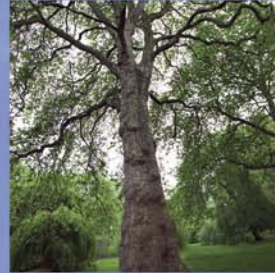


see it
enjoy it
protect it



Restorations

Innovative Window Systems

Energy Efficiency Beyond Expectations



ShinerWindows.com

703-560-7663

features & benefits

NarrowLine Extrusions

Our patented double contoured NarrowLine exterior mainframe utilizes proprietary engineered side jambs, 1 piece boxed header, 5-degree one piece sloped sill, contoured glazing beads and lift handles. Greater structural integrity achieved through “aesthetic engineering” with up to 27% more glass area than other replacement windows.

Fusion Welded

Dual-stacking (4) point fusion welders ensure the strongest, most energy efficient, pleasing to the eye welds in the industry on our state-of-the-art computerized equipment. Optional wood grain interiors utilize 10 mil exterior grade film (40% thicker than the competition) for the look and feel of real wood without the maintenance.

FiberCore™ Structural Technology

FiberCore™ Structural Technology increases the strength and durability of Restorations Windows while combining the strength of fiberglass with the maintenance-freedom of vinyl. Our internal fiberglass reinforcement is 23,730 times stronger than Ponderosa Pine in equal thickness for unsurpassed strength without the thermal conductance of other materials.

UltraCore™

Restorations Windows feature environmentally-friendly polyurethane foams containing no CFC's in all of our mainframe vinyl extrusions to provide higher than typical PVC windows (R=.75), wood windows (R=1.25), aluminum windows (R=.10) or other foam filled windows (3.57) per lineal inch. Restorations Windows are able to achieve an astounding R-value of 7.14 per lineal inch (R20) - the same material used to insulate your refrigerator door. Restorations D/H's achieve an R-value of 20 in the mainframe equal to 16" of wood.

SecureSeal™ Meeting Rail System

Continuous fiberglass structural core for strength combined with the insulating power of UltraCore and triple weather-stripping. French Classic Contoured 180-degree cam action locks along with concealed tilt latches color matched to your window for added beauty and security. Like some wood windows, the pick-resistant lock is routed into the sash. For superior strength it is fastened to (3) structural walls of .075 PVC and has passed a Level 10 forced entry test.

DraftBlock™ Weather Barrier

All Restorations Windows feature a triple weather-strip barrier (featuring DraftBlock) that provides up to 50% more protection against air filtration. Our windows have been tested in independent labs and have superior air infiltration rates to Andersen, Pella and Marvin windows.

Energy Star®

All Restorations Windows are rated by NFRC and far exceed the Energy Star® program's minimum threshold(s) with (optional) Ultra-U-Plus®; U-Value .29; SHGC .33; VT .48; Air Infiltration .03. Restorations Windows also offer a U-Value as low as .18.

Extruded Screen

Equipped with a standard 1/2 screen, which has a heavy-duty, extruded aluminum frame with built-in lift rail and case aluminum corner keys pinned by a 5,000 pound press as opposed to a “roll-formed” light gauge aluminum with plastic corner keys. The result of the latter -- a screen that has too much flex -- which eventually leads to the screen pulling free.

Stainless Steel Warm Edge technology which is 98% less conductive to temperature change than a boxed aluminum spacer; better overall performance and gas retention than any other spacer system in the industry; virtually eliminates condensation and seal failure. Dual seal for an extended life cycle.

Restorations Windows' optional exclusive IG package insulates better than hard or soft coat Low-E glass, double-layered or even some triple-paned products. Multiple (8) microscopic metallic layers reflect the heat from your furnace in the winter back into your home and reflects the sun's rays to the outside during the summer -- saving you up to 40% in your energy costs.

Restorations Windows' optional exclusive self-cleaning glass has a durable transparent coating of titanium dioxide that is bonded to the outside surface of the glass during the manufacturing process which utilizes (2) natural resources - the sun's ultraviolet rays and water to slowly decompose and loosen organic dirt and then rinse it away; working like a self-cleaning oven. SunSmart™ triple-pane is also available.

Restorations Windows offer a guarantee which is virtually unheard of in the window industry -- an Energy Savings Guarantee of 40% -- in writing! Contact us for details.

Lifetime non-prorated on all components including glass breakage and installation. The last window you will every purchase if you remain in your home!

- Sixteen Interior/Exterior Vinyl Colors
- Ultra-U-Glass
- SunSmart™ Glass
- 0-degree Mullion System/Factory Mull
- Colonial (flat) Grids
- Georgian Solid Color Grids
- Brass Grids
- SmartTrim Vinyl-laminated MDF Interior Trim Systems to Match Laminated Interiors
- Double-Hungs
- Single-Hungs
- Tilt-in Two-Lite Sliders
- Sliders (two- and three-lite)
- Casement Windows
- Bay Windows
- Bow Windows
- SunClean™ Glass
- Omega-12 Glass
- V-Groove Glass (3 styles, 10 patterns)
- Diamond (flat) Grids
- Georgian 2-tone Wood Grain Grids
- Bevel Leaded Glass (9 designs)
- SunShades (5 colors)
- SunBlinds; Tilt & Lift (7) Colors; Tilt Only (4) Colors
- Picture Windows
- Garden Windows
- Awning Windows
- Specialty Shapes
- Patio Doors
- Hoppers

Cardinal XL Edge™

Ultra-U VSS™ Glass

SunClean™ Glass
SunSmart™ Glass

Energy Savings
Guarantee

sureCARE™ Warranty

Value Added Options

Product Offerings

Inspired by the beauty and craftsmanship of traditional wood windows, the strength and durability of FiberCore, and the ease of maintenance of vinyl window systems, Restorations Windows from Shiner Roofing, Siding and Windows are the clear choice for homeowners.

A New Way to View Windows

Restorations Windows are designed with the beauty of American architecture in mind. With our patented, double coved and contoured windows design not only will your windows beautifully frame your view from inside your home, but your neighbors will envy the look of your home from the outside.

Who wants to replace their existing windows only to find that they have actually lost their view in the process? Our true NarrowLine window design offers up to 27% more viewing area than other replacement windows. When you replace your windows with Restorations you'll benefit from today's technology without compromising your view.



Guaranteed **40% Energy Savings**

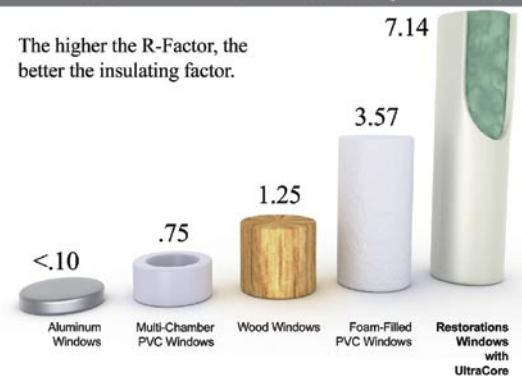
Insulation is the Key Element in Energy Efficiency

There are many different types of materials and glass that are used in the manufacturing of windows...some that will significantly improve insulation values, and others that may not even be as good as the windows you are replacing. With Restorations, you can be assured we are using the highest quality and best insulating materials in our products. You will truly be insulated from the cold of winter and heat of summer.

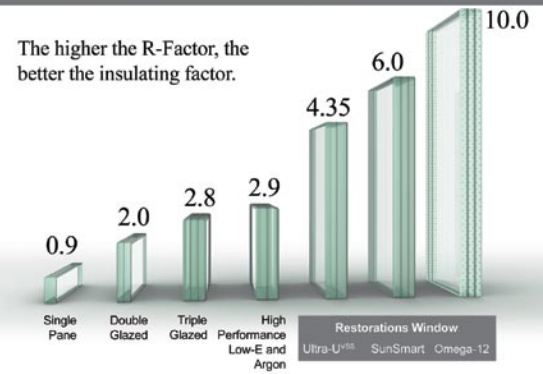
The R-Factor in window construction refers to the level of insulation that a window has. Both frame materials and glass have R-Factor ratings. The higher the R-Factor, the better the insulation.

The illustrations on the right show the R-Factor comparison between Restorations Windows and other windows. Restorations has an amazing 7.14 R-Factor rating on our frame materials, and a 10.0 R-Factor rating on our Omega-12 glass.

R-Factor - Frame Materials (per lineal inch)

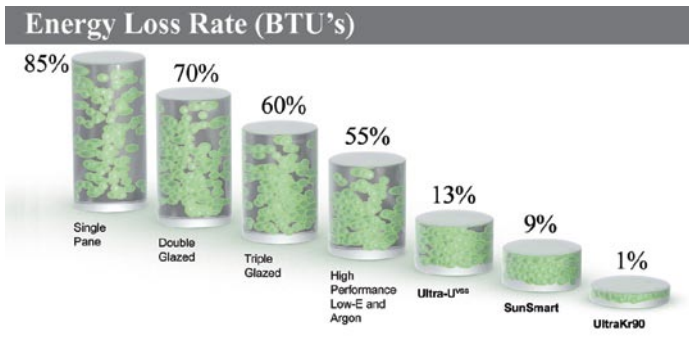


R-Factor - Center of Glass

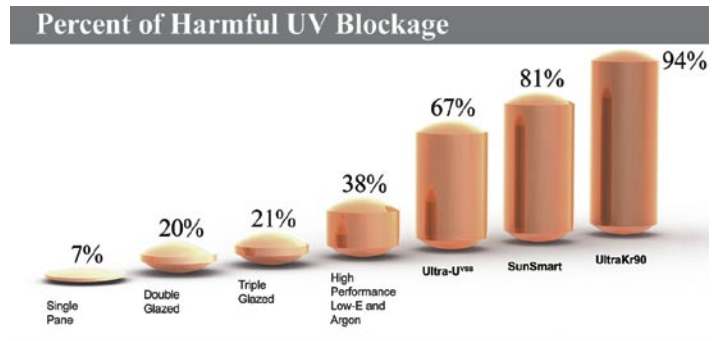


Superior Performance - There is Proof in Numbers.

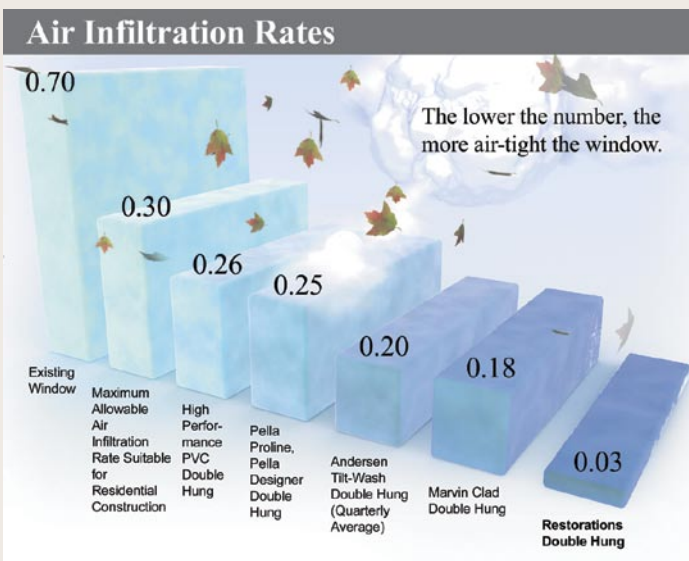
The only way that Restorations can offer a 40% Energy Savings Guarantee is through superior technology and construction. The graphs below show how Restorations compares to other replacement windows, and how their superior technology and construction result in maximum energy efficiency. But don't take our word for it - compare brands yourself. Each manufacturer publishes specifications for their products. Check them out and see how we compare!



This chart shows the percentage of heat and energy that is transmitted through different types of glass. The lower the loss rate the more efficient the window.



This chart shows the percentage of harmful UV rays, the primary cause of fading, that are blocked by different types of glass. The higher the percentage, the less likely you are to experience fading in your furnishings and fabrics.

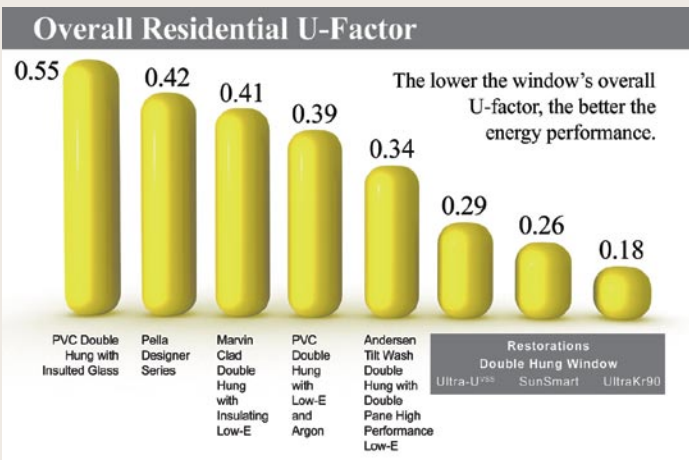


Keeping Drafts Out and Energy In

When investing in new windows, you want to solve the problems with your existing windows -- block the outside air and maintain the temperature you have set inside. Restorations does this better than anyone else.

With a constant 25 mile per hour wind, the Air Infiltration test shown on the left illustrates how many cubic feet of air infiltrated each square foot of the window each minute.

All results are from each manufacturer's published product specifications (Andersen 2000; Marvin 1997; Pella 2000). When comparing window brands, be certain to get actual test result copies from each manufacturer.



Air infiltration results for Restorations Double-Hung Windows are in accordance with NFRC 400/ASTM E283 procedure for determining fenestration product air leakage.

Overall Residual U-Factor results for Restorations Double Hung Windows are in accordance with NFRC 102 test procedures for measuring thermal transmittance of fenestration systems.

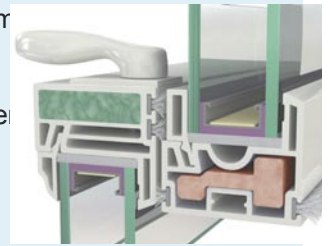
Double-Hung Windows

Designed with all the beautiful features of traditional wood windows and combined with the performance of today's most technologically advanced glass systems, Restorations Double-Hung Windows offer you the very best in beauty and performance. Restorations Windows are also maintenance-free -- no painting or staining required. Choose from 4 solid colors and 3 wood tones to give the interior of your windows elegance and beauty to match any decor.



Double-Hung Features

- FiberCore™ structural sash stiles for maximum strength
- DraftBlock™ triple weather-stripping seals offer the best in draft protection
- Coved interior glazing bead adds beauty, and contoured lift rails allow for easy operation
- Pre-tensioned, dual pulley Block & Tackle balance system for a lifetime of worry-free operation
- Recessed pick-resistant locks provide security, and ventilation latches allow you to enjoy a breeze without fully opening your window
- Extruded aluminum screen frame with heavy-duty aluminum corners for a lifetime of trouble-free performance



Sliding Windows

Sliding windows offer the appeal of traditionally styled windows with all the performance benefits advanced technology has to offer. And with our specially designed weather-stripping system, you'll maintain a greater level of comfort than with traditional sliding windows. Available in your choice of colors and glass styles, Restorations Sliding Windows will bring splendor and comfort to your home. Select from a standard slider with lift out sashes or the tilt-in slider with easy swing-in sashes for a greater view of the great outdoors.



Sliding Window Features

- Patented NarrowLine window design for greater visible glass area
- FiberCore™ structural sash rails for added strength (In Swing Only)
- UltraCore™ polyurethane insulated windows offer higher resistance to heat and cold
- Coved interior glazing bead for added beauty
- Tandem dual brass rollers with stainless steel axle for easy sliding (Lift Out Only)
- Recessed pick-resistant locks provide added security
- Ventilation latches allow safe venting for air flow
- Extruded aluminum screen frames with heavy-duty aluminum corners for a lifetime of worry-free performance



Casement & Awning Windows

Enjoy the versatility and stunning good looks of Restorations Casement Windows. Enjoy easy operation with our stylish and functional hardware that allows your windows to open to a full 90-degrees for safe and trouble-free cleaning from inside of your home. And with one of the lowest air infiltration rates in the industry, comfort comes standard with Restorations Windows. Built to last, these windows feature three continuous seals of weather-stripping for draft-free living.



Casement Window Features

- Beveled exterior design
- Triple weather-stripping for air-tight performance
- Adjustable hinge system ensures squareness
- Single lever low profile locking handle
- Multi-point locking system features heavy duty hardware with up to three locking points for security



Bay and Bow Windows

Enjoy a brand new view of nature's best without compromising your comfort or style. By choosing a Restorations Bay or Bow Window for your favorite room, you'll not only add instant curb appeal from the outside, but imagine the impressive view from the inside! With Restorations high-performance glass options, you won't have to worry about fading or uncomfortable dips and spikes in temperature reminiscent of old bay and bow windows.



Sliding Patio Doors

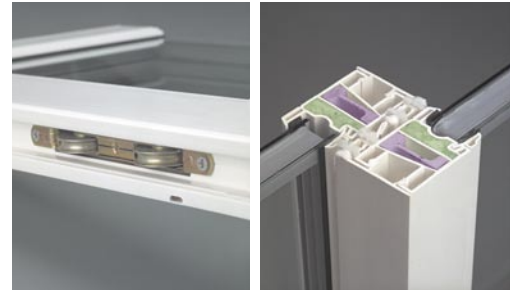
You can benefit from greater views without compromising security or comfort with a new Restorations Sliding Patio Door. Built with big views and high performance in mind, Restorations patio doors have 1" thick tempered safety glass encapsulated by an impressive sculpted sash frame for added architectural detail. The structural three-point locking system is actuated with just a turn of the knob or the use of a key for easy operation and even greater security.

Patio Doors Features

- Forever Finish brass handle eliminates tarnishing and pitting and is available in 6 different finishes
- Three-point locking system for added security and peace of mind
- Optional combination ventilation and dead bolt footlock for greater security and convenience
- Quad seal weather-stripping provides protection from drafts and offers twice the amount of weather-stripping used on most other doors



Features such as twin tandem rollers, quad seal weather stripping and a 3-point locking system ensure that our doors will protect and last for as long as you own your home.



Garden Windows

Add more light to your kitchen or bathroom with a classic Restorations Garden Window. With a streamline frame design, we have mastered the balance between beauty and performance. Our see-through design doesn't encumber your view with large thick frames that you may find on other garden windows. And with our high-performance glass features, you can grow your favorite plants year-round. Enjoy the summer breeze by opening the two fully-operational trapezoids -- simply turn the easy-to-reach handle without strain. Adjustable height shelves are standard and are available in glass as an added option. Having your own private greenhouse isn't just a dream after all.



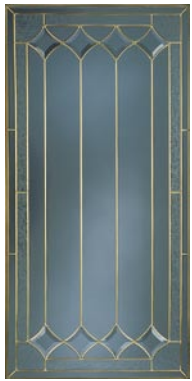
Garden Window Features

- Flexible window hinging - sashes can open either inward or outward
- Insulated seatboard available in single and double insulation packages
- Formica seat available for a clean, waterproof surface for indoor plants

Designer Glass

In addition to our high performance replacement windows, Restorations offers our Designer Glass series of windows. Add elegance and style to your home by including our beautiful, hand-crafted leaded glass designs. Available in 12 distinct styles and 10 vibrant colors, these windows will allow your home to be uniquely you.

Designer Glass Styles



Davenport



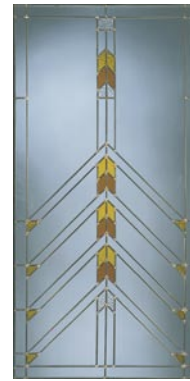
Galena



Gretna



Hannibal



Keokuk



LaCrosse



Natchez



Prairie Du Chien



St. Louis



St. Paul

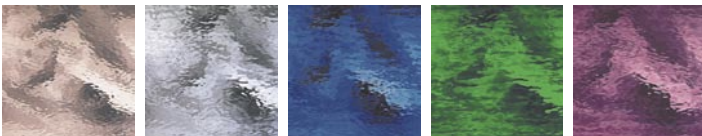


Vicksburg

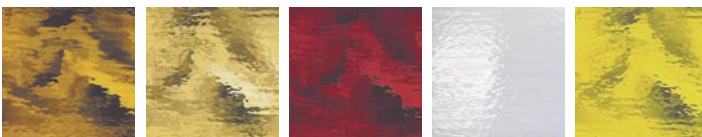


Vidalia

Designer Glass Color Options

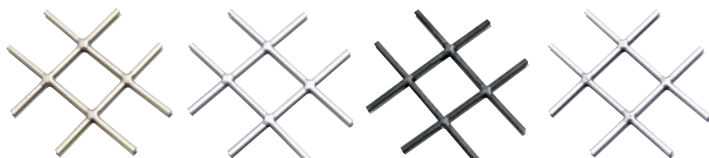


Champagne Clear 100W Cobalt Blue Emerald Light Purple



Medium Amber Pale Amber Ruby Red White Yellow

Caming Options



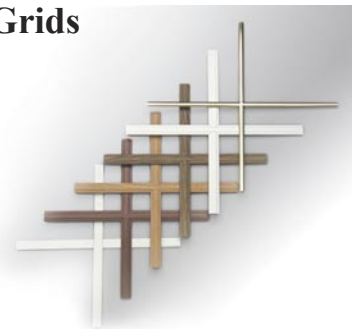
Brass Nickel Patina Zinc



Window and Patio Door Options

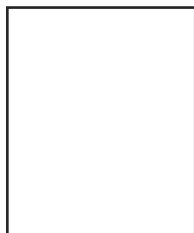
Restorations Windows come with a wide range of color and style options to compliment any home's decor. On this page you will find your options for vinyl color, SunBlinds, SunShades, grids and etched glass. Colors printed on this page may vary slightly from actual products. Check with your Shiner Roofing, Siding and Windows Restorations specialist to review the options available on each of our windows and to view actual color samples.

Grids

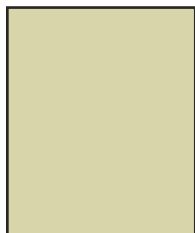


Colors

Solid



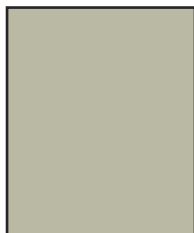
Painters White



Tan



Earthtone Exterior



Sandstone Exterior

Wood Grain



Golden Oak



Provincial Oak



Colonial Cherry

SunBlinds & SunShades Features

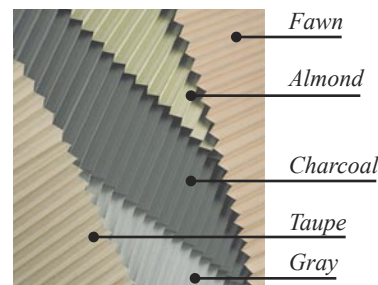


Magnetically controlled operator is used on all tilt only SunBlinds.



Magnetic operator and cord is used on both lift and tilt SunBlinds and SunShades.

SunBlinds & SunShades Colors



V-Groove Etched Glass

Our beautiful etched glass options are available on many of our windows. Choose from 7 unique styles.



Double Prairie



Florentine



Colonial



Petal



Marquis



Tudor



Trellis



See the Difference Professionals Make.

When it comes to replacement windows, we know that you have a wide range of choices. You have your choice of windows, and you have your choice of who installs them. The difference is, when you choose Shiner for your windows, you've chosen quality windows installed by professionals.

Shiner Roofing, Siding and Windows has been in business since 1981 providing high quality roofing, siding, windows and gutters. We select only the finest products and install them with our own skilled installers.

Your experience with Shiner will be **Professional. Start to Finish.**

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Professional. Start to Finish.



