



AERIS[™]

PATIO DOORS

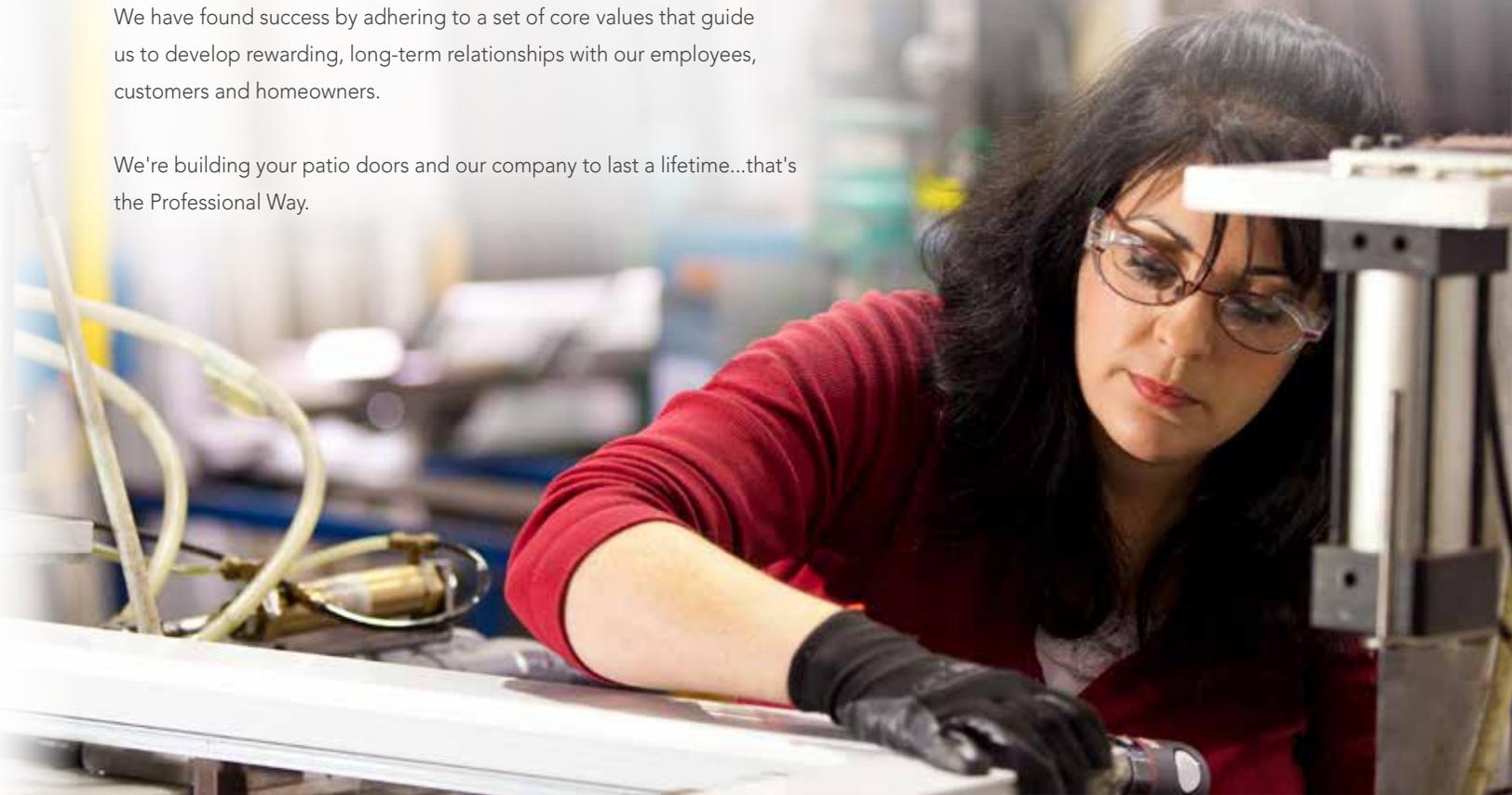
THE BEAUTY OF WOOD INSIDE

THE PROFESSIONAL WAY

ProVia® has developed a competitive position by catering to a niche market that demands a high degree of customization coupled with superior quality. You will find attention to detail is what our customers have come to appreciate and expect from us. Our family owned, faith-based company defines our products as "professional class".

We have found success by adhering to a set of core values that guide us to develop rewarding, long-term relationships with our employees, customers and homeowners.

We're building your patio doors and our company to last a lifetime...that's the Professional Way.



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/warranty for more details.



A SMART CHOICE FOR ENERGY EFFICIENCY

PROVIA® IS A RECOGNIZED LEADER IN ENERGY STAR® CERTIFIED DOORS AND WINDOWS

ProVia's ENERGY STAR certified doors and windows are independently tested and certified to meet strict energy-efficiency standards set by the Environmental Protection Agency (EPA). The EPA has awarded ProVia ten times, four for Partner of the Year, four for Partner of the Year – Sustained Excellence, and once for Excellence in Promotion. Most recently, ProVia was awarded ENERGY STAR Partner of the Year - Sustained Excellence for Door and Window Manufacturing.

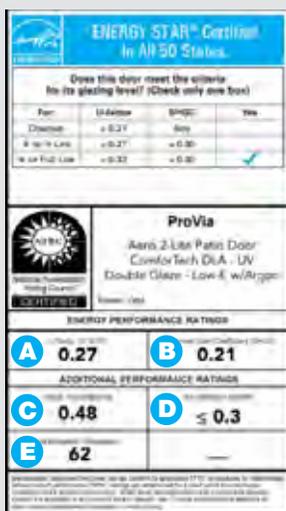


AERIS™ REAL WOOD INTERIOR PROVIDES BEAUTY & STYLE WITH HIGH PERFORMANCE ENGINEERED DESIGN

ProVia is committed to manufacturing Aeris patio doors using the highest quality frame and sash designs along with energy efficient glazing systems for years of performance and distinctive beauty.

Tested against the most stringent requirements for air and water infiltration, wind load resistance, ease of operation, forced entry and more, Aeris components are inventively designed to create a remarkably energy efficient patio door, keeping unwanted heat and cold out of your home.

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



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.

BUILT-IN PERFORMANCE





Galvanized steel reinforced panels ensure rigidity and stable operation.



Sill is reinforced with galvanized steel. Pair that with our patented water draining system, and the results are an efficient and durable base for our patio door.



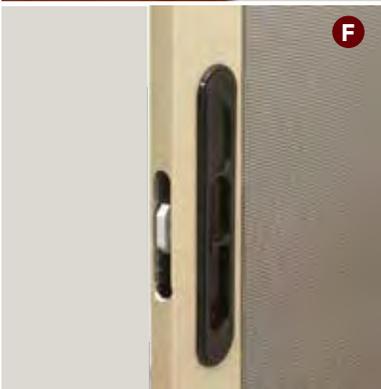
Strong, multi-chamber profiles with Neopor® insulation and 4 $\frac{1}{8}$ " frame depth offer greater thermal efficiency and increased sound abatement.



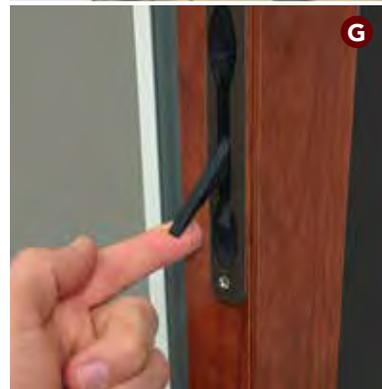
Suspended by ball bearing rollers this top-hung heavy-duty aluminum screen frame with BetterVue® fiberglass mesh reduces binding, creating effortless operation.



Patented sliding system features four adjustable 1" wheels per operating panel to ensure smooth, easy and quiet operation.



Spring-loaded latch system automatically engages upon closing. Latch also includes interior locking feature. BetterVue® fiberglass mesh is standard; heavy-duty fiberglass, stainless steel or aluminum mesh is optional.



AccuVent™ is ProVia's proprietary design featuring a sash lever (G) combined with a top mounted ratchet and lock system (I) allowing multiple venting locations and peace of mind.



Fixed and mobile panel rails meet and interlock perfectly, making removal from the outside virtually impossible. Lower sill design provides safer entry and exit.



GLASS PACKAGES

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



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.



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%	5.0%
ComforTech TLA	6	0.17	0.34	59%	6.9%
ComforTech TLA-UV	6	0.16	0.24	46%	0.7%
ComforTech TLK	9	0.11	0.34	59%	6.9%
Comfortech TLK-UV	9	0.11	0.23	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



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:

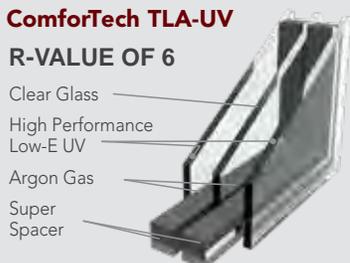
- Damaged wood
- Peeling paint
- Rotting frames
- Mold growth
- Unsightly appearance

ComforTech TLK-UV
R-VALUE OF 9



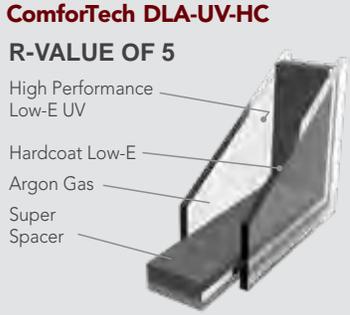
- Ultimate energy savings in a triple glazed unit
- High Performance Low-E coating with increased UV protection applied to two surfaces of glass
- Both insulating chambers are filled with Krypton gas
- 1" IGU thickness

ComforTech TLA-UV
R-VALUE OF 6



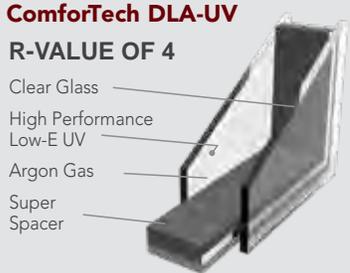
- Combat colder weather with triple glazing
- High Performance Low-E coating with increased UV protection applied to two surfaces of glass
- Both insulating chambers are flooded with Argon gas
- 1" IGU thickness

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.

INSPIRATIONS™ ART GLASS

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

Design

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

Resin Bead

The design pattern is created on computer software and sent to a CNC machine, which applies a resin bead to the surface of the glass in one of 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 a Lifetime Limited Warranty, and will not fade, blister or peel away from the glass.



Explore Available Styles

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

Note: All Inspirations Art Glass requires additional lead times

A PROVIA EXCLUSIVE

The greatest advantage of Inspirations Art Glass is the opportunity you have to add color to your glass. We've created a variety of unique color palettes to suit your home's style.

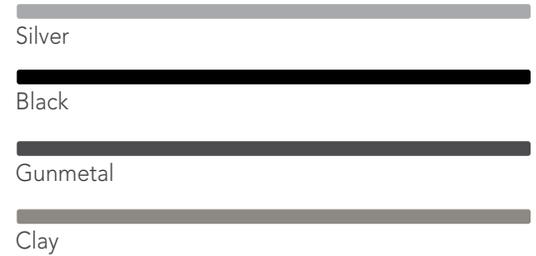
We also offer four resin bead colors: Silver, Black, Gunmetal and Clay. Combine your favorite color palette and bead color with your choice of design to show your personality on your home's entryways and windows.

Color Palettes



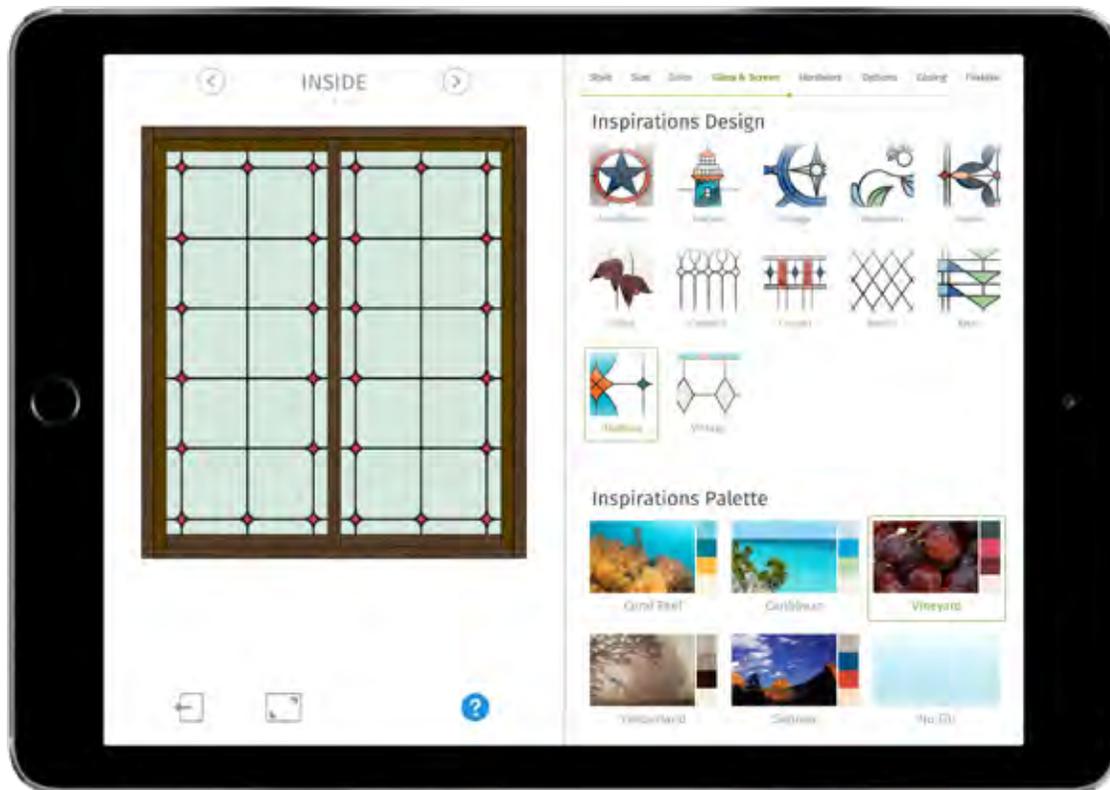
* Increases transparency on textured glass and resembles aged glass

Resin Beads



Creating your own Inspirations Design Is Easy

Design your own unique color palette just the way you want it using our iPad app or ProVia Studio.



Visit the App Store to download your free app today!



COLOR FINISHES

Aeris™ patio doors feature factory finished real-wood interiors. Stain colors and grain patterns may vary slightly, giving your patio door an authentic look.

Exterior Vinyl Colors



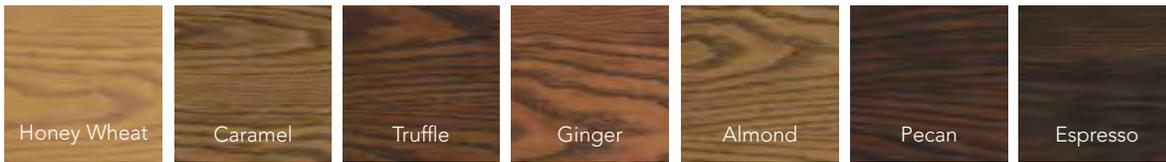
TUFTEX Smooth Cladding Colors

Aluminum trim coil with mar-resistant smooth finish.



Interior Stain Finishes

Oak



Cherry



Maple



Interior Paint Finishes Available on Maple interiors only

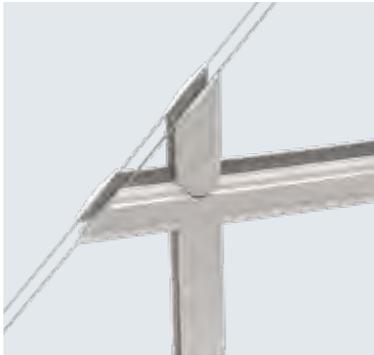


Always refer to our color selector for accurate color representation.



GRID STYLES AND PATTERNS

Available on all patio door styles.



External Grids Simulated Divided Lites (SDL)

Simulated Divided Lites mimic the look and feel of an Old World wood patio door made with state-of-the-art materials. Grids are applied to both the interior & exterior of the glass.



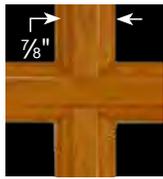
Internal Grids (Triple Glazed Glass)

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



Internal Grids (Double Glazed Glass)

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



7/8" SDLs are available in White, Beige, Sandstone and Classic Bronze exteriors. Please refer to page 8 for all interior paint and stain color options.

Grid Styles



Contoured



Flat

Colors Available for Contoured and Flat Grids.



Please refer to color selector for accurate color representation.

Grid Patterns



Colonial 2V5H



Cottage 1V2H



Single Prairie



Cottage TS-2V1H



Double Prairie Grids

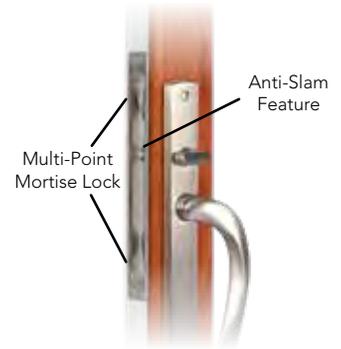
Additional grid patterns available. See price list for more information.



HARDWARE

Aeris™ patio doors come with multi-point Mortise lock hardware.

Schlage® C Keyway on all keyed locking handles allow single key entry for the entire house.



Standard Hardware with Keylock



Optional Hardware



Keyed hardware also available with White interior and Beige or Sandstone exterior.



INTERNAL BLINDS

Internal blinds in your Aeris patio door give you exceptional privacy and light control.

Blinds tilt, raise and lower using convenient fingertip adjustment slides

Easy to clean - no more dusting of blinds

Blinds available in white only for 1, 2, 3 and 4 lite models
(N/A in 50" x 80" or 96" x 80" sizes)

10-Year Limited Warranty

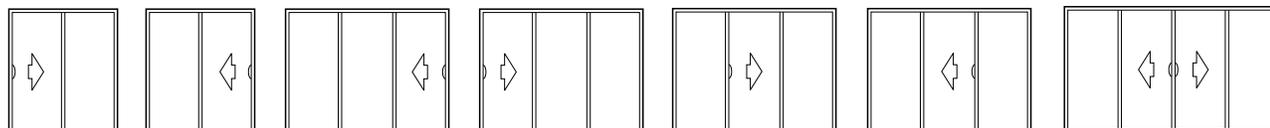


Blinds with Low-E on surface 2 & 4 are ENERGY STAR® Certified nationwide.

CONFIGURATION

Aeris patio doors are available in 2, 3 or 4-panel configurations in standard or custom sizes.

All 8' wide units can be ordered assembled or knocked down.



Fixed sidelites



Transoms

GLASS OPTIONS

Privacy Options

In some locations, you may want glass that allows light to filter in, while keeping a high level of privacy.



CHINCHILLA (CHI)



TAFFETA (TAF)



WATERFALL (WAT)



GLUECHIP (GLC)



OBSCURE PEBBLE (OBS)

Tint Options

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
- Ultra Violet light protection



Bronze Tint (Solarbronze®)

- High visible light transmittance
- Warm glow to interior decors
- Complements brick and stone facades
- Exterior subtle richness



Green Tint (Solexia®)

- Subdues interior brightness
- High visible light transmittance



Blue Tint (Azuria®)

- Low shading coefficient
- High visible light transmittance

ACCESSORIES

Exterior accessories give your home a completely finished look. Accessories can be ordered factory-installed or shipped loose. Available in White, Beige, Sandstone or Classic Bronze.



Brickmold Nail Fin with J-Channel



Brickmold with J-Channel



Double Cover



Groove Nail Fin



Nail Fin



Nail Fin



Interior Trim



0° Mullion



Stucco Flange

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

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.

Browse our full line of products at
provia.com



DOORS





WINDOWS

SIDING

STONE





“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 Door and Window Manufacturing.



Doors • Windows • Siding • Stone
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