

ENDURE PATIO DOORS



— ENDURE™ —
PATIO DOORS
STUNNING ENERGY EFFICIENCY

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

**MULTI
TIME**

Partner of the
Year Award



90%+ of Windows and Doors
are ENERGY STAR®
Certified

40+ Professional-Class
Exterior Building
Product Lines

DOORS • WINDOWS • SIDING • STONE



6 Facilities in the United States

900+
Associates Nationwide

Our Mission:

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

Doing Business Since

1977

19

Core Values

200+

Metric Tons of CO²
Saved Annually

400+ Tons

of Aluminum, Brass and
Steel Recycled Annually

Visit provia.com or download our app to
explore all of ProVia's products and options.





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WHY CHOOSE VINYL

YOUR VERSATILE PATIO DOOR SOLUTION

Endure™ patio doors are constructed of an exclusive PVC formula, consisting of a unique mixture of resin and additives. A vinyl extrusion ensures long-lasting color retention and low maintenance, plus the added confidence of a warranty against rotting, cracking, pitting, corroding and peeling. The PVC formula gives the Endure patio door a very durable and rigid frame. The Endure patio door is truly a unique product, offering both solid vinyl and woodgrain laminate colors to suit your needs.

Customize your patio door by choosing the size, number of panels, interior and exterior colors, hardware finish and glass package. The design options are virtually endless!

WHAT TO EXPECT WITH YOUR ENDURE PATIO DOOR

Galvanized Steel Reinforced Panels and Sill

Patented Water Drainage System

Multi-Chamber Profiles with Neopor® Insulation

Patented Sliding System with 4 Adjustable 1" Wheels per Panel

Top-Hung Aluminum Screen Frame with BetterVue® Fiberglass Mesh

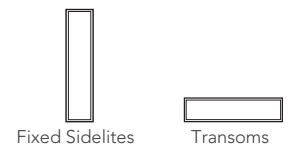
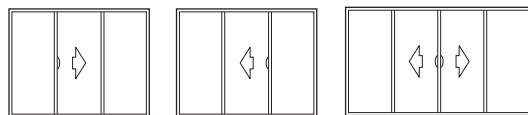
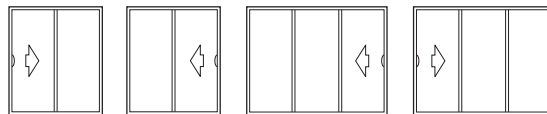
Spring-Loaded Latch System Automatically Engages Upon Closing

Proprietary AccuVent™ Allows Multiple Venting Options

Perfectly Interlocking Fixed and Mobile Panel Rails

A PATIO DOOR TO FIT YOUR HOME

Two, Three or Four Panel Options



LIFETIME
— LIMITED WARRANTY —

UNDERSTANDING YOUR PATIO DOOR FEATURES

VENTING AND SECURITY

AccuVent™

AccuVent is ProVia's proprietary design featuring a two-part interconnecting system at the sash rail and a ratcheting option at the top of the patio frame giving you multiple venting options. This will be standard on your Endure™ patio door. Footlock is available as an option.



Top Ratchet



Sash Lever

AccuVent has a clean, sophisticated look with an ergonomic finger-tipped lever designed for ease of use.

Footlock



Optional Footlock

Choose a footlock if multiple venting options are not needed, but you would like additional security.



INSULATION

Neopor®

Neopor is a graphite polystyrene rigid foam insulation that gives maximum efficiency and sustainability in building products. It is comprised of many small pockets of air within a polymer matrix containing graphite. The graphite reflects radiant heat energy like a mirror, increasing the material's resistance to the flow of heat, or R-value. Most polymer-based foams exhibit a greater ability to slow the movement of heat as the temperature decreases; however, Neopor is unique because it increases R-Value as the temperature outside drops.



The vinyl profiles used in an Endure™ patio door are designed with premium wall cavities providing the highest levels of efficiency. This strong and rigid vinyl extrusion keeps you comfortable in your home without the need for insulation.

To provide further comfort, ProVia® uses Neopor insulation in certain cavities for even greater performance. Therefore, you can rest assured both the patio door frame and sash, along with the Neopor insulation are effectively regulating the temperature inside your home.

WEATHERSTRIPPING

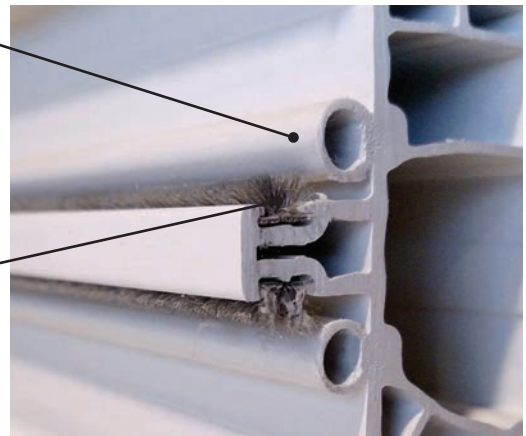
Weatherstripping is a very important part of preventing air from coming into your home. ProVia's patio doors have weatherstripping on the frame and sash, ensuring you get a good seal at the important locations where air could pass through.

Bulb Seal

Bulb seals are seamless closed-cell compression seals that prevent water from penetrating the foam cell structure. Its extruded skin provides a unique UV resistant barrier with design features that enhance the weatherstrip's sealing performance.

Barrier-Fin

Seal woven and extruded pile weatherstripping with fin provides a very effective barrier against air, water, dust and noise, sealing against even and uneven surfaces with resistance to abrasion.



TEST SPECIFICATIONS

Endure Patio Door 71" x 82"

Test	Test Specification	Results
Air	AAMA/WDMA/CSA 101/I.S.2/A440-08 par. 5.3.2.2 & ASTM-E283-04	0.04 cfm/ft ²
Water	AAMA/WDMA/CSA 101/I.S.2/A440-08 par. 5.3.3.2 & ASTM-E547-00	9.00 psf
Structural	AAMA/WDMA/CSA 101/I.S.2/A440-08 par. 5.3.4.3 & ASTM-E330-02	R-PG55 148mph

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

YOUR SCREEN OPTIONS

STANDARD

BetterVue® Fiberglass

Your Endure™ patio door will come standard with a top-hung aluminum frame with BetterVue fiberglass mesh, which can be easily removed for regular cleaning and maintenance.

BetterVue screen mesh is very durable and flame retardant, providing an enhanced view, increased insect protection and improved airflow.

The "Clear & Clean Technology" features a hydrophobic coating that will not wash off, which allows the screen to shed water and debris from a rainstorm or garden hose. This means your screen virtually eliminates window panning, a process by which the water fills the open squares in the screen.

Now Featuring Phifer's®



OTHER OPTIONS

SeeVue® Stainless Steel

Much stronger than the standard insect screen, this stainless steel screen is excellent for patio door applications. It is black coated for improved visibility and allows superior airflow.

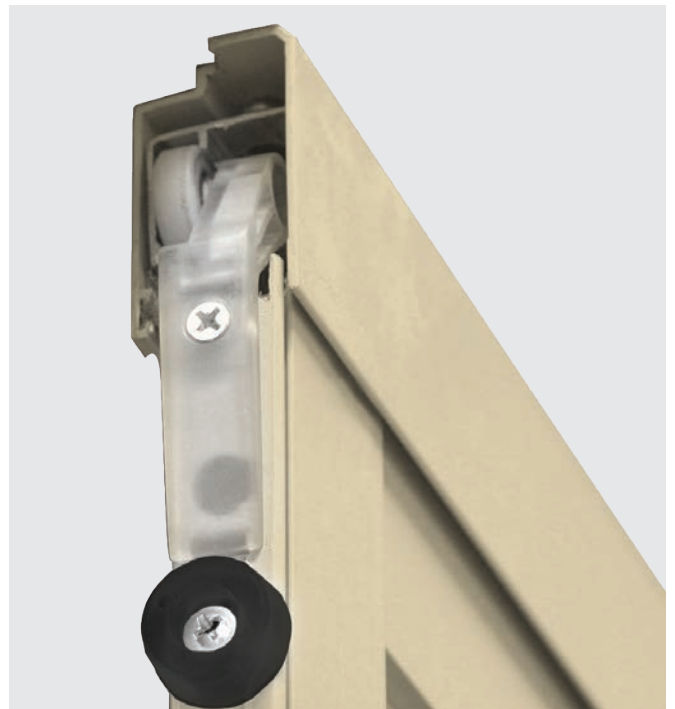
If you're looking for a stronger alternative to the BetterVue screen, upgrade to a SeeVue.

Also available: [Aluminum and Heavy Duty Fiberglass Screen Mesh](#)

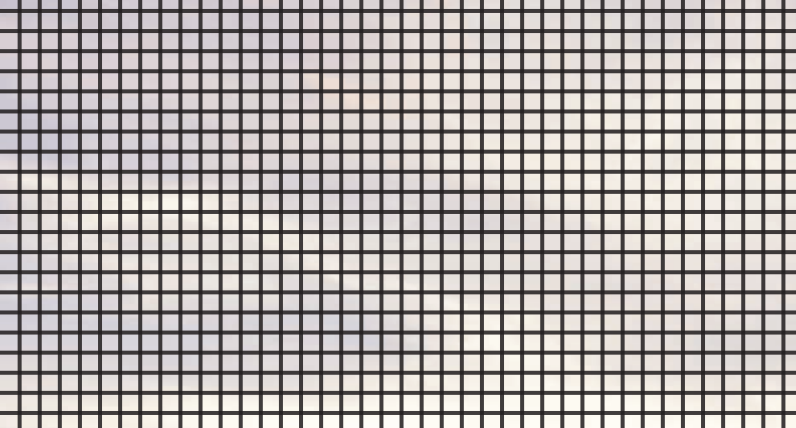
SCREEN FEATURES



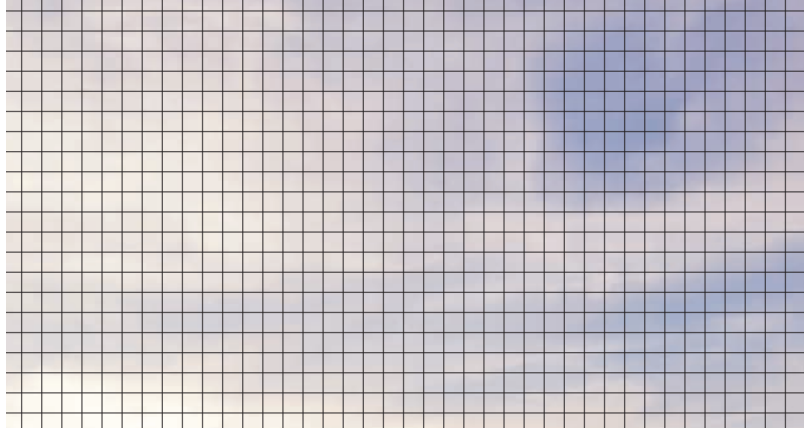
Spring-loaded latch system automatically engages upon closing with its interior locking feature. Picture is shown with BetterVue® fiberglass mesh. Heavy-duty fiberglass, stainless steel or aluminum mesh is optional.



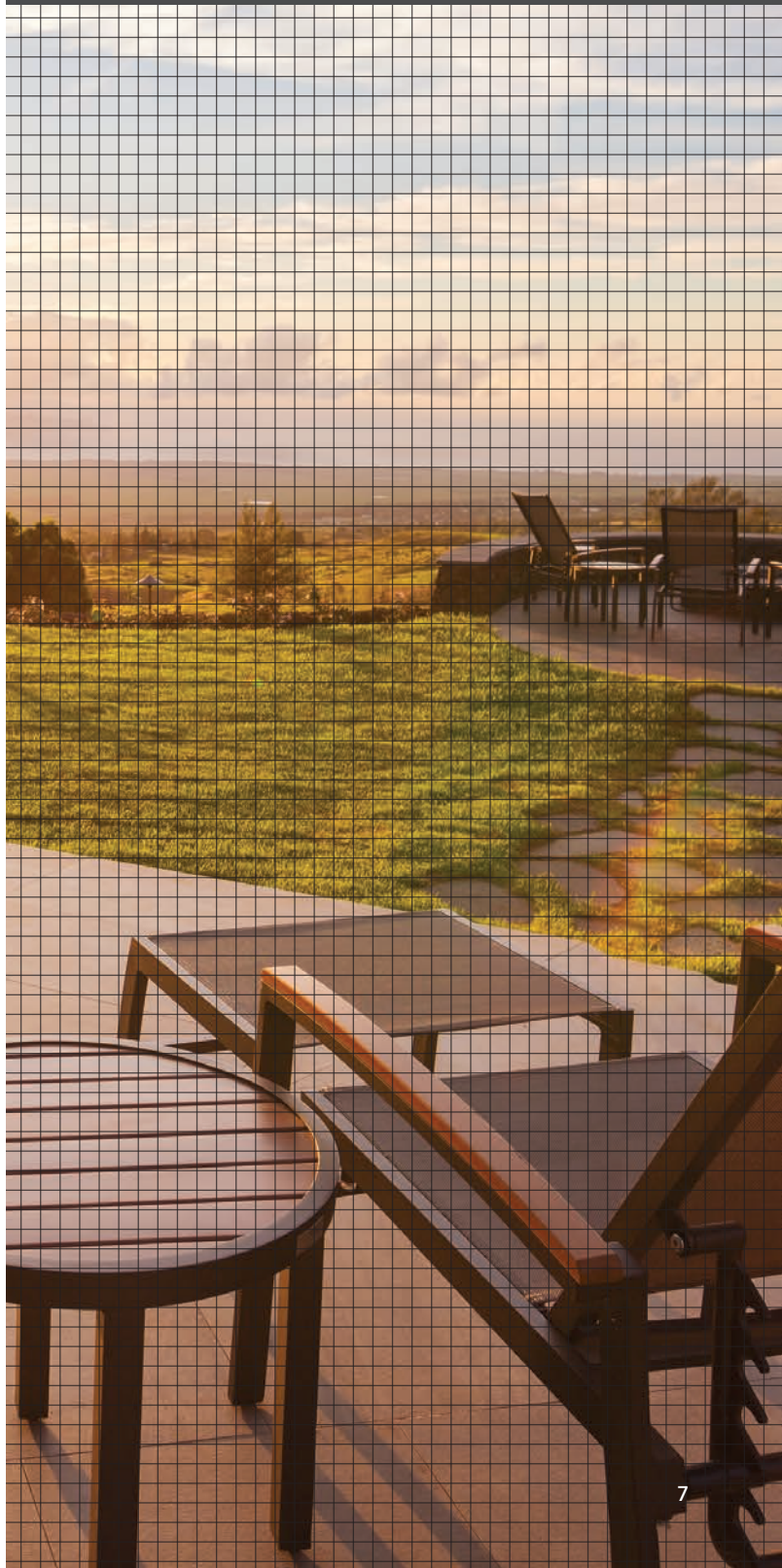
Suspended by ball bearing rollers, this top-hung heavy-duty aluminum screen frame reduces binding, creating effortless operation.



Standard Insect Screen



BetterVue® Screen

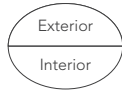




CHOOSE YOUR COLORS

Endure™ patio doors are available in appealing woodgrain interior colors, along with four popular exterior vinyl colors.

Exterior/Interior Colors



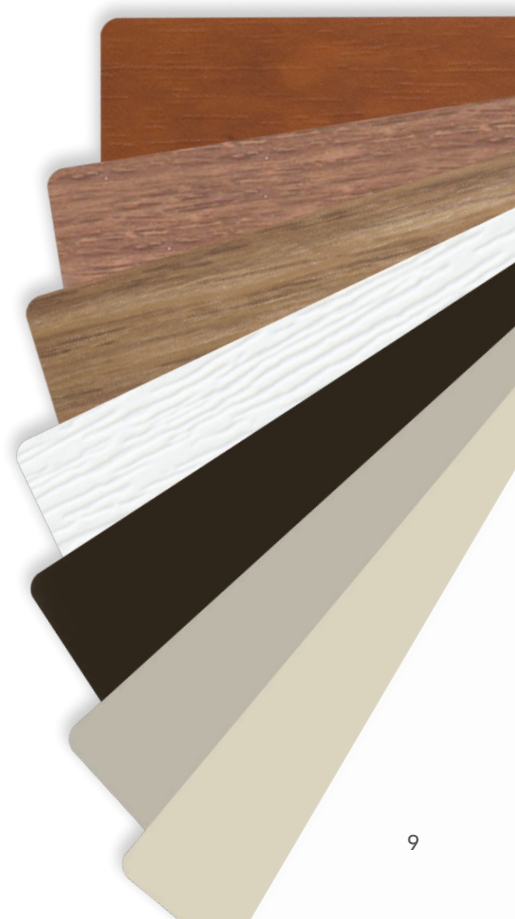
Classic Oak, Dark Oak, Traditional Cherry, White Woodgrain and Classic Bronze are laminated options.

TUFTEX Smooth Cladding Colors

Aluminum trim coil with mar-resistant smooth finish



Please refer to our color selector for accurate color representation.



UPGRADE TO A PAINTED EXTERIOR

Complement the exterior of your home with a painted patio door to give your house a distinctive look. Choose from one of ProVia's standard paint colors (shown below) or use your imagination and custom-match ANY color of your choice.

The factory-applied paint finish maintains long-lasting color due to its exceptional UV and heat reflective properties. Choosing to paint the exterior of your patio door means no worry of peeling, flaking or blistering.

Paint finish will have a 15-year warranty. If you choose a painted exterior, allow for additional lead time.

Exterior Paint Finish Options



Please refer to our color selector for accurate color representation.



Custom-Matched Paint Colors

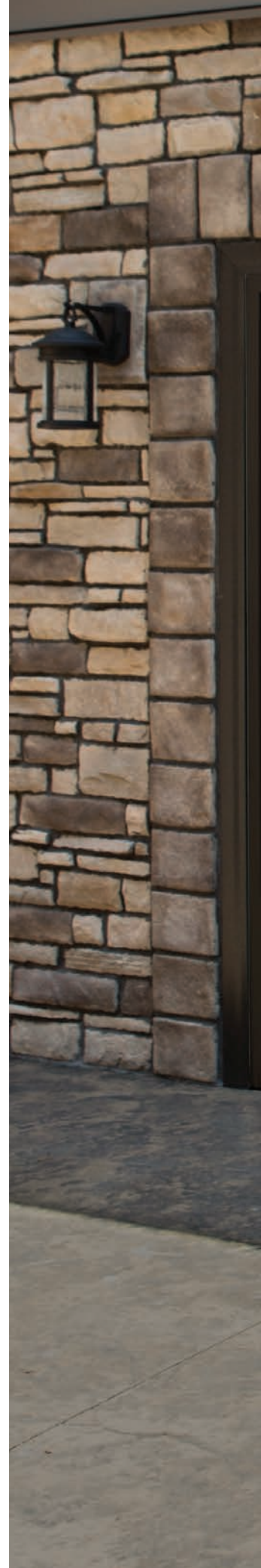
How to Order Custom Painted Patio Doors

1. Visit a Sherwin Williams paint store and select a paint color of your choice.
2. Specify the selected color name and paint number from the paint color swatch at the time of order.

OR

1. Provide your dealer with 3 samples of the selected color from any store for ProVia® to match.*

**Homeowner sign off is required on all custom color matches.
Color match fee applies.*

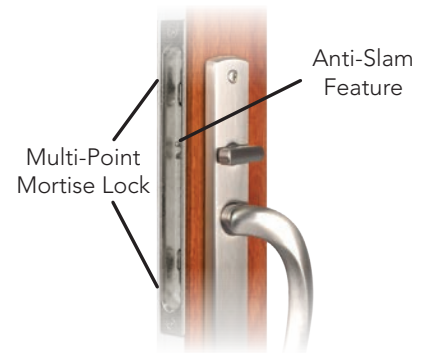




SELECT YOUR HARDWARE FINISH

Endure™ patio doors come standard with Multi-Point Mortise Lock hardware.

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



Standard Finishes

without Keylock. May upgrade to Keylock



Decorative Finishes

with Keylock



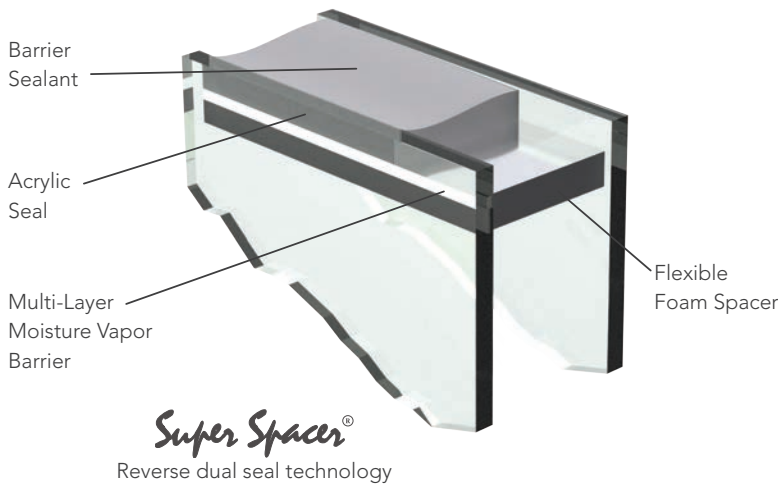
Keyed hardware also available with White interior and Beige or Sandstone exterior.



WHICH GLASS PACKAGE IS RIGHT FOR YOU?

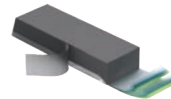
FEATURING COMFORTECH™ WARM EDGE GLAZING SYSTEM

Most of your new patio door is glass. That's why we use the ComforTech Warm Edge Glazing System featuring Super Spacer® on all Endure™ patio doors, giving you reduced heat loss, warmer glass temperature and less interior condensation. All ComforTech products have passed stringent testing and are IG Certified to ensure 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 helps keep moisture out, and gas in, making conductivity 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

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

WHAT'S THE DIFFERENCE?

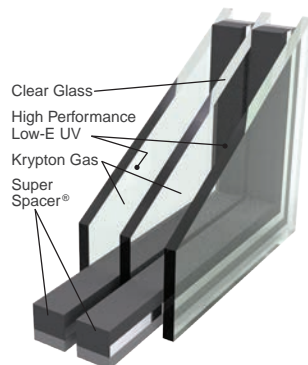
Krypton Gas

Inert to glass coatings, heat and spacers, krypton gas has the lowest conductivity of any gas used and raises the inner glazing temperature. This gas performs well in small chambers, making it the best choice for our triple-glazed glass packages.

Argon Gas

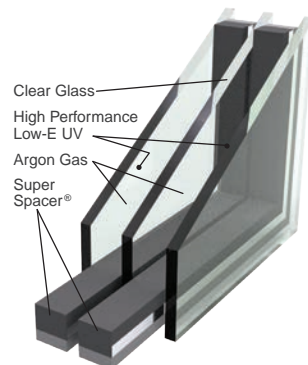
Chemically inert to UV radiation, argon gas insulates better than air. It is sunlight stable, non-corrosive and non-toxic, making it the best choice for our double-glazed glass packages.

ComforTech™ TLK-UV



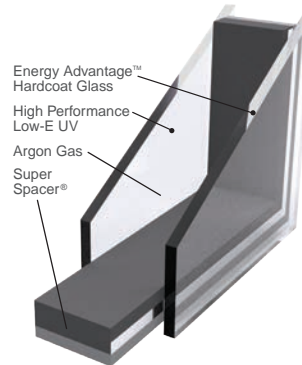
R-Value of 9

ComforTech™ TLA-UV



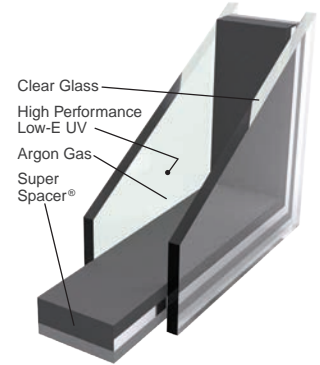
R-Value of 6

ComforTech™ DLA-UV-HC



R-Value of 5

ComforTech™ DLA-UV



R-Value of 4

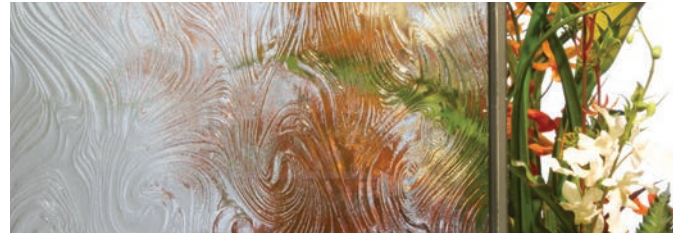
ADD EXTRA PRIVACY AND TINT TO YOUR PATIO DOOR

Privacy Options

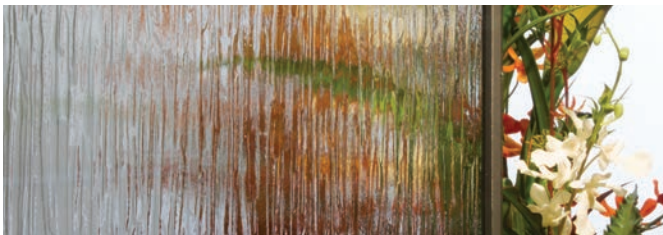
Choose from five different types of glass if you need light to filter in, yet want to maintain privacy. These glass styles look great in rooms where privacy is important. Regardless of where it is used, privacy glass reduces the likelihood of needing extra patio door coverings.



CHINCHILLA



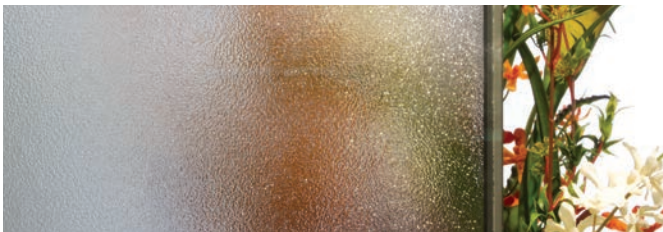
TAFFETA



WATERFALL



GLUECHIP



OBSCURE PEBBLE

Actual privacy levels will vary depending on your distance from the glass and also the amount of light in the room in comparison to the light outside your home. For extra privacy, choose two panes of privacy glass, rather than just one.

Tint Options

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



Solargray® Gray Tint

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



Solarbronze® Bronze Tint

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



Solexia® Green Tint

Subdues interior brightness
 High visible light transmittance



Azuria® Blue Tint

Low shading coefficient
 High visible light transmittance
 Solar performance (reduces solar heat gain)

STYLE YOUR PATIO DOOR WITH GRIDS

The style of grids you choose can make a big impact on your home's appearance. You can choose from internal or external grids and several grid patterns including variations of Cottage, Colonial and Prairie styles.



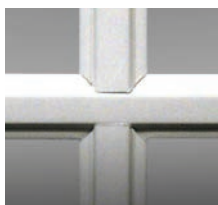
External Grids

Simulated Divided Lites (SDL)

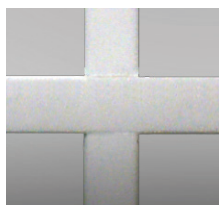
Grids are applied to the glass on both the interior and exterior of the patio door. If you decide to get a painted patio door, choosing SDLs as your grid choice allows the SDLs to be painted to match your interior and exterior window color.

Internal Grids

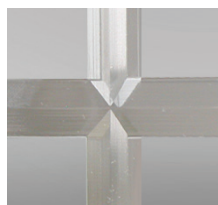
If you want grids, but prefer not to clean around them, opt for internal grids so you get the same look and feel, without the hassle.



Contoured



Flat



V-Groove



Triple Glazed Glass

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



Double Glazed Glass

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



Cottage



Colonial



Prairie

Internal and external grids are available in many configurations of Cottage, Colonial and Prairie styles.

ADD INTERNAL BLINDS

If cleaning dusty blinds makes you cringe, be sure to add internal blinds to your patio door. These blinds are made with sturdy, white aluminum and are custom-fit to the exact dimensions of each patio door.

Internal blinds can be lifted up, or simply tilted, depending on your lighting and privacy needs.



Exterior View



Tilt blinds with the top lever

Move blinds up and down with the bottom lever

Interior View of Blinds with Operator
Blind Slats are 1/2" Wide

*Internal Blinds come with a **10-year Limited Warranty.***

*Allow for additional lead time on your patio door order.
Not available in 50" x 80" or 96" x 80" sizes.*



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



IMAGINE THE POSSIBILITIES

WITH INSPIRATIONS™ ART GLASS

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



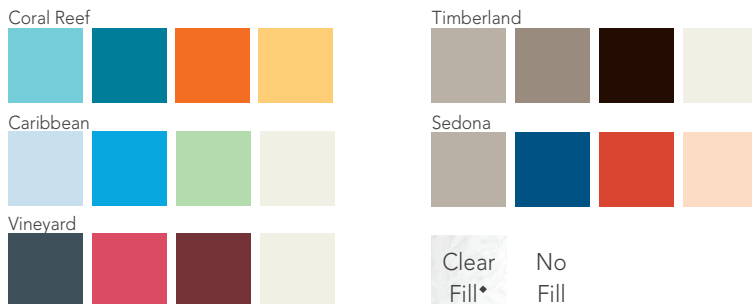
Explore Design and Color Options

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



Color Palettes

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



* Increases transparency on textured glass and resembles aged glass

Resin Beads

Available in four color options.



Combine your favorite color palette and bead color with your choice of design to show your personality on your patio door.

Note: All Inspirations Art Glass requires additional lead time.

CREATE YOUR DREAM HOME

WITH PROVIA'S EXTERIOR HOME DESIGN TOOL

Use this powerful visualization engine to configure doors and windows or select from ProVia's impressive collection of vinyl siding and manufactured stone styles. Or, view brochures, videos and photo galleries.



AN APP FULL OF FUNCTIONALITY!

- Door and Window configuration tools
- Vinyl Siding profiles, colors and accessories
- Manufactured Stone styles and colors
- View videos, photo galleries and brochures
- Locate a ProVia dealer



PROVIA

Visit the App Store to download your free ProVia app today!



Visualize Your Design



Design Products with
Advanced Features



Browse Catalogs &
Photo Galleries



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



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



Doors • Windows • Siding • Stone
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