

# Viviano<sup>INC.</sup>

**Windows • Doors • Kitchens & More...**

*The intersection of Price & Quality.<sup>®</sup>*

*We Don't Buy Credibility  
We Earn It One Customer at a Time*

**Better Selection...  
Better Prices...  
Better Service...**



**We are proud of our reputation for service and quality. Customer satisfaction is our number one priority. We stand behind our work and take full responsibility for all our products and installations.**



6477 Chippewa St.  
St. Louis, Mo 63109  
Phone **314-353-8350**  
Toll Free **800-353-8350**  
Fax **314-353-7792**



**Visit Our Showroom!**

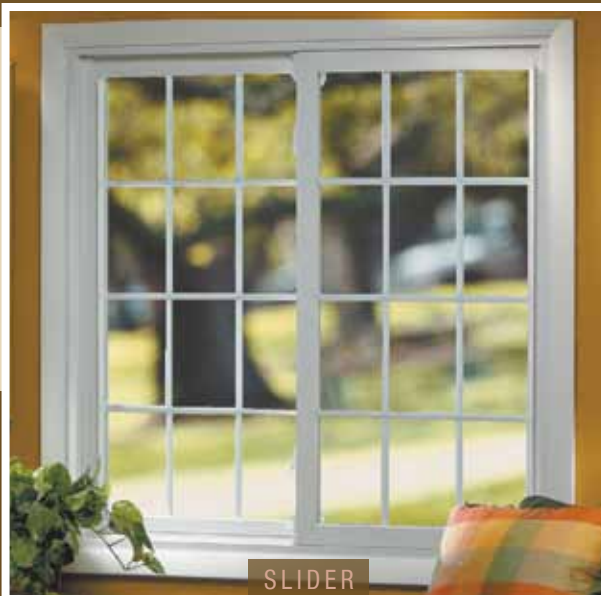
**[www.viviano-inc.com](http://www.viviano-inc.com)**

**A FAMILY OWNED COMPANY THAT YOU CAN TRUST!**

Mon-Fri: 10-5  
Saturday: 10-2  
Closed First Saturday of the Month  
Sunday is Family Day!



DOUBLE HUNG



SLIDER



CASEMENT



PICTURE

*Our windows are  
custom designed  
with beautiful detail  
specifically for  
your home!*



PATIO DOOR



BAY



BOW

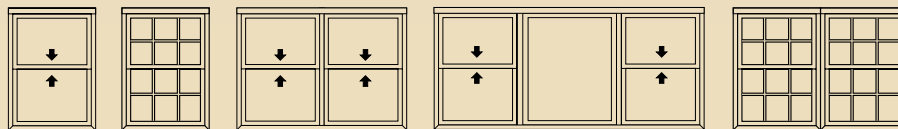


# Double Hung, Casement & Awning Windows

The V-Seal Super Plus was created as a window system; every individual window was planned with the whole system in mind. We developed a variety of styles and colors, from double hung and slider windows to our furniture-grade bay and bow windows, to satisfy the design tastes of the most discerning homeowners. Each individual style compliments the other, providing a harmonious look. This is important not only for the overall look of your home, but for a total performance package as well.

## DOUBLE HUNG

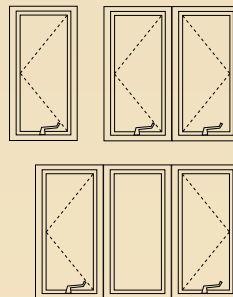
- Duralite® or Intercept® Spacer Systems
- 5° sloped sill
- Composite lock and keeper
- Heavy-duty extruded screen
- Interlocking meeting rails with triple-fin weatherstripping
- Triple-fin weatherstripping on top and bottom sash
- Constant force sash balance system
- 100% VEKA virgin vinyl world-class compound formulation
- Double ventilation limit latches with snap-spring operation
- Both sashes tilt in fully for easy cleaning



## CASEMENT, AWNING & HOPPER

### Casement, Awning & Hopper Features

- Duralite® or Intercept® Spacer Systems
- Superior bulb-type seal provides reduced air infiltration
- Aesthetically-superior beveled edge sash design
- Extruded heavy screen frame blends into the frame

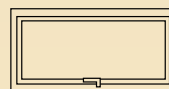


### Casement Features

- Fold-away nesting handle
- Truth Hardware operating and locking system
- Opens a full 90° for easy cleaning from inside the home

### Awning & Hopper Features

- Smooth, scissor-style operator with fold-away nesting handle
- Dual-locking handles for added security
- Quick-disconnect clips allow 90° opening for easy cleaning

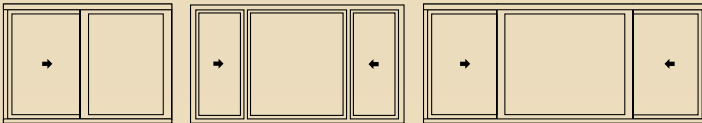


# Sliders, Combination & Picture Windows

## SLIDER

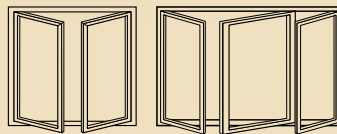
### Slider Features

- Composite glide pad for smooth operation
- Triple-fin enhanced interlocking meeting rail
- Duralite® or Intercept® Spacer Systems
- Superior weeping system to effectively drain water
- Heavy-duty extruded screen
- Snap-lock sliding track that is removable for easy cleaning
- Snap-in security blocks in header
- Ventilation limit latch with snap-spring operation
- Both sashes lift out for easy cleaning from inside the home
- Fixed center on 3-lite



### Tilt-N-Slide Features

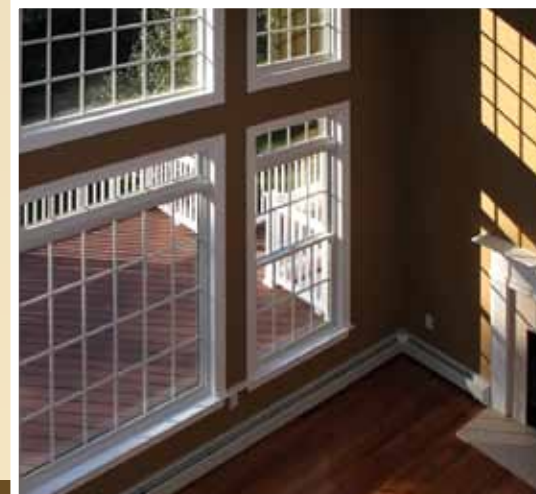
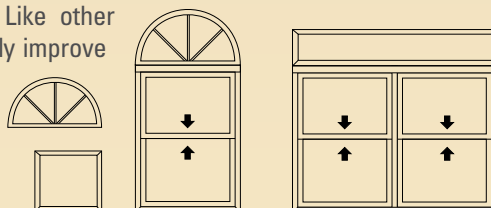
- Industry-leading, preferred engineering tilt mechanism for easy cleaning from the inside
- Caliper brake system locks the sash into place when tilted inward for safety
- Smooth rolling operation using roller hardware and track system
- Unique dual weeping system effectively drains and channels water
- Duralite® or Intercept® Spacer Systems
- Anti-swing lock allows sash to be locked open
- Ventilation limit latch with snap-spring operation



## PICTURE & COMBINATION

Picture windows are the perfect style of window to provide you with an expansive panoramic view of the world outside, as well as to make the room they brighten seem larger and more open. Our picture window profiles can be made into several dynamic combination shapes.

Picture windows can be combined with any other window style to create truly unique, and sometimes massive, combinations. Like other combinations, these units can dramatically improve the curb appeal and value of your home.

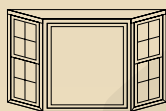


*WE LOOK FORWARD TO YOU BECOMING A MEMBER*

# Bay & Bow Windows and Patio Doors

## BAY & BOW

- Multiple configurations available using double hung, casement or picture windows
- Available in a wide range of sizes
- Foam-filled structural mullions standard
- All thread through-rods come standard, which lock together the head and seat boards
- Standard birch or optional oak head and seat board
- 1¼" hardwood, nine-layer plywood, for superior strength and quality
- Optional high-density, 3" insulated foam seat board improves thermal performance
- Available in 3, 4, 5 & 6 lite configurations



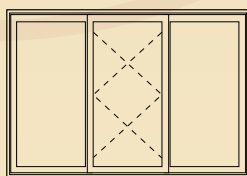
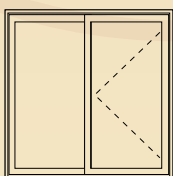
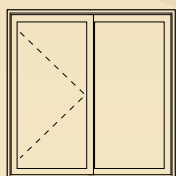
## GARDEN

- Operating casements provide full ventilation
- Full screen standard on casement
- Custom made for a perfect fit
- Birch or optional oak jamb and sill



## PATIO DOOR

- Heavy-duty main frame
- Thermally-efficient vinyl sill in white, tan and aluminum-look laminate
- Superior, non-corrosive composite roller system
- Custom sizing available to create the perfect fit for your home
- Standard 5', 6' and 8' two-panel and 9' and 12' three-panel doors
- Full-length interlock system for door panels at the meeting rail
- 5¼" jamb thickness, perfect for replacement applications
- Heavy-duty, easy gliding screen
- Hardware available in white, tan, brass, antique brass and brushed nickel



*OF THE VIVIANO FAMILY OF SATISFIED CUSTOMERS.*



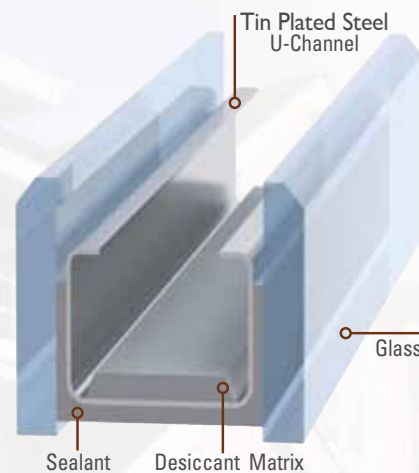


# intercept®

## SPACER SYSTEM

The performance of the spacer in the Insulated Glass (IG) unit is critical because it helps determine the **energy efficiency** of your window as well as its longevity.

Intercept Spacers offer superior **structural strength and durability**. The unique, one-piece U-Channel creates an effective thermal resistance to heat or cold, while remaining cost-effective and ENERGY STAR® compliant.



## DURALITE™ SPACER SYSTEM

Combining the Duralite Spacer System with the glass options that are available from Viviano results in one of **the most energy efficient windows** in the industry.

Duralite spacers are more efficient because they contain **NO METAL**. This means your windows will be **warmer in the winter** and **cooler in the summer**.

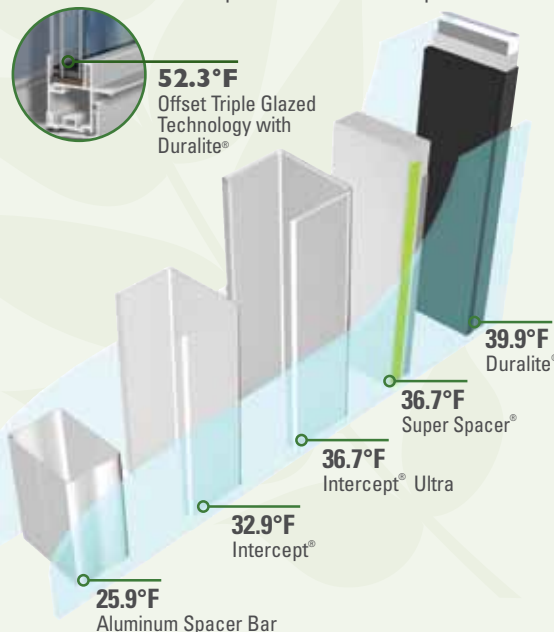


\*Simulations were performed by Enermodal Engineering Limited using Windows 5.2 and THERM 5.2 as per NFRC 100 and NFRC 500, 2001. Temperatures are from the CR model at the sill sightline. The window modeled was a PVC foam frame and sash.

### Duralite® Spacer System

*Warmest of the Warm Edge\**

Chart shows edge of glass temperature, where outside temp is 0° and inside temp is 70°.



## OptiGas & ThermalCERT

*Guarantees the thermal performance of your windows.*

Over 75% of your new Viviano window is glass, so it only makes sense that most of the energy efficiency depends on the type of insulated glass package you choose.

There are three components of the insulated glass unit: type of glass, type of spacer system and gas that fills the space between the glass. The first two are visible – the glass and the spacer. The third component is the invisible part, the gas between the glass.

**Since the gas is invisible,  
how can you be sure it's actually in there?**

**Answer: OptiGas and ThermalCERT™**

With conventional gas filling, you can only assume your glass actually delivers the value promised.

**OptiGas** is the first fully-engineered, automated and integrated smart-fill system for insulating glass.

**ThermalCERT™** is the verification process that provides quality assurance by taking actual thermal conductivity measurements after the gas is inserted.

**You no longer have to settle for assumptions.**

With ThermalCERT™ by OptiGas, you can be certain the U-Value you were promised is the U-Value you receive.

*Exclusive*  
**INNOVATION**

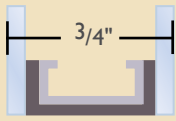
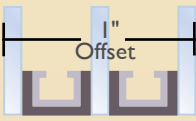


# Choosing the Right Glass

The key to choosing the right glass package for your home is to find the combination of performance values to suit your needs. Look to **Viviano Thermal Windows** to help you make these decisions. Our philosophy is that one size doesn't necessarily fit all, which is why we created the V-Seal family of glass.

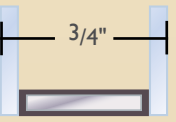
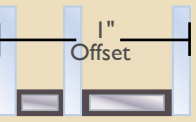
## V-SEAL BY-THE-NUMBERS\*

### Intercept® Spacer System

	V-Seal I Plus	V-Seal I 3-2	V-Seal I 3-4	V-Seal I Max
	 3/4" LowE Argon Clear	 1" Offset Clear Argon LowE Argon Clear	LowE Argon LowE Argon Clear	LowE Krypton Mix Clear Krypton Mix LowE
U-Value	.30	.26	.23	.19
R-Factor	3.33	3.85	4.35	5.26
VL	54%	49%	44%	44%
SHGC	.30	.30	.24	.24
Energy Star	N, NC, SC	N, NC, SC	All	All

\*Values are based on a double hung window with single strength glass and no grids.; actual U-Values may vary based on window configuration. Descriptions are from outside to inside.

### Duralite® Spacer System

	V-Seal D Plus	V-Seal D 3-2	V-Seal D 3-4	V-Seal D Max
	 3/4" LowE Argon Clear	 1" Offset Clear Argon LowE Argon Clear	LowE Argon LowE Argon Clear	LowE Krypton Mix Clear Krypton Mix LowE
U-Value	.28	.23	.21	.18
R-Factor	3.57	4.35	4.76	5.55
VL	54%	49%	44%	44%
SHGC	.30	.30	.23	.25
Energy Star	N, NC, SC	N, NC, SC	All	All

\*Values are based on a double hung window with single strength glass and no grids.; actual U-Values may vary based on window configuration. Descriptions are from outside to inside.




**Viviano Inc.**

**V-Seal D Max**  
Vinyl (VY) • Triple Glazed Low-E Krypton/Argon Gas • Duralite Double Hung Window

ENERGY PERFORMANCE RATINGS	
U-Factor (U.S./I-P)	Solar Heat Gain Coefficient
<b>0.18</b>	<b>0.25</b>
ADDITIONAL PERFORMANCE RATINGS	
Visible Transmittance	
<b>0.44</b>	

Manufacturer declares that these ratings conform to applicable NFRC procedures for determining whole product performance. NFRC ratings are determined for a fixed size of window under standard conditions and a specific product size. NFRC does not recommend any product and does not warrant the suitability of any product for any specific use. Consult manufacturer's literature for other product performance information. www.nfrc.org



**ENERGY STAR® Qualified in All 50 States**


The thermal performance and gas content of this window ID has been verified by ThermalCERT technology.

For more information, visit [isgasinthere.com](http://isgasinthere.com).

This sticker to be removed by homeowner only.

ID#: 69491

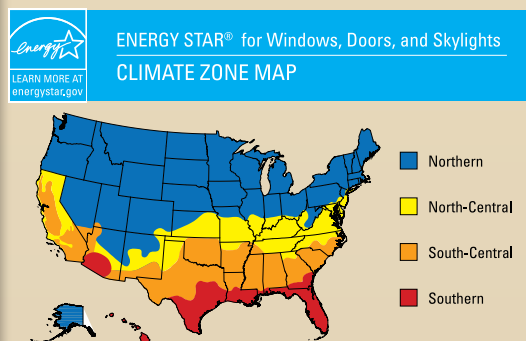
Go to [WWW.VISTAWINDOWCO.COM](http://WWW.VISTAWINDOWCO.COM) to register your Warranty.



## NFRC RATINGS

Every V-Seal Super Plus window is labeled with the NFRC energy rating label. Look for this label on your window for exact energy performance ratings, which are based on the overall performance of the window.

## ENERGY STAR® CLIMATE ZONES



## TRIPLE-GLAZED TECHNOLOGY

Unequal or "OFFSET GLASS SPACING" is the newest innovation in insulating glass technology. This latest technology provides unequal spacing between the triple panes for optimum gas filling.

Being able to use different blends of gas provides the highest energy efficiency with the lowest cost available today.





# V-Seal Super Plus Options

Viviano offers a wide range of opportunities to further customize your windows. Additional options include a variety of grooved glass, between-the-glass blinds, custom grids and interior/exterior color options.

## Custom Grooved Glass



Single Prairie



Double Prairie



Petal



Marquis



Diamond



Tudor



Trellis



Florentine



## Decorative Blinds Between the Glass\*

Mini-blinds are available that are sealed inside the glass unit of your windows, giving you extreme control over the amount of light you want to enter the room at different times of the day. Very few window companies can offer this option.

## EEE-Z-Kleen™ Process



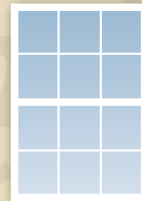
This protective glass treatment is factory-applied to all of the glass surfaces of your windows. It makes your windows hydrophobic, which means they become dust- and water-repellent and considerably easier to clean than regular windows.

## Custom Grids (Muntins)



Unique standard and contour-styled muntins are available in diamond or colonial styling. Our custom color process matches all of our grids to our windows. You can also specify the grid patterns you would like.

*\*See grid availability chart for complete list.*



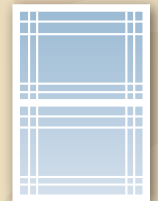
Colonial



Diamond



Single Prairie



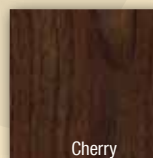
Double Prairie

## Interior/Exterior Color Options

At one time, vinyl windows were limited to only a few colors - *not anymore!* Customize your home with **12 Exterior colors** and **6 interior colors** or **woodgrains**. Available in: Double Hung, Slider, Tilt-N-Slide, Picture, Casement, Awning, Bay or Bow, Patio Door and Geometric.



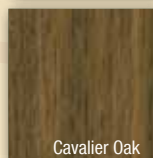
*Interiors available in 4 woodgrains, White and Tan. 12 Exterior color options bring the Interior and Exterior color combinations to 72.*



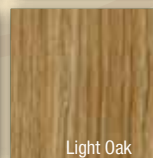
Cherry



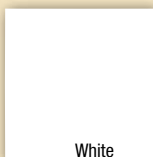
Dark Oak



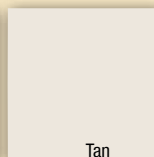
Cavalier Oak



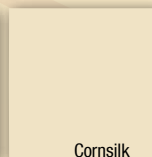
Light Oak



White



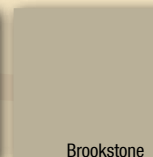
Tan



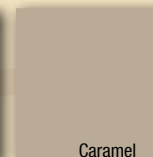
Cornsilk



Sandcastle



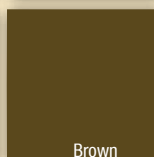
Brookstone



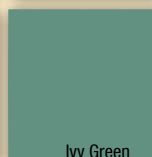
Caramel



Clay



Brown



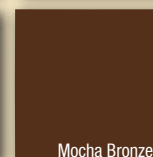
Ivy Green



Evergreen



Brandywine



Mocha Bronze

*For exact shades, please review samples with your Viviano representative.*

