

VT8500 *Series*

PATIO  
DOORS

AERIS™  
COLLECTION

VT8500 *Series* PATIO DOORS





ProVia has determined that all indicated products with DLA-UV meet ENERGY STAR qualifying criteria for all climate zones.

#### THE CERTIFICATION

The ENERGY STAR® Program was created by the U.S. Department of Energy and the U.S. Environmental Protection Agency to make it easy for consumers to choose the most energy-efficient products.



ENERGY STAR Products Offer You:

- Savings on heating and cooling costs
- More comfort in your living space
- Protection for furnishings from sun damage

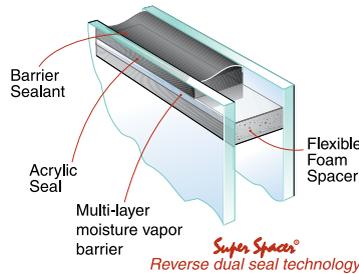




COMFORTABLE &  
ENERGY EFFICIENT

**MOST OF YOUR NEW PATIO DOOR IS GLASS...** that's why we feature the ComforTech™ Warm Edge Glazing System on all Aeris™ Collection products. Comfortech Warm Edge Glazing System featuring Super Spacer® 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.

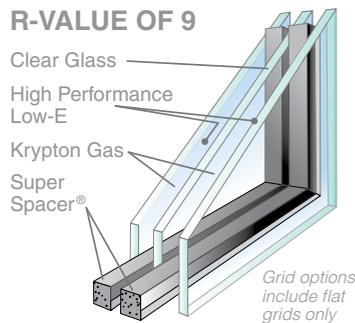
## ComforTech™ Warm Edge Glazing System



### Insulated Glass Options:

#### ComforTech™ TLK-UV

**R-VALUE OF 9**



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

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

#### Cooler in Summer:

SHGC\* for DLA-UV is 66% 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.

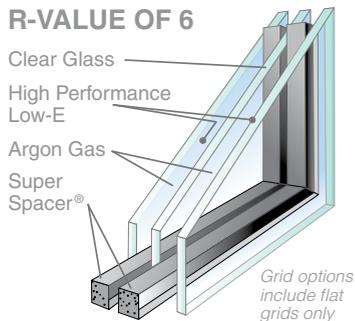
\* SHGC = Solar Heat Gain Coefficient

\*\* 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 calculations based on 7/8" thick, double glazed, single strength IG units using NFRC methodology with Lawrence Berkeley National Laboratory's Windows 5.2 software.

#### ComforTech™ TLA-UV

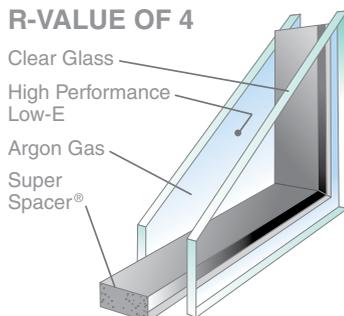
**R-VALUE OF 6**



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

#### ComforTech™ DLA-UV

**R-VALUE OF 4**



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

National Fenestration Rating Council (NFRC) is a non-profit, public/private organization created by the window, door and skylight industry. NFRC's primary goal is to provide accurate information to measure and compare the energy performance of window, door or skylight systems.

# THE IMPORTANCE OF SUPER SPACER®

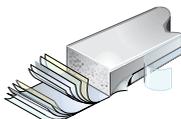
## THE NO-METAL ADVANTAGE:

"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.



## Is Less Condensation 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

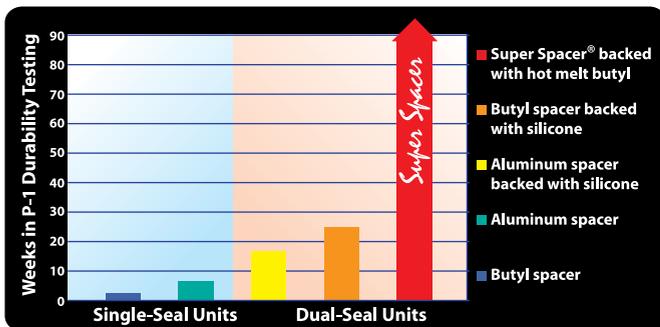
would suffer. However, increasing humidity can cause window condensation.

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
- Looks unsightly
- Can contribute to mold growth



**ComforTech™**  
Helps Promote  
Healthy Living For  
You And Your Family.  
[www.edgetechig.com](http://www.edgetechig.com)



The P-1 test is considered to be the world's toughest durability test. All units are put into hot boxes and are continuously exposed to 140° F, 95-100% humidity and constant UV bombardment. Each week of testing is equivalent to one year of field use. Super Spacer is a registered trademark of Edgetech I.G. Inc. The above chart and information is provided courtesy of Edgetech I.G. Inc.



TIMELESS  
STYLE

VT8500 *Series* PATIO DOORS



*Aeris VT8500 Series Patio Doors  
are available in custom sizes  
to the nearest 1/8" increment.*

# AERIS™ VT8500 SERIES

Vinyl patio doors are tested against the most stringent industry standards for air and water infiltration, windload resistance, ease of operation, forced entry and much more. This means you'll have lower heating and air conditioning costs, easier cleaning, low maintenance and increased comfort.

## A TIGHT SEAL ELIMINATES NOISE AND LEAKS

Triple weather stripping at side stiles and 3-point contact weather stripping at meeting stiles improve insulation, virtually eliminating air infiltration.

## STANDARD FEATURES

- ComforTech™ DLA-UV Warm Edge Glazing System
- Tempered Low-E glass
- Multi-Point Mortise color matched handleset on White, Beige and Sandstone Patio Doors
- Multi-Point Mortise Aged Bronze, Antique Brass, Satin Nickel or Bright Brass Handlesets with Keylock (Woodgrain Patio Doors)
- Schlage® C Keyway on all locking handles allow single key entry for the entire house
- Secondary Ventilation Lock
-  Lifetime Limited Warranty



Strong, multi-chamber profiles and 5 3/8" frame depth offer greater thermal efficiency and increased sound abatement.



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



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



Galvanized steel reinforced panels ensure rigidity and stable operation.



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



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

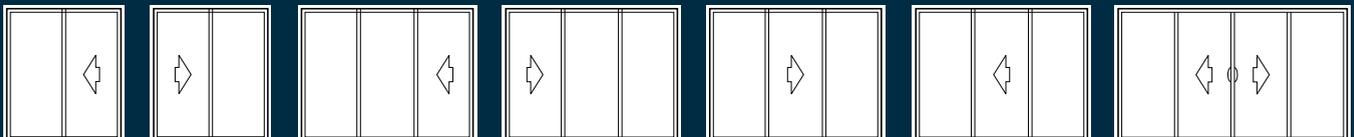


Spring-loaded latch system automatically engages upon closing. Latch also includes interior locking feature. BetterVue® fiberglass screen is standard. Fiberglass, heavy-duty fiberglass, SeeVue fiberglass or aluminum screen is optional.



The vent lock adds peace of mind when you want to leave the door open for ventilation yet keep would-be intruders out.

## Configurations



Available in 2, 3 or 4-panel configurations and custom sizes



# LOWER MAINTENANCE & ENERGY COSTS



VT8500 *Series* PATIO DOORS

## INTERNAL BLINDS\*

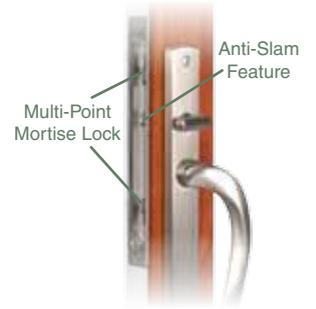
- Blinds Tilt, Raise and Lower Using the Convenient Fingertip Adjustment Slides
- Easy to Clean; No More Dusting of Blinds
- 10-Year Warranty
- Available in Standard Sizes Only
- Available in White Blinds Only
- Available in 1, 2, 3 and 4 Lite Models (N/A in 50" x 80" or 96" x 80" sizes)



\*Internal Blinds provide exceptional privacy and light control, however, VT8500 Patio Doors with Internal Blinds are not ENERGY STAR® qualified. DLA-UV, TLA-UV and TLK-UV Warm Edge Glazing is not available with Internal Blinds.

## VT8500 HARDWARE

Our Aeris VT8500 Series Patio Doors come with multi-point mortise hardware available in White, Beige or Sandstone. Optional keylock available in White, Beige, Sandstone, Aged Bronze, Antique Brass, Satin Nickel or Bright Brass.



### STANDARD HARDWARE



### OPTIONAL HARDWARE with Keylock



VT8500 *Series* OPTIONS



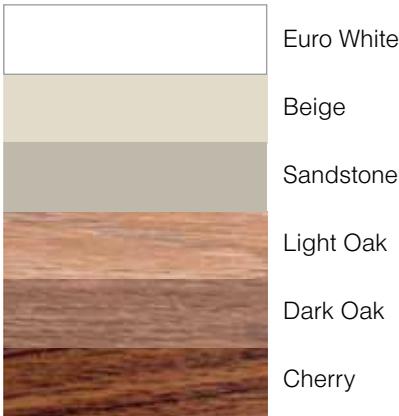
## VT8500 SERIES

### ADDITIONAL OPTIONS

- ComforTech™ TLK-UV and TLA-UV Warm Edge Glazing Systems
- Tinted glass in bronze, gray or green
- Azurlite® glass
- Traditional beveled glass
- Single Prairie beveled glass
- Contoured or flat internal grids
- Single or Double Prairie internal grids
- Heavy-duty Fiberglass Screen Mesh
- BetterVue® Fiberglass Screen Mesh
- Aluminum Screen Mesh
- 8' wide units can be ordered assembled or knock-down

### COLORS

Patio doors are available in White, Beige and Sandstone or Woodgrain interior with White, Beige or Sandstone exterior. Also available: White interior with Sandstone exterior.



### WOODGRAIN OPTION

A woodgrain option adds style and warmth to any patio door. Consider a woodgrain finish in Light Oak, Dark Oak or Cherry. You get the benefits of patio doors with the elegant look of wood.

### CASING

Add the finishing touch with oak, poplar, cherry and mahogany casing



2 1/2" Modern Profile



2 1/2" Colonial Profile

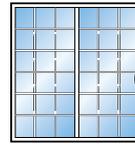


3 1/2" Colonial Profile

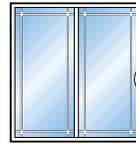
### VT8500 SERIES GRIDS

#### Grid Patterns

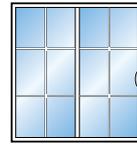
Available on all window styles. Additional grid patterns available, see price list for more information.



Colonial

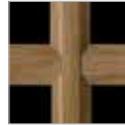


Prairie



Cottage

#### Grid Options



Contoured



Flat

- Single color painted contoured or flat grids
- Two-tone color contoured or flat grids (Interior color must be a Woodgrain or White.)



The Aeris VT8500 patio door is warranted against chipping, cracking, peeling, pitting or blistering for as long as you own and live in the home in which the product was originally installed. This warranty is transferable to one subsequent purchaser.

See full warranty for complete information.



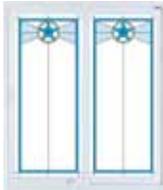
## DESIGNS & COLOR PALETTE

CORAL REEF

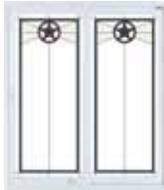


NEW

CARIBBEAN



VINEYARD



TIMBERLAND



SEDONA



AMERICANA

NEW



HARBOR

NEW



VOYAGE



BLOSSOMS



HAVEN



VINTAGE

# REFLECTIONS OF YOUR IMAGINATION

INSPIRATIONS™ ART GLASS allows you to do just what the name suggests; let your glass reflect the inspiration of your imagination with your choice of design and color!

**Designs** - The process begins with conceptual design. Our seven 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.

**Custom Color** - 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.

**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.

**Inspirations patterns will vary from what is depicted in this brochure based on glass size and proportions.**



# DESIGN IT YOUR WAY!

Wishing you could rearrange colors?  
Now you can! With ProVia Studio,  
design your own unique color palette  
just the way you want it.



\*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.

We also offer four resin bead colors:



Silver resin bead



Black resin bead

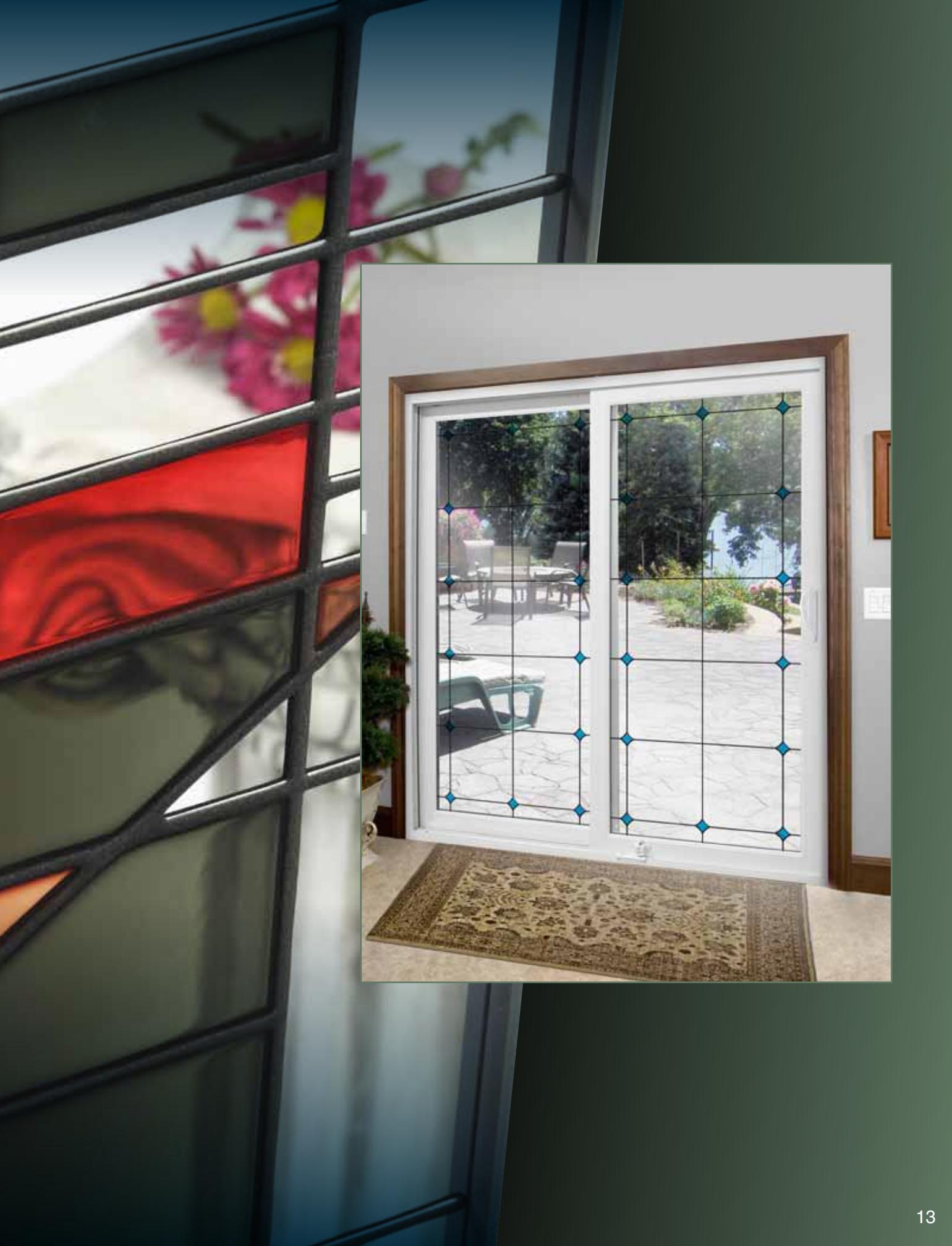


Gunmetal resin bead



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!





AN EXCLUSIVE PROVIA® COLLECTION

[WWW.AERISCOLLECTION.COM](http://WWW.AERISCOLLECTION.COM)