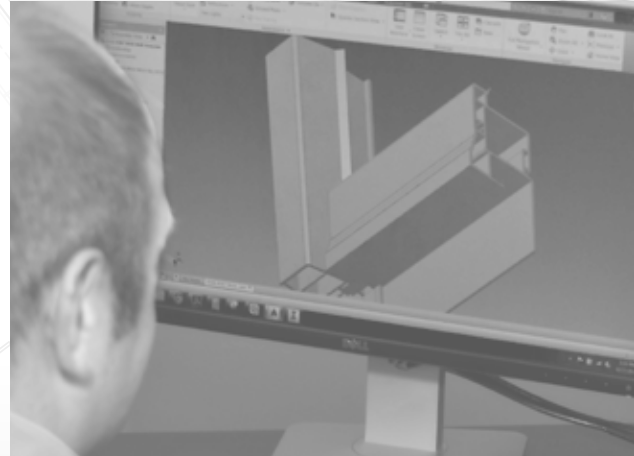
# WE ARE SERIOUS ABOUT WINDOWS!

ProVia's window program is a product of good old American ingenuity and know-how, with over thirty years of real-world R&D. It's all been capped off with an exhaustive review of potential extrusions, weatherstripping, glazing systems and warranties.

For the Endure™ window line, ProVia has chosen the optimum levels of technology to make a window that will work continually at peak performance—keeping you and your home very comfortable.

## THE ENDURE WINDOW R&D CHECKLIST

- ENERGY STAR® Certified
- More Comfort for the Homeowner with Outstanding Energy Efficiency
- Greatly Reduced Air Infiltration
- Innovative Frame and Sash Design
- Premium Insulated Glass Packages
- Fascinating Design and Color Options
- Ingenious Interior Trim System



# MAKE YOURSELF COMFORTABLE

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For all who have been searching for sensible ways to improve the energy efficiency of your home, let us clear the way. The Endure™ Window has been independently tested to meet strict energy efficiency standards and is ENERGY STAR Certified. Endure 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.

Endure windows give you the comfort of maximum energy efficiency, while 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.



In addition to having several windows recognized by ENERGY STAR®, our window lines are also among the best in the market for air infiltration and condensation resistance.

— ENERGY STAR® CERTIFIED PRODUCTS —

## A SMART CHOICE

SAVE ENERGY • PROTECT OUR ENVIRONMENT

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 Endure 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

## ENDURE™ BRINGS INNOVATIVE ENGINEERING, BEAUTY & ENERGY EFFICIENCY

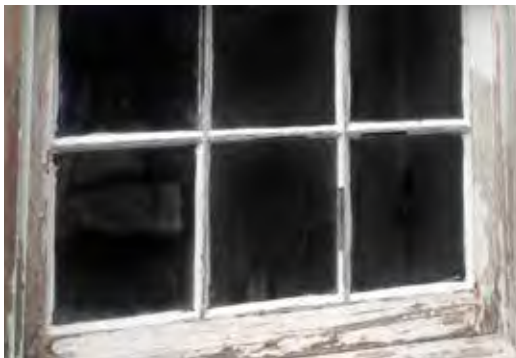
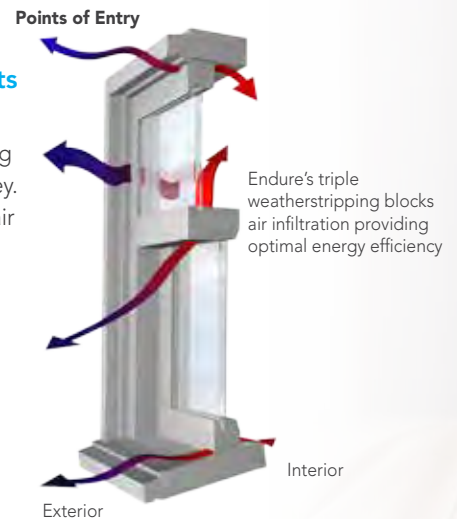
With ProVia® windows, you come out ahead. Your real comfort comes when you discover just how well your new windows keep unwanted heat and cold out of your home. Endure window components are inventively designed and come together to create one of the most energy efficient windows on the market today.

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 window, you know you're not only wasting energy, you are losing hard-earned money. Endure windows maximize reduction of air infiltration with triple weatherstripping.



### True maintenance freedom

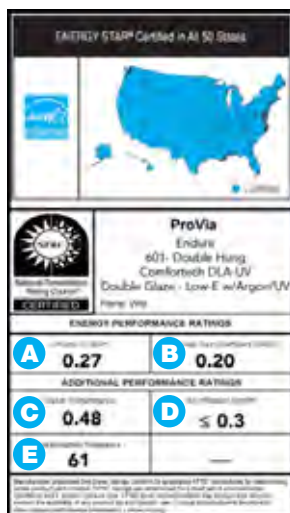
Performance at ProVia goes beyond superior energy efficiency. Endure windows are also designed to require very little maintenance. The SunShield® vinyl in the frame and sash resists chipping, cracking, peeling, pitting or blistering.



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

Endure's 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 Endure Slider Window to be easy to operate or remove.





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

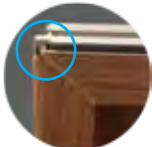
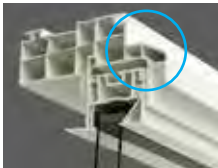
- A U-Factor** – Insulating value of the entire window system. Lower numbers reflect better insulating value.
- B Solar Heat Gain Coefficient (SHGC)** – Amount of heat from the sun passing through the glass. Lower numbers show glass is keeping heat from entering your home.
- C Visible Transmittance** – 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

Endure™ windows feature multiple color combinations, superior durability and multi-chambered frame and sash system, which provides leading-edge energy efficiency.

## Endure Features

- A** 3¼" frame depth
- B** SunShield® Vinyl
- C** ¾" ComforTech™ DLA-UV for dual glaze and 1" ComforTech TLA-UV or TLK-UV for triple glaze
- D** Optimized wall placement for exceptional thermal performance
- E** Integral Interlock at meeting rail
- F** Structural storm interlock for increased structural performance and optimal wind deflection
- G** Compound Tension™ balance system with color-matched covers
- H** Neopor® Insulation
- I** INNERGY® Thermal Reinforcements
- J** Notched accessory grooves for ease of installation of interior and exterior trim

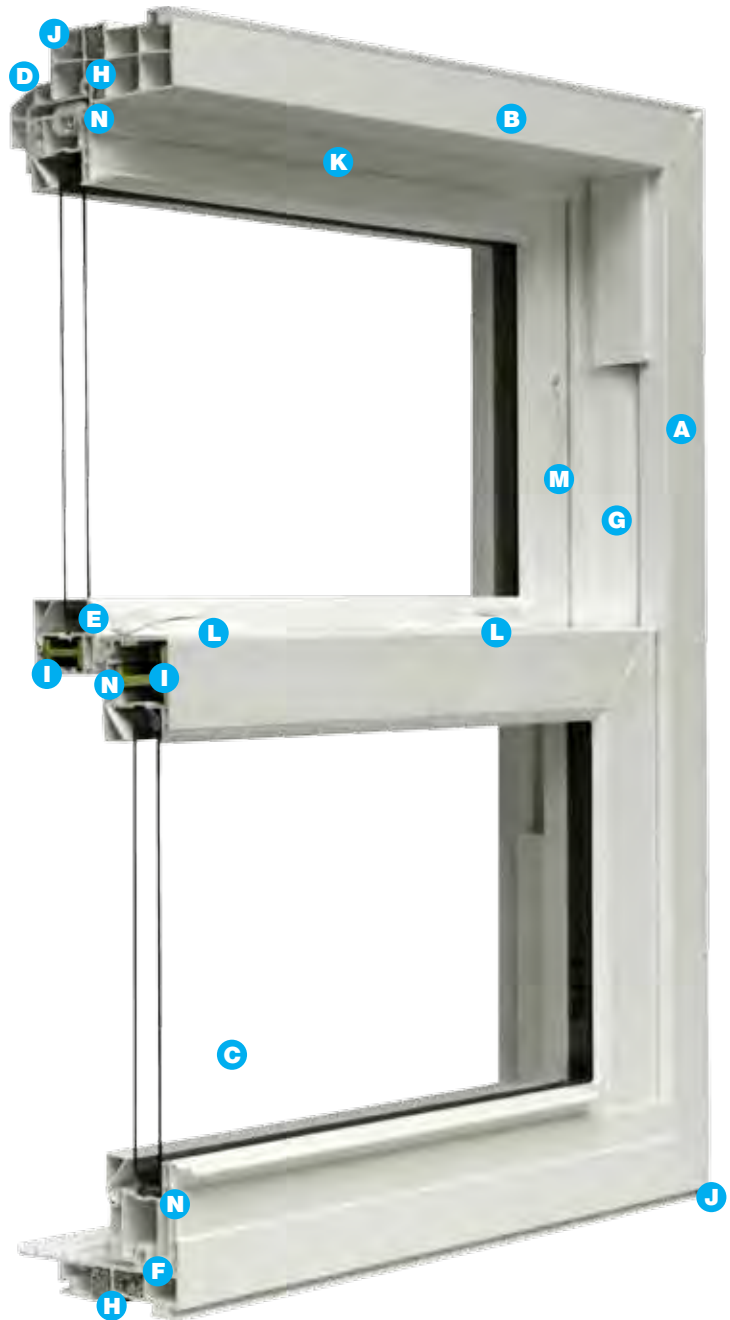


- K** Top sash retention - no more sash drift
- L** DualTech™ sweep locks
- M** Vent Locks

Barrier-fin and bulb weatherstripping

Extruded aluminum screen with BetterVue® fiberglass mesh

Integral nail fin available in white, beige and sandstone



### Endure Double Hung 40" x 63"

Test	Test Specification	Results
Air	ASTM E 283	0.05 cfm/ft² @ 25 mph
Water	ASTM E 547	8.35 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

Endure Picture 75" x 75"		
Test	Test Specification	Results
Air	ASTM E 283	0.01 cfm/ft <sup>2</sup> @ 25 mph
Water	ASTM E 547	12.11 psf
Structural	AAMA/WDMA/CSA 101/I.S.2/A440-8 and 11	R-DP50 142 mph



## Slider Windows

Pocket sill design

Endure Slider 72" x 60"		
Test	Test Specification	Results
Air	ASTM E 283	0.07 cfm/ft <sup>2</sup> @ 25 mph
Water	ASTM E 547	9.19 psf
Structural	AAMA/WDMA/CSA 101/I.S.2/A440-8 and 11	R-DP-35 118 mph



## Casement & Awning Windows

Multi-point locking hardware  
Washability hinge for casement  
Quick-release dual-arm operator for awning

Endure Casement 24" x 60"		
Test	Test Specification	Results
Air	ASTM E 283	0.02 cfm/ft <sup>2</sup> @ 25 mph
Water	ASTM E 547	11.28 psf
Structural	AAMA/WDMA/CSA 101/I.S.2/A440-8 and 11	R-DP60 155 mph

Endure Awning 48" x 32"		
Test	Test Specification	Results
Air	ASTM E 283	0.02 cfm/ft <sup>2</sup> @ 25 mph
Water	ASTM E 547	12.11 psf
Structural	AAMA/WDMA/CSA 101/I.S.2/A440-8 and 11	R-DP60 155 mph

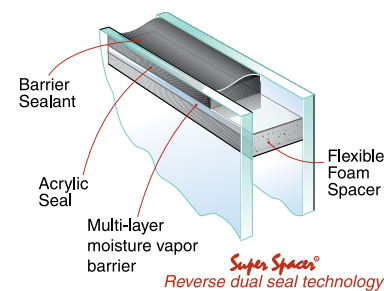
Endure Casement Picture 60" x 63"		
Test	Test Specification	Results
Air	ASTM E 283	0.01 cfm/ft <sup>2</sup> @ 25 mph
Water	ASTM E 547	12.11 psf
Structural	AAMA/WDMA/CSA 101/I.S.2/A440-8 and 11	R-DP45 134 mph

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

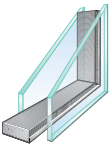
# GLASS

**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 Endure™ 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.

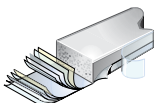


**ComforTech™**  
Warm Edge Glazing System



### The No-Metal Advantage

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.



Endure™ ComforTech™ Glass Package	R-Value	U Factor	SHGC	Visible Light	UV Transmittance
¾" INSULATED GLASS UNIT					
ComforTech DC	2	0.48	0.78	82%	63%
ComforTech DLA	4	0.25	0.40	73%	22%
ComforTech DLA-UV	4	0.25	0.27	65%	6.3%
ComforTech DLA-HC	5	0.20	0.39	69%	19%
ComforTech DLA-UV-HC	5	0.20	0.26	61%	5.5%
1" INSULATED GLASS UNIT					
ComforTech TLA	6	0.15	0.35	60%	7.6%
ComforTech TLA-UV	7	0.14	0.24	47%	0.7%
ComforTech TLK	9	0.11	0.35	60%	7.4%
Comfortech TLK-UV	10	0.10	0.23	47%	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

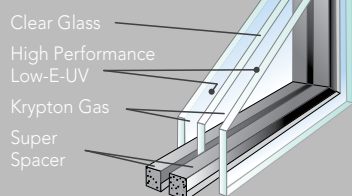
and skin complexions would suffer. However, increasing humidity can cause window condensation.

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**

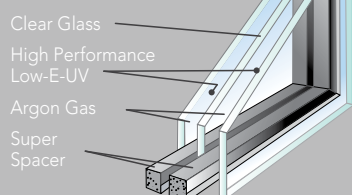
**R-VALUE OF 9**



- 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**

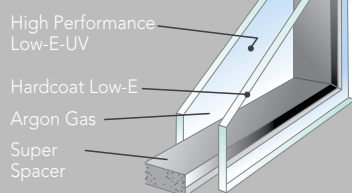
**R-VALUE OF 6**



- 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**

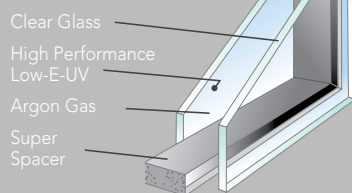
**R-VALUE OF 5**



- 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
- ¾" 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
- ¾" 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



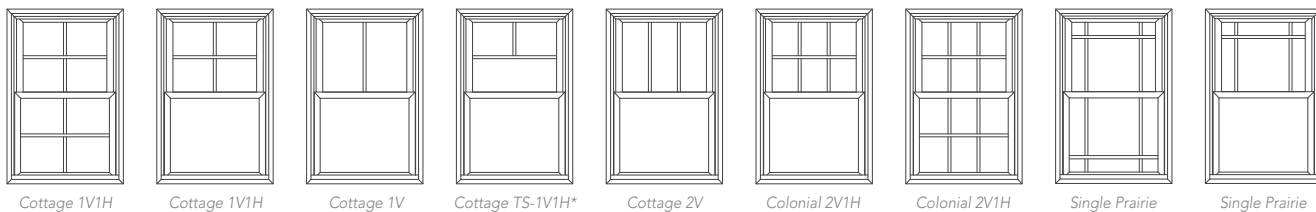
## Customize with Grids

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.

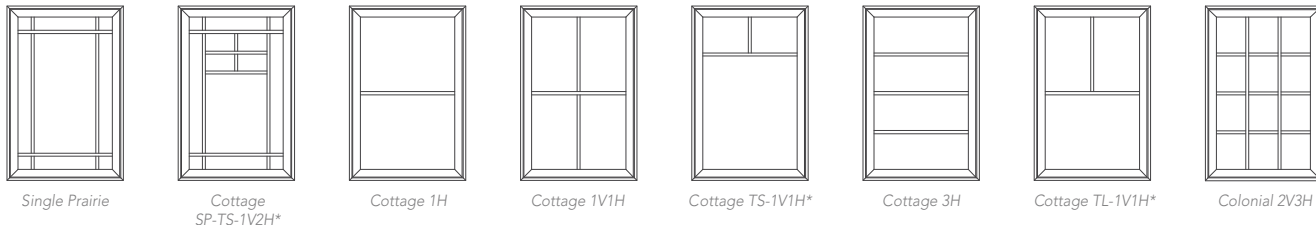
*\* Grid patterns only available with contoured grids.*

## Sample Grid Patterns

### Double Hung

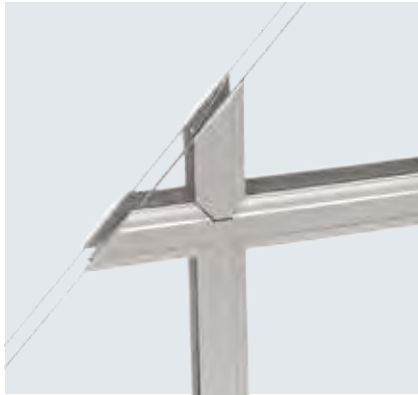


### Casement



## Grids adds architectural beauty to your windows

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. Grids are applied to the glass on both the interior and exterior of the window.

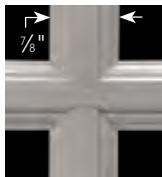
### Internal Grids (Triple Glazed Glass)

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)

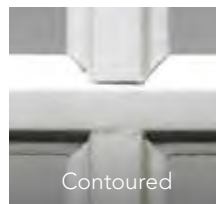
Internal Grids with double glazed glass are placed between the two panes of glass.

### SDL



- 7/8" Simulated Divided Lite

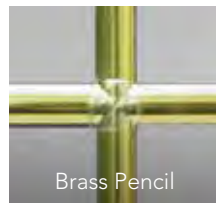
### Grid Types



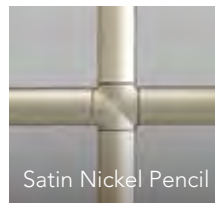
Contoured



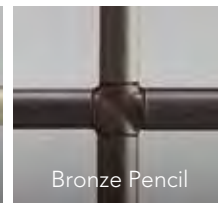
Flat



Brass Pencil



Satin Nickel Pencil



Bronze Pencil

### Colors Available for SDL, Contoured and Flat Grids.



Please refer to color selector for accurate color representation.

# INTERNAL BLINDS

Internal Blinds are constructed with sturdy white aluminum. Easy to clean; no more dusting of blinds.

- A** Improved cord stack due to patented lift/tilt hardware



- B** No-slip gear belt for lift & tilt operation
- C** Blinds 3/4" insert remains dust-free in a sealed insulated glass unit
- D** Patented lower-gear maintains proper belt tension during normal operations



- E** Custom manufactured to fit exact dimensions of windows and doors
- F** 1" IGU Intercept® stainless steel spacer system with optional Low-E (Guardian 7036) on surface #2

*Allow additional 3-4 week lead time*



# FLEXSCREEN

Nearly indestructible. Barely visible. Everything you want a screen to be.



## SIMPLE DESIGN

Our revolutionary design utilizes a PVC coated, high performance spring steel frame. However, innovation does not need to be complex, so you will not find unnecessary attachment hardware on FlexScreen.

## DAMAGE RESISTANT

We were tired of bent aluminum frames, scratched paint, and broken hardware. So we built a window screen that can be thrown from the top of a five-story building without being damaged.

## EFFORTLESS INSTALLATION

Don't overthink this. Simply hold the screen in your hands...bend the sides in...and fit FlexScreen into your screen track. It is that easy.

## BEAUTIFULLY INVISIBLE

FlexScreen hides the window screen pocket, drastically improving sight lines and eliminating the need for color matching. Your windows will never look better.



# PAINTED WINDOWS

- Heat reflective with exceptional durability
- UV reflective properties maintain long-lasting color and finish
- No worry of peeling, flaking or blistering
- All of our standard 16 paint colors.
- Custom paint colors available
- Can be applied to both interior and exterior of window.
- 15-year warranty on paint finish
- 6 weeks lead time

## How to Order Custom Paints\*

1. Go to your nearest Sherwin-Williams paint store and select a paint color of your choice.
2. Specify appropriate paint number and name from the paint color swatch

OR

1. Homeowner must provide Dealer with a paint sample for ProVia to match.

*\*Customer will need to sign off on the custom color*



## Standard Paint Finishes

Snow Mist	Café Cream	Primrose Yellow	Chateau	Sandpiper Beige	Sandstone	Sterling Gray	Clay
Geneva Blue	Enzian Blue	Forrest Green	Vallis Red	Mountain Berry	Rustic Bronze	Tudor Brown	Coal Black

**Designs:**

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

**Resin Bead:**

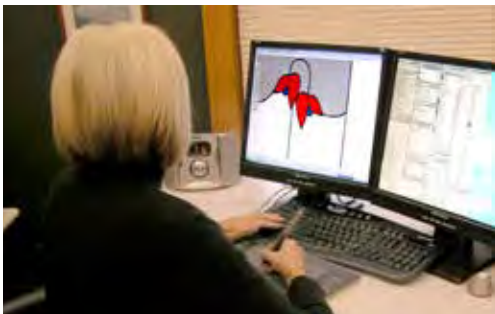
The design pattern is created on our computer software, and sent to a CNC machine which applies a resin bead to the surface of the glass in one of our four stylish colors.

**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!

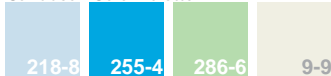
Wishing you could rearrange colors? Now you can. Design your own unique color palette just the way you want it.

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



Clear  
Fill♦

No  
Fill

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

Endure™ windows offer appealing woodgrain interior colors with popular exterior colors.

## Window Colors

Exterior/Interior



\* Laminated with grained texture

## TUFTEX Smooth Cladding Colors

Aluminum trim coil with mar-resistant smooth finish.

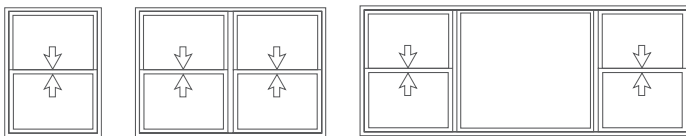


Please refer to color selector for accurate color representation.



# DOUBLE HUNG

Our Double Hung windows are beautiful and practical. Upper and lower sashes both open and tilt in for easy cleaning.



Additional configurations available.



## EASY TILT OPERATION:

Our Double Hung window is easy to open with effortless operation. Both lower and upper sash tilt inwards for easy access for cleaning while the screen stays in place.

Our unique DualTech™ hardware allows you to unlock and tilt the sash with ease.

## ENDURE™ DOUBLE HUNG STANDARD FEATURES:

- 3¼" frame depth
- SunShield® Vinyl
- ¾" ComforTech™ DLA-UV with optional 1" IGU ComforTech TLA-UV & TLK-UV
- Welded frame and equal lite 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)
- Exterior glazing
- Extruded sloped sill
- Neopor® Insulation
- INNERGY® thermal reinforcements
- Cove sash profile offers a contemporary look that adds elegance to the sash
- Triple weatherstripping
- Two DualTech sweep locks with integrated tilt latches (Windows less than 19½" have a single passive DualTech sweep lock and low profile tilt latches)
- Dual vent locks allow for worry-free operation while withstanding impact
- Extruded aluminum half or optional full screen with BetterVue® fiberglass mesh
- Optional Flexscreen® with BetterVue® mesh in hidden window screen pocket
- See price list for additional options



## DOUBLE HUNG HARDWARE

White, Beige or Sandstone windows come standard with matching hardware. Laminated wood colors come standard with Coppertone hardware.

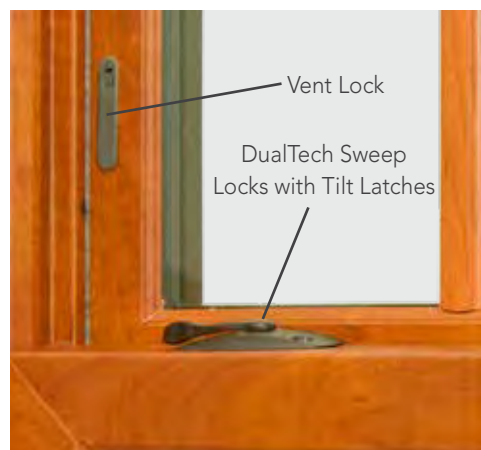
Standard painted finishes



Optional decorative finishes

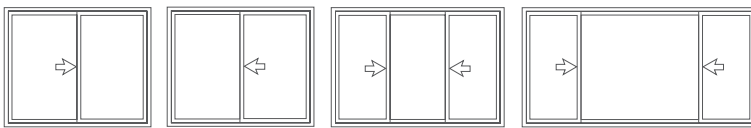


The vent lock color always matches the inside window color (White, Beige or Sandstone). If the inside is a woodgrain color, the vent locks are either Bronze (if the hardware is Bronze) or Coppertone.



# SLIDER

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



Additional configurations available.

## EFFORTLESS TO OPERATE

Our slider window is easy to operate with our durable and friction-resistant sash rollers. Operating sashes utilize our unique DualTech™ hardware making it easy to remove sash or slide sash for venting.

## ENDURE™ SLIDER STANDARD FEATURES:

- 3¼" frame depth
- SunShield® Vinyl
- ¾" ComforTech™ DLA-UV with optional 1" IGU ComforTech TLA-UV & TLK-UV
- Welded frame and sash construction
- Exterior glazing
- Neopor® Insulation
- INNERGY® thermal reinforcements
- Brass rollers
- Cove sash profile offers a contemporary look that adds elegance to the sash
- Dual weatherstripping
- Two passive DualTech sweep locks at 19½" and taller
- Extruded aluminum half or optional full screen with BetterVue® fiberglass mesh
- Optional Flexscreen® with BetterVue® mesh in hidden window screen pocket
- Vent lock
- See price list for additional options



## SLIDER HARDWARE

White, Beige or Sandstone windows come standard with matching hardware. Laminated wood colors come standard with Coppertone hardware.

Standard painted finishes

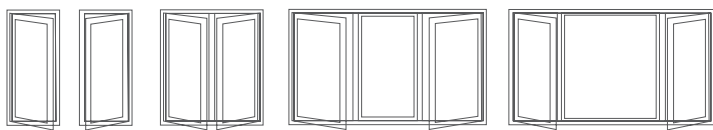


Optional decorative finishes



# CASEMENT

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



Additional configurations available.



## WELL-DESIGNED FOR YOUR EXPECTATIONS

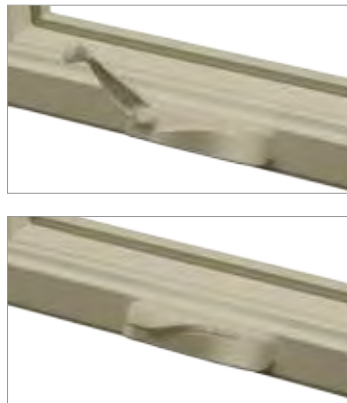
Durability, style and effortless operation. The washability hinge provides easy access to both inside and outside of sash for cleaning. The folding handle tucks conveniently out of the way of most window treatments and provides a clean, finished look.

### ENDURE™ CASEMENT STANDARD FEATURES:

- 3¼" frame depth
- SunShield® Vinyl
- ¾" ComforTech™ DLA-UV with optional 1" IGU ComforTech TLA-UV & TLK-UV
- Welded frame and sash construction
- Exterior glazing
- Neopor® Insulation
- Multi-point locking hardware system
- Washability hinge
- INNERGY® thermal reinforcements
- Square sash profile offers a traditional look that adds elegance to the sash
- Color-matched extruded aluminum screen with BetterVue® fiberglass mesh
- Optional simulated double hung meeting rail
- See price list for additional options



T-Mullion design with continuous head and sill adds structural integrity to mulled casement unit



Fold-away handle provides a clean, finished look in seven durable finishes



Matching durable lever for secure locking

### Casement Hardware

White, Beige or Sandstone windows come standard with matching hardware. Laminated wood colors come standard with coppertone hardware or upgrade to optional decorative finishes:



White

Beige

Sandstone

Coppertone

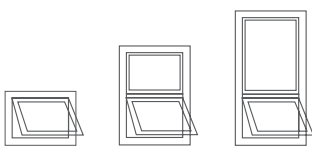
Antique Brass

Satin Nickel

Flat Bronze

# AWNING

Our Awning windows can make your home comfortable with the convenience of venting.



Additional configurations available.

## DURABILITY AND CONVENIENCE

The convenience of the design allows you to vent where you need it the most. The versatility of this window makes it a favorite for combining with a picture window.

### ENDURE™ AWNING STANDARD FEATURES:

- 3¼" frame depth
- SunShield® Vinyl
- ¾" ComforTech™ DLA-UV with optional 1" IGU ComforTech TLA-UV & TLK-UV
- Welded frame and sash construction
- Exterior glazing
- Neopor® Insulation
- Multi-point locking hardware system
- INNERGY® thermal reinforcements
- Square sash profile offers a traditional look that adds elegance to the sash
- Quick-release dual-arm operator
- Color-matched extruded aluminum screen with BetterVue® fiberglass mesh that snaps into place with no visible fasteners
- See price list for additional options

### AWNING HARDWARE

White, Beige or Sandstone windows come standard with matching hardware. Laminated wood colors come standard with coppertone hardware or upgrade to optional decorative finishes:



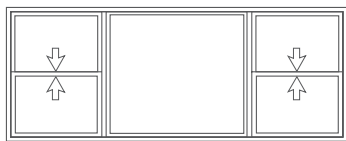
Fold-away handle and quick-release dual-arm operator



Matching durable lever for secure locking

# PICTURE

Picture windows provide abundant light, a spacious view, plus the benefits of home energy savings.



Additional configurations available.



## HASSLE-FREE STYLE

Add style and substance to any room with a picture window giving you a stand-alone and durable window with the beauty of natural light.

### ENDURE™ PICTURE STANDARD FEATURES:

- 3/4" frame depth
- SunShield® Vinyl
- 3/4" ComforTech™ DLA-UV with optional 1" IGU ComforTech TLA-UV & TLK-UV
- Welded frame
- Direct-set glass
- Interior glazing
- Sloped sill
- Neopor® Insulation
- See price list for additional options



# HOPPER

Ideal for limited spaces where ventilation is necessary.



## SIMPLE, YET FUNCTIONAL

The functionality of the Hopper transforms rooms where light and convenience are important.

### ENDURE™ HOPPER STANDARD FEATURES:

- 3¼" Frame Depth
- White Only
- SunShield® Vinyl
- ¾" Comfortech DLA-UV
- Extruded Aluminum Screen Frame
- Interior and Exterior accessory grooves
- Durable top mounting lock and hinge
- BetterVue® fiberglass mesh screen
- Size limits:
  - Width 16" to 30" with one handle
  - 30" to 48" with two handles
  - Height 12" to 32"



# SHAPES

Architectural Shapes give you personal design with distinctive style.



Additional Shapes available.



## WINDOWS WITH PERSONALITY

Our unique shapes will add additional light into your home while complementing your home's architectural design with distinctive style.

### ENDURE™ SHAPES STANDARD FEATURES:

- 3¼" frame depth
- SunShield® Vinyl
- ¾" ComforTech™ DLA-UV with optional 1" ComforTech TLA-UV & TLK-UV\*
- Neopor® Insulation
- Fully welded frame
- Direct-set glazing
- See price list for additional options



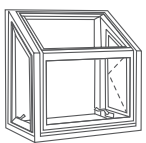
Optional Operating Octagon Shaped Window



\* Octagon window is constructed with 1" ComforTech DLA-UV.

# GARDEN

Garden windows bring the outdoors in, showcasing your horticultural expertise.



## VERSATILE MEETS FUNCTION

The garden window has been a long-standing favorite for those who like to provide a place in their home for extra light and space for foliage or herbs.



Unique multi-point locking system for a tighter seal and added security

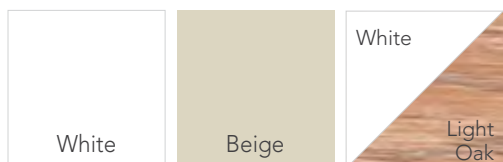
## ENDURE™ GARDEN WINDOW STANDARD FEATURES:

- ComforTech™ DC Warm Edge Glazing System
- Top sloped insulating glass is tempered
- Fully welded construction
- Completely assembled with unfinished 1¼" Oak veneer head, jamb & seat board
- Snap-in corner slope closure profile seals tight
- Twin sealing, fully screened operating casements with exterior glazing
- Easy access dual-point locking operator
- Fold-away handle
- Fiberglass FlexScreen

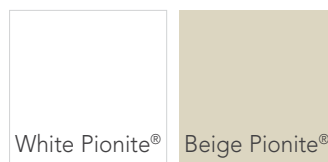
## OPTIONS:

- ComforTech DLA Warm Edge Glazing System
- Seat board also available in Birch Veneer, White or Beige Pionite (Pionite resists water damage)
- Insulated seat board
- Custom jamb depths available
- Tempered glass shelves

## GARDEN WINDOW COLORS



## HEAD, JAMB & SEATBOARD OPTIONS (upgrades)

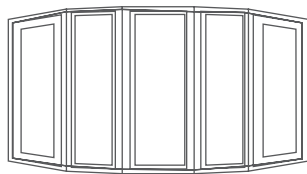
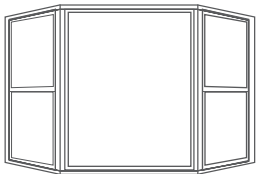


Color options: White with unfinished Oak inside & White outside. Beige with unfinished Oak inside & Beige outside. Light Oak with unfinished Oak inside & White outside.



# BAY & BOW

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



Additional configurations available.



## ENDURE™ BAY & BOW STANDARD FEATURES:

- ComforTech™ DLA-UV Warm Edge Glazing System
- Head, Seat and Jambs are unfinished 1¼" furniture-grade Birch or Oak plywood
- R-9 Dow® Tuff-R™ insulated seat board
- Interior stops and mullions 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 or Classic Bronze exterior have PVC exterior cladding painted to match

## OPTIONS:

- R-21 Dow® TherMax™ insulated seat board
- Roof and decorative brace kits
- Finished interior
- See price book for additional options

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

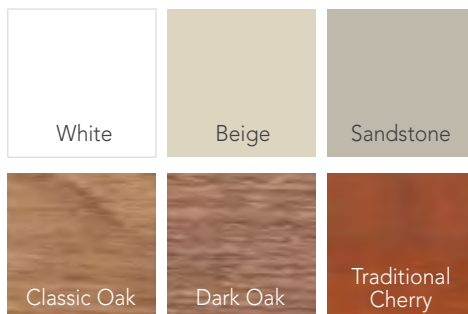


Bay Window - Hip Style Roof

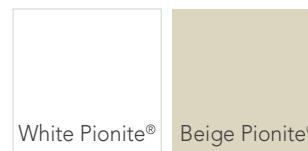


Bow Window - Hip Style Roof

## Interior Finishing Option



## Interior Laminated Pionite®



# 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.

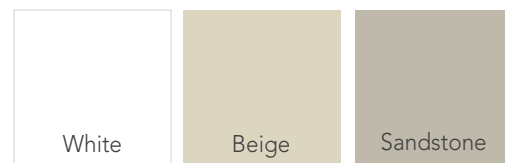
**D Window Panning System:**

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.



**E PVC Exterior Cladding**

The exterior is PVC vinyl wrapped. Available colors:



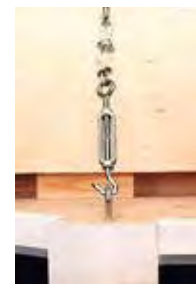
**Roofing Color Selection Guide:**

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



**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

**Knee Braces:**

Choose from two designs made from ¾" Poplar and matches the exterior window color.



Standard  
1¼" thick



Deluxe  
2½" thick

# 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    3 1/2" Flat

## Additional Interior Trim Options



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

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

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



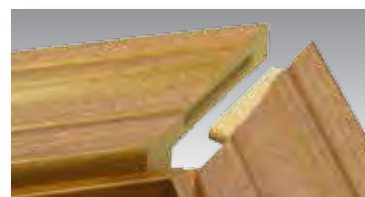
Shoemold Interior Stop  
3/4" W x 1/2" H



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



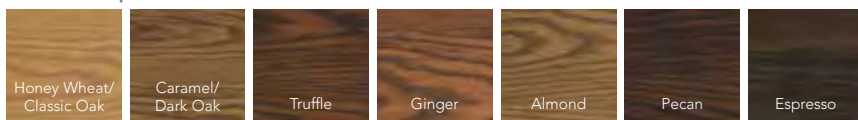
Rosette  
3 7/8"



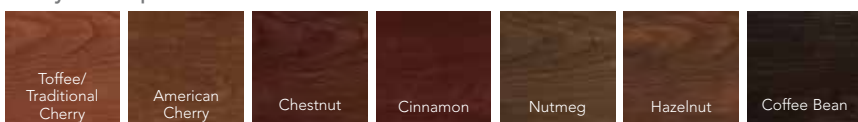
Mitered casing with high quality mortise and tenon corner locking system ensures strength and durability.

## Interior Stain Finishes

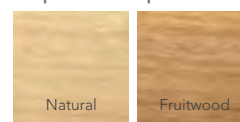
### Oak Wood Species



### Cherry Wood Species



### Maple Wood Species



## Interior Paint Finishes



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



# 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.

CHINCHILLA (CHI)



TAFFETA (TAF)



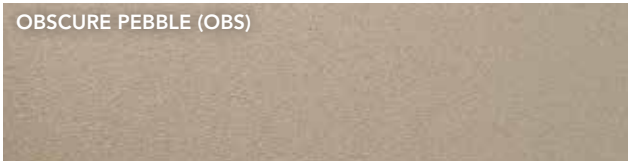
WATERFALL (WAT)



GLUECHIP (GLC)



OBSCURE PEBBLE (OBS)



## Tint Options

Our tinted glass can help reduce on 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



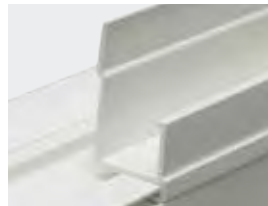
Blue Tint (Azuria®)

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

# ACCESSORIES



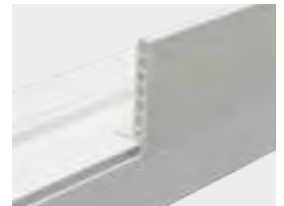
Brickmold Nail Fin with J-Channel



Nail Fin with J-Channel



Nail Fin  
Bronze only. All other windows come with Integral Nail Fin (not shown)



Stucco Flange



Drywall Return



0° Mullion



Accessory Groove Strip

# OUR PRODUCTS

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](http://provia.com)

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







# ENDURE™

## WINDOWS

"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  
**provia.com**

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