AERIS™
PATIO DOORS

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

ProVia®
THE PROFESSIONAL WAY

ENERGY STAR PARTNER

PROVIA BUILDS PATIO DOORS THE PROFESSIONAL WAY

ProVia® has developed a competitive position by catering to a niche within the patio door market that demands a high degree of customization coupled with supreme 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 to 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

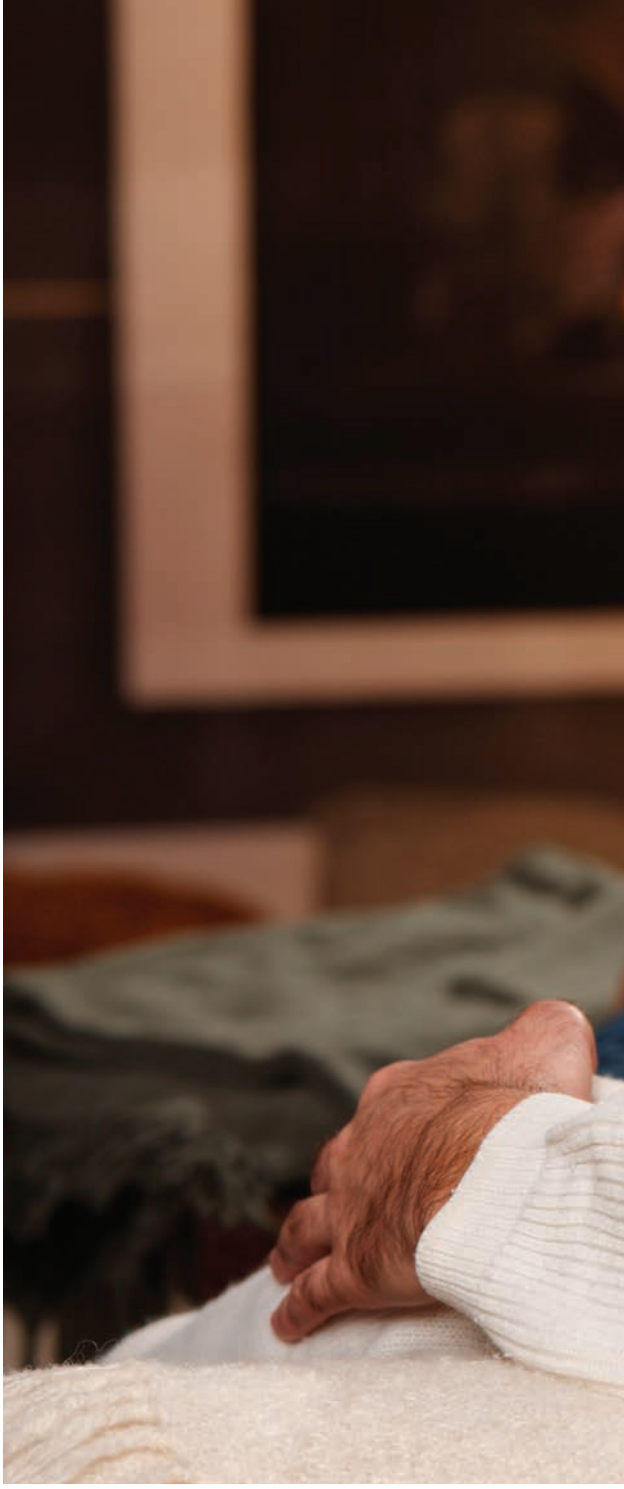
If you ask around, you'll find attention to detail is what our customers have come to appreciate and expect from the ProVia brand. Our company is family-owned and faith-based with an intense focus on producing Professional-Class products.

ProVia feels so strongly about the performance and workmanship of our new patio door 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 a subsequent owner. You can visit our website provia.com for details.

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

ENJOY COMFORT

The Aeris™ Patio Door Series has been independently tested to meet strict energy efficiency standards and is ENERGY STAR® Certified. Aeris brand patio doors 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.



BEAUTY & ENERGY EFFICIENCY

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

PEACE OF MIND

Lifetime Limited Warranty
Includes Glass Breakage & Seal Failure

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 for more details.

ENERGY STAR® CERTIFIED PRODUCTS

A SMART CHOICE

SAVE ENERGY • PROTECT OUR ENVIRONMENT

Aeris Patio Doors 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 patio doors using the highest quality frame and sash designs along with energy efficient glazing systems.

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.

HIGHER PERFORMANCE

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

Sit back, relax and try to enjoy a bit more family time. Your real gratification comes when you discover just how well your new ProVia® patio door keeps unwanted heat and cold out of your home. Aeris components are inventively designed and come together to create a very energy efficient patio door.

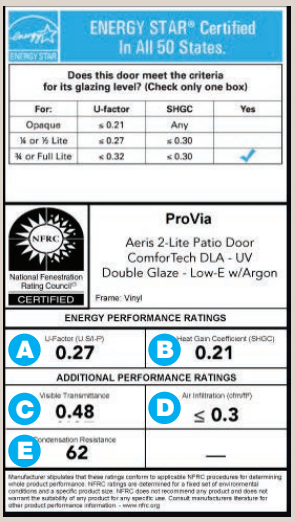
The frame and sash construction of Aeris patio doors exceed industry standards and are tested against the most stringent requirements for air and water infiltration, wind load resistance, ease of operation, forced entry and much more.

We can stop those wasteful drafts

When you feel air moving through your patio door, you know you're not only wasting energy, you are losing hard-earned money. Aeris patio doors work constantly to reduce air infiltration with weatherstripping.

True maintenance freedom

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



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.

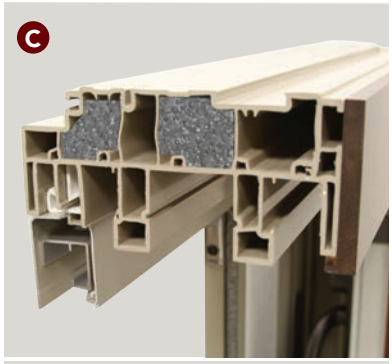
CONSTRUCTION

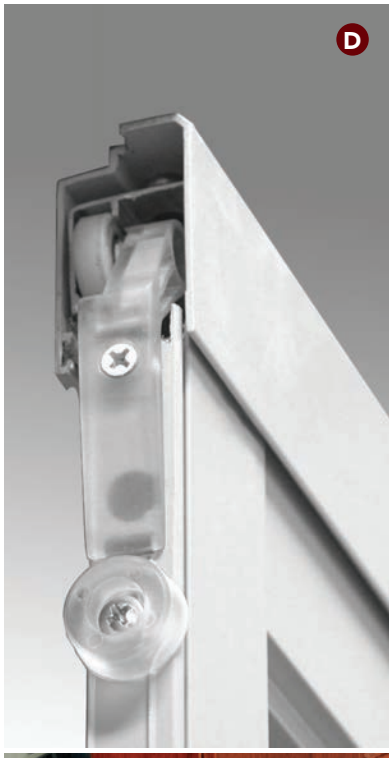
The Aeris™ patio door's standard features are simplified to what matters most.

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 5⅜" 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 or stainless steel. Aluminum mesh is optional.

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

Aeris Patio Door 72" x 80"

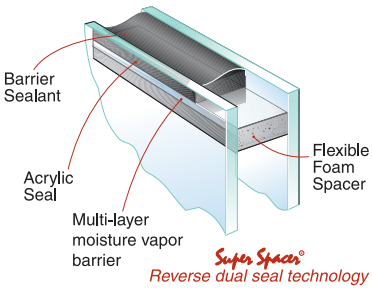
Test	Test Specification	Results
Air	AAMA/WDMA/CSA 101/I.S.2/A440-08 par. 5.3.2.2 & ASTM-E283-04	0.01 cfm/ft² @ 25 mph
Water	AAMA/WDMA/CSA 101/I.S.2/A440-08 par. 5.3.3.2 & ASTM-E547-00 (2009)	9.00 psf
Structural	AAMA/WDMA/CSA 101/I.S.2/A440-08 par. 5.3.4.3 & ASTM-E330-02 (2010)	DP60 155 mph

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

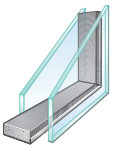
Most of your new patio door is glass...that's why we feature the ComforTech Warm Edge Glazing System featuring Super Spacer on all Aeris™ patio doors. This offers you reduced heat loss, warmer glass temperature and reduced interior condensation. All our ComforTech products have passed stringent testing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



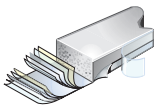
ComforTech™
Warm Edge Glazing System

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% tdw ISO 0.74
ComforTech DLA	4	0.26	0.40	72%	20% tdw ISO 0.55
ComforTech DLA-UV	4	0.26	0.27	64%	5.9% tdw ISO 0.43
ComforTech DLA-HC	5	0.21	0.38	68%	18% tdw ISO 0.51
ComforTech DLA-UV-HC	5	0.21	0.26	60%	0.5% tdw ISO 0.40
ComforTech TLA	6	0.17	0.34	59%	6.9% tdw ISO 0.40
ComforTech TLA-UV	6	0.16	0.24	45%	0.7% tdw ISO 0.28
ComforTech TLK	9	0.14	0.34	59%	6.9% tdw ISO 0.40
Comfortech TLK-UV	9	0.13	0.24	46%	0.7% tdw ISO 0.28

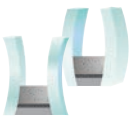
Above chart reflects center of glass data. Refer to our thermal performance calculator on our website for NFRC and climate zone criteria.



The No-Metal Advantage
Thermal efficiency through no presence of conductive metals is the Super Spacer hallmark.



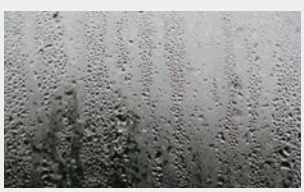
Mylar 10-Layer Vapor Barrier
The Super Spacer thermoset foam matrix is exceptional. Moisture is kept out, gas is kept in and conductivity is virtually nonexistent.



Lasting Appearance
The design of our Warm Edge Glazing System stands up to the bending and bowing that is natural in any glass unit.

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

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:

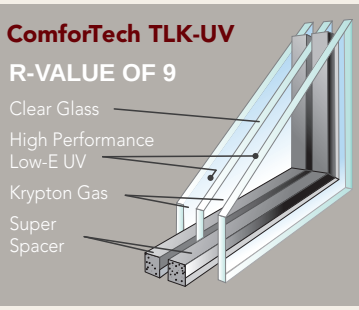
- Damaged wood, peeling paint and rotting frames
- Can contribute to mold growth
- Looks unsightly

ComforTech™
Warm Edge Glazing System

Insulated Glass Options *(Additional configurations available, see price list for details)*

ComforTech TLK-UV

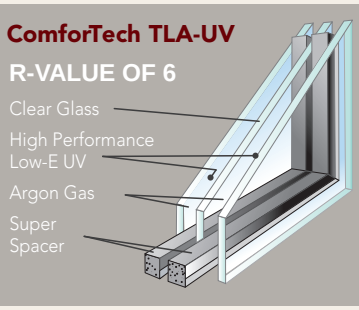
R-VALUE OF 9



- 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

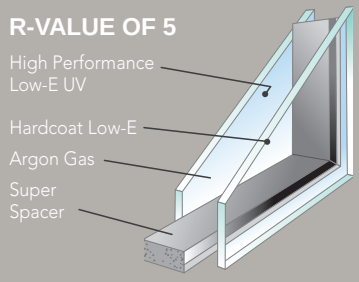
R-VALUE OF 6



- 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

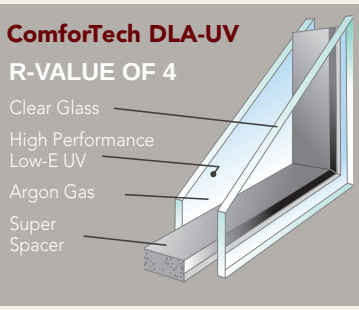
R-VALUE OF 5



- 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.

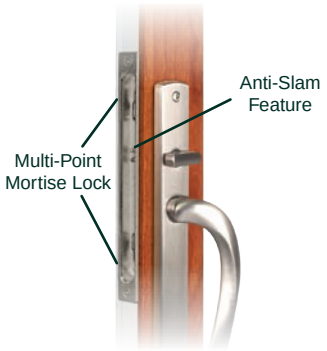
- All R-Values are based on center of glass calculations using software from Lawrence Berkeley National Laboratory.

HARDWARE

Hardware

Our Aeris™ Series 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

with Keylock

without Keylock

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

INSPIRATIONS™
art glass

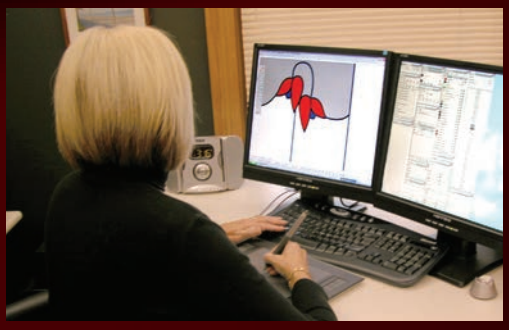
Reflections of Your Imagination
Inspirations Art Glass allows you to do just what the name suggests, let your doors and windows reflect the inspiration of your imagination with your choice of design and color.

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 patio door.

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

246-6 | 238-1 | 18-4 ✓ | 2-9

Caribbean Color Palette

218-8 | 255-4 | 286-6 | 9-9

Vineyard Color Palette

327-3 | 111-2 | 322-3 ✓ | 9-9

Timberland Color Palette

6 ✓ | 9 | 412 | 9-9

Sedona Color Palette

6 | 217-1 | 74-2 | 49-8

Clear Fill◆ | No Fill

◆ Increases transparency on textured glass and resembles aged glass

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.

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

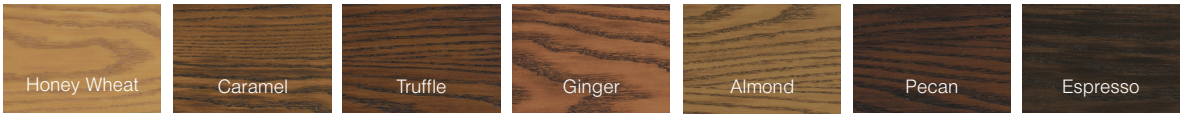
Choose From Many Colors, Stains and Options to Accommodate Your Particular Style

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

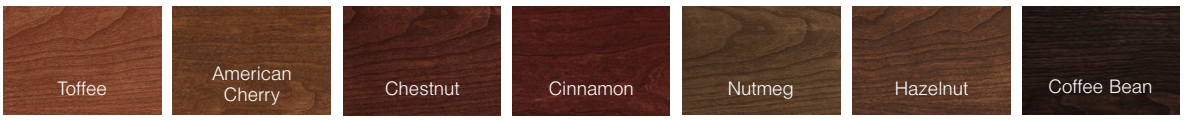
Exterior Colors

Interior Stain Finishes

Oak Wood Species



Cherry Wood Species



Maple Wood Species

Interior Paint Finishes

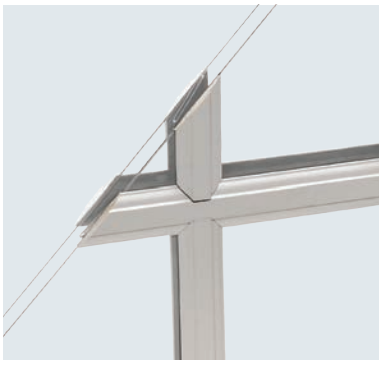
Only available on Maple interiors

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

GRIDS

Internal Grids

Available on all patio door styles. Additional grid patterns available, see price list for more information.



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.

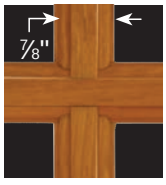
Internal Grids (Triple Glazed Glass)

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 the two panes of glass.

SDL



- ⅞" Simulated Divided Lite
- Applied to the exterior and interior surfaces of glass unit
- Available in all patio door color combinations

Grid Types

Contoured

Flat

Colors Available for Contoured and Flat Grids.

Please refer to color selector for accurate color representation.

Sample Grid Patterns

Colonial 2V5H

Cottage 1V2H

Single Prairie

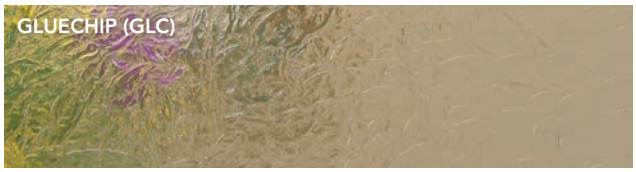
Cottage TS-2V1H

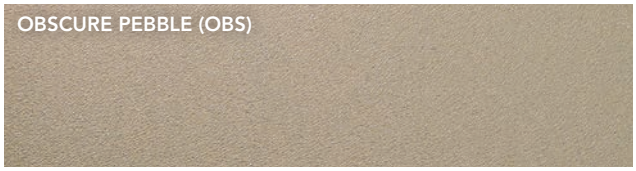
Double Prairie Grids

GLASS OPTIONS

Privacy Options

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





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

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.

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

OPTIONS

Aeris™ Series options allow you to customize your patio door with the look you want.

Internal Blinds*

- Blinds tilt, raise and lower using the convenient fingertip adjustment slides
- Easy to clean; no more dusting of blinds
- Available in White blinds only
- Available in 1, 2, 3 and 4 lite models (N/A in 50" x 80" or 96" x 80" sizes)

10-Year Limited Warranty

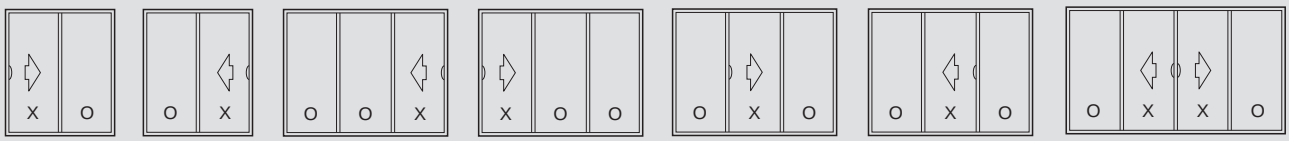
*Internal Blinds provide exceptional privacy and light control.

ENERGY STAR PARTNER

Blinds with LowE on surface 2 & 4 are ENERGY STAR® Certified nationwide.

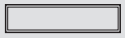
Configuration

Available in 2, 3 or 4-panel configurations and standard or custom sizes.
All 8' wide units can be ordered assembled or knock-down.



O = Fixed X = Operable

fixed sidelites



transoms

OUR PRODUCTS

— 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.

ProVia®
THE PROFESSIONAL WAY

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

AERIS™ PATIO DOORS

"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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P-MK-02550-16 3/16 10M

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