



# Imperial ELITE

High-Performance Windows and Doors



**SoftLite®**  
Windows & Doors





## Enjoy unlimited benefits with Imperial Elite

SoftLite started manufacturing windows in 1934. A lot has changed since then. However, the desire to own a home and improve it to fit your lifestyle has stayed constant even though the concept of "improving your home" doesn't mean the same thing as it did more than 80 years ago. Rising energy costs, additional security concerns, and numerous other factors have reshaped what homeowners want for their homes.

Imperial Elite windows are the perfect combination of top-of-the-line materials and the newest manufacturing technology. Plus, they are continually enhanced to ensure they'll meet a whole new generation of needs for your home. When you purchase Imperial Elite windows, you get more than comfort and energy efficiency — you get beauty, function, security, and durability. You'll love the difference these windows make in your home!



**Most Efficient**  
**2021**  
[www.energystar.gov](http://www.energystar.gov)



# Standard features for structural integrity and energy efficiency

Imperial Elite windows from SoftLite are designed to be the most attractive, best-performing windows made today. These products are packed with unique features to ensure that they are truly the best investment you can make for your home. Providing you with thermal efficiency and ease of use for years to come is why we make Imperial Elite windows.



\* Feature not visible or in photograph.

- 1 Fusion-welded, uPVC frame and sashes provide long-lasting strength and durability and help to reduce air and water infiltration. This will never rot like wood or corrode like metal, and require very little maintenance.
- 2 Balance cover provides a clean, more finished appearance.
- 3 Vent latch, when deployed, will limit sash and frame travel while allowing ventilation.
- 4 600" of UltraSmart™ triple-fin weatherstripping wraps around the sash perimeter for ultimate air infiltration protection.
- 5 Endura-Force™ balance system ensures effortless and maintenance-free operation on double hungs and requires minimal lubrication or adjustment.\*
- 6 Smooth and easy integral lift rail features a comfortable, ergonomic design.
- 7 Extruded locking screen will not hour-glass, keeping screen taut. These screens lock for better security and are superior to the industry standard, roll-formed screens with no locks.\*

## AAMA Gold Label

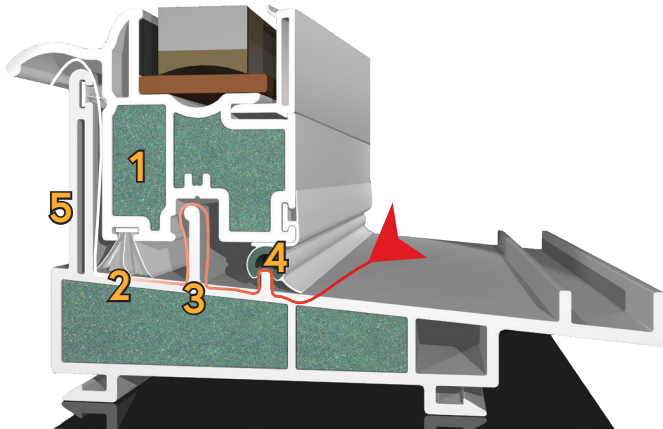
SoftLite Imperial Elite windows proudly carry the Fenestration and Glazing Industry Alliance's AAMA Certification, demonstrating product performance. The prestigious AAMA Gold label shows that products meet stringent performance standards by passing independent laboratory tests and follow-up, on-site inspections. This is widely accepted as an indication of product quality that meets stringent performance standards for air, water, structural load, and forced-entry resistance testing.

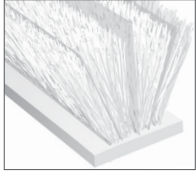
### AAMA Gold Label Certification

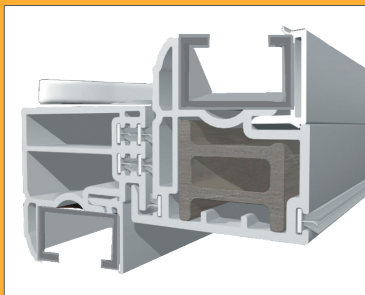
Air:	0.02 cfm at 25 mph — 15 times better than industry minimum of 0.30 cfm
Water:	LC55 56 mph — 8" rain per hour — 70% over industry minimum 33 mph
Structural:	DP55 180 mph

# Special Features Make the Imperial Elite Superior to the Competition

## Imperial Elite Dura-Sill Design



- 1) **Comfort Foam™** - R5 expanding polyurethane foam insulates sash and frames for greater energy savings.
- 2) **600" of UltraSmart triple-fin weatherstripping** - Located on all sashes and at the interlocking meeting rail and frame members. Ultrafab® Tri-Fin® Gold Series gaskets with Ultra-Fresh antimicrobial protection minimize drafts, dust, and pollen and fight mold and bacteria growth. 
- 3) **Structural sill and sash interlock** - Our interlocking sill-sash rail keeps the sash in place against the sill dam weatherstripping when the window is under extreme wind-load stress.
- 4) **Soft-Seal™ straddle gasket** - Our Q-Lon® compression gasket system straddles the sill rails when the sash is locked to add barriers and diversions for exceptional air and water resistance.
- 5) **Double-walled sill dam** - Tight, mortise-cut, double-wall sill dam extends inside the frame for strength and seal integrity.



### K-Beam Reinforcement

The sash keeper rail in Imperial Elite double-hung and sliding windows features K-Beam™ reinforcement with Kevlar® for maximum strength, energy efficiency, and durability.

This unique resin-based, glass-filled composite has Kevlar fibers for additional strength and lower thermal conductivity, which equals energy savings.



### Stainless Steel Spacer

Warm-edge stainless steel spacer systems features a flexible, U-shaped design that reduces the surface area and mass of the spacer to allow expansion and contraction to improve seal life and reduce condensation. This system resists spacer movement and sealant failure and is 10° warmer than aluminum and 5° warmer than tin.



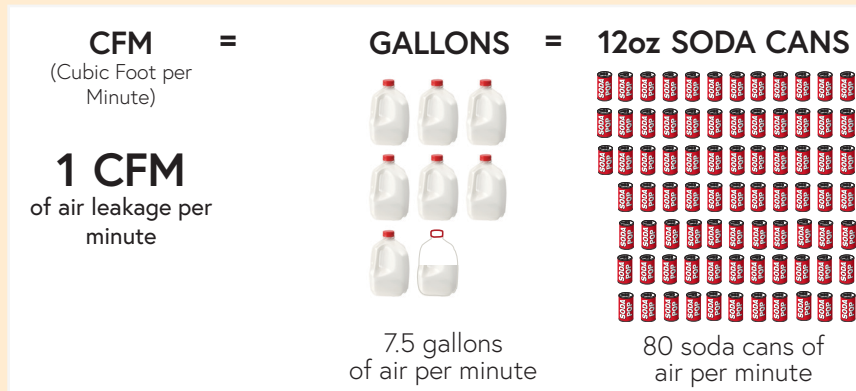
### Recessed Lock

Our recessed lock provides a sleek, low-profile appearance for enhanced beauty — while still offering strength and security. Dual locks are standard for widths greater than 24" for additional security. Combined with the Imperial Elite meeting rail reinforcement, these windows pass the stringent AAMA Gold Forced Entry Resistance certification.

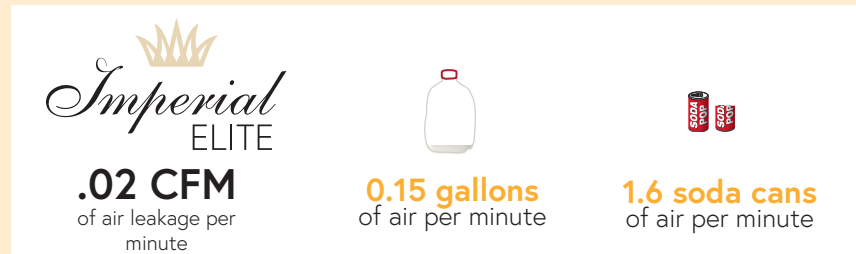
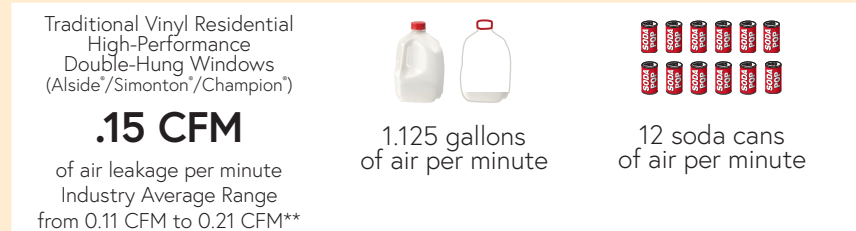
Standard hardware is white or beige for vinyl windows, pontiac gold for wood grains, and black for black laminate.



# AIR INFILTRATION COMPARISON



## INDUSTRY STANDARD



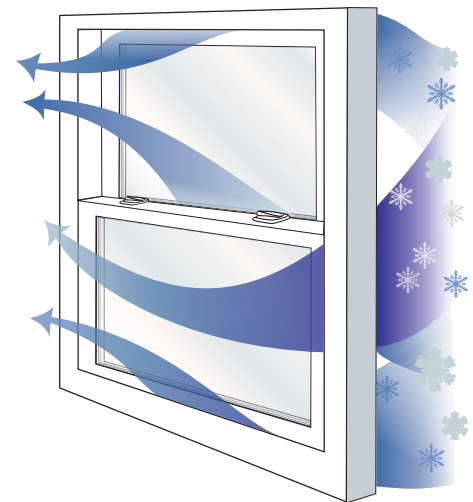
\*INDUSTRY STANDARD: The Fenestration and Glazing Industry Alliance (FGIA) set the industry standard for maximum allowable air infiltration at 0.30 CFM (cubic feet per minute) during a 25 MPH wind. This is equal to 2.25 gallons or 24 soda cans of air leaking through the window every minute!

\*\*References valid as of Oct. 1, 2020, based on our competitor's websites and independent testing.

## Why do Windows Leak?

Poorly designed windows don't have the built-in airlocks, weatherstripping, and barriers necessary to prevent air infiltration. Without these design features, air will push between the sash meeting rails and around the sash perimeter where it meets the frame and sashes.

We know how uncomfortable a home with leaky windows can be. So, we loaded the Imperial Elite window with weather barriers that go far beyond the industry standard and other manufacturer's window designs.



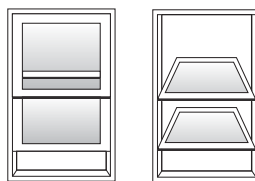
## THE LOWER THE CFM RATING

- The less outside air will leak into your home
- The more comfortable your home will be with fewer drafts
- The less your furnace or air conditioner will run and the more money you'll SAVE
- The smaller your carbon footprint

Imperial Elite windows are over 11x more airtight than traditional wood residential double-hung windows!



# Double-Hungs



Exterior view

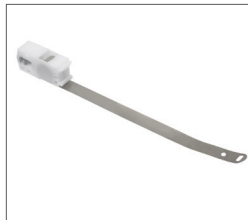


Tight mortise-cut, double-wall sill dam extends inside the jamb for strength and reduces chances for air or water infiltration

The most popular window style, SoftLite's Imperial Elite double-hung window, features two operating sashes. Both the top and the bottom parts of the window open and tilt in for ideal ventilation and cleaning. The stylish beauty and sculpted design of the Imperial Elite double-hung windows enhance the look of any home. Low-profile locks and an ergonomically designed sash lift rail give these windows an elegant look and feel. Beyond aesthetics, these windows provide excellent thermal performance and drastically reduce air infiltration, which helps make your home more comfortable and lower your energy bills.



Vent latch, when deployed, will limit sash travel but allow for ventilation.

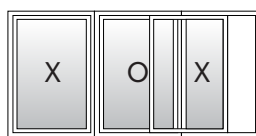


Endura-Force™ 3/4" balance system outperforms 1/2" spiral or block-and-tackle balancers. Thermally engineered housing provides increased energy efficiency, and the Teflon® coating provides effortless, quiet, maintenance-free operation.

The same beautiful, energy-efficient features that make our double-hung windows superior also apply to our sliding windows. Sliders operate similarly to double-hung windows, except they open horizontally. This style is popular for those who enjoy expanded, unobstructed outdoor views. Durable, tandem brass rollers ensure smooth, easy operation for decades. Our heavy-duty locking hardware helps keep your family — and your home — more safe and secure. Choose from two- or three-lite configurations, which incorporate both operable and fixed lites. Our sliders feature lift-out sashes for safe, easy cleaning of the interior and exterior glass of your windows safely from the comfort of your home.



2-lite slider



3-lite slider (fixed center lite)  
1/3-1/3-1/3 configuration (optional)



3-lite slider (fixed center lite)  
1/4-1/2-1/4 configuration (standard)

"O" = fixed lites. "X" = operating lites. All views interior. Choose from right- or left-hand operating lites.

# Sliders



Durable brass sash rollers ensure easy operation of our slider windows.



Secure locking hardware provides superior safety and security.



# Casements



## Hoppers



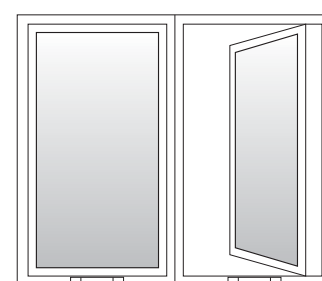
A multi-point lock activates multiple sash locks with one single lever.



Hidden corrosion-resistant, multi-point locking bar rollers engage with keepers on the sash, ensuring a positive, secure, and weather-tight seal.



Robust strength in a low-profile, standard fold-down handle design. The easy-to-open-and-close handle and hardware last a lifetime.



Interior view - Muller unit

Imperial Elite casement and awning windows define a special look and feel for your home. These window styles allow you to catch fresh breezes or open them all the way for easy cleaning, with just the turn of a handle. Whether in multiple-window configurations or as individual windows, these windows offer you many aesthetic choices so you can design them to perfectly match your home's décor.

Our easy-to-use, durable crank handle and hardware assures that you will be able to effortlessly open and close your windows so that you can enjoy beautiful days and evenings in style and comfort. The low-profile, fold-down design of our handles also provides a unobtrusive look for the interior and exterior of your home.

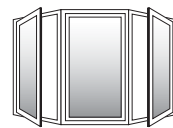
A single lever lock activates multiple locking points and ensures these windows are exceptionally secure and energy-efficient. Casements are hinged on the side and crank out at the bottom, awning windows are top-hinged and open up and out. SoftLite also offers hopper windows, which are bottom-hinged and open inward. *Awnings can be mulled vertically or horizontally.*

Imperial Elite casement windows offer industry-leading AAMA® GOLD LABEL CERTIFIED performance and one of the best NFRC® Rated U-factors in the window business.

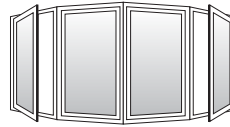
- Air: 0.02 CFM at 25 MPH
- Water: DP65 at 62 MPH at 8" of rain per hour
- Design pressure: DP60 at 187 mph wind load:
- Thermal NFRC tested: 0.15 U-factor with Ultra K glass



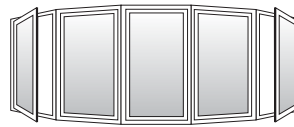
# Bays and Bows



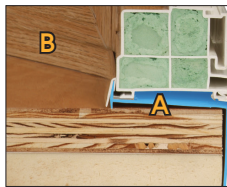
3-lite bay exterior  
10°, 15°, 30° and 45°



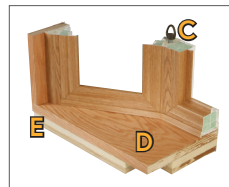
4-lite bow exterior  
10° and 15°



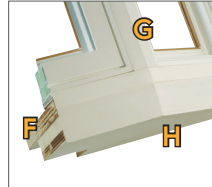
5-lite bow exterior 10°



- A. Exclusive welded sill pan (blue) eliminates water penetration and provides a built-in weep system with a smooth finish on the exterior surface of the seat board.
- B. Window/mull cavities are insulated with ComfortFoam for energy efficiency.



- C. Threaded steel rod and chain bracing system provides sag-free support. Knee brackets must be installed if roof overhang prevents the use of chain system.
- D. Factory-finished interior edge banding is beautiful protection for your Super-Seat.
- E. 1.25" thick furniture-grade plywood frame.



- F. Insulated seat board with 3/4" exterior clad plywood. Super Seat Dow® Foam 3" thick sandwich with R-9 performance for thermal protection and fight condensation.
- G. Backsealed mull cover plates prevent leaks.
- H. Factory-clad underside offers beautiful lines and consistent watershed.

The 3D effects of a bow or bay window enhance the look of any room by adding space, light, and viewing area to your home. These bow and bay windows are packed with features other manufacturers omit or charge extra for — such as ComfortFoam™ insulation in the frames, R-9 Super Seat™ to fight condensation and energy loss, an exclusive welded sill pan, a unique built-in weep system design, and so much more. You can choose from three- to five-lite configurations with casement, double-hung, or picture windows, as well as a selection of options for customization.

For special openings or to accent windows and doors, Imperial Elite windows are available in a variety of shapes and sizes with matching frame profiles and glass options. Special shapes are custom-built to your specifications — from circles, octagons and triangles to trapezoids, archtops, and half-rounds.

Shapes are available in our fixed, low-profile casement material or the Imperial Elite profile, depending on the type, size, or shape.

Picture windows are large, fixed-lite (non-operational\*) windows designed to give you a clear view of your surroundings without obstructions.

\* Certain-sized octagons may be operational

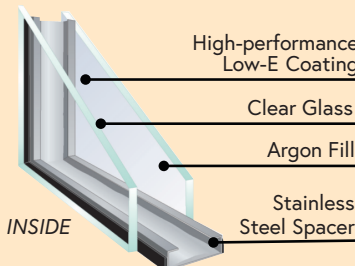
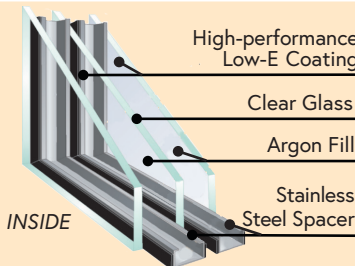
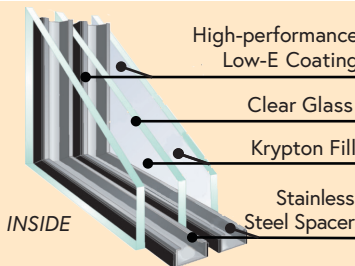
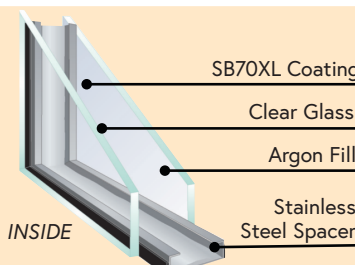
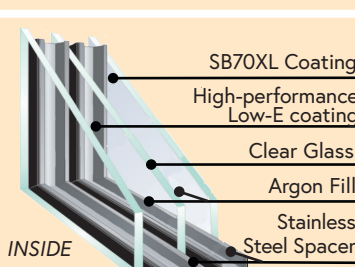
# Shapes and Pictures





# High-Performance Glass Options for Unparalleled Energy Efficiency

SoftLite offers an array of technologically advanced insulating glass systems that can be tailored to best perform in your climate region. This ensures that your new Imperial Elite windows will provide the best possible thermal performance for your home, which will save you money on energy costs. Below are just some samples of the Imperial Elite performance ratings, but there are several other combinations available. Ask your authorized dealer about the best glass option for your home.

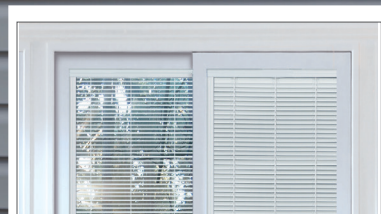
<h3>Low-E Glass Double-Pane with Stainless Steel Spacer</h3> <p>These values are for a double-hung window with Low-E glass, featuring double-pane glass, stainless steel spacer, and argon gas.</p>		<table><tr><th>U</th><th>S</th><th>V</th><th>C</th></tr><tr><td>0.27</td><td>0.26</td><td>0.48</td><td>57</td></tr></table>	U	S	V	C	0.27	0.26	0.48	57
U	S	V	C							
0.27	0.26	0.48	57							
<h3>Ultra Glass Triple-Pane with Stainless Steel Spacer</h3> <p>These values are for a double-hung window with two Low-E coatings, featuring triple-pane glass, stainless steel spacer, and argon gas.</p>		<table><tr><th>U</th><th>S</th><th>V</th><th>C</th></tr><tr><td>0.19</td><td>0.22</td><td>0.36</td><td>69</td></tr></table>	U	S	V	C	0.19	0.22	0.36	69
U	S	V	C							
0.19	0.22	0.36	69							
<h3>UltraK Glass Triple-Pane with Stainless Steel Spacer</h3> <p>These values are for a double-hung window with two Low-E coatings, featuring triple-pane glass, stainless steel spacer, and krypton gas.</p>		<table><tr><th>U</th><th>S</th><th>V</th><th>C</th></tr><tr><td>0.16</td><td>0.22</td><td>0.36</td><td>72</td></tr></table>	U	S	V	C	0.16	0.22	0.36	72
U	S	V	C							
0.16	0.22	0.36	72							
<h3>Solar Low-E Glass Double-Pane w/Stainless Steel Spacer</h3> <p>These values are for a double-hung window with SB70XL coating and Low-E glass, featuring double-pane glass, stainless steel spacer, and argon gas.</p>		<table><tr><th>U</th><th>S</th><th>V</th><th>C</th></tr><tr><td>0.27</td><td>0.20</td><td>0.46</td><td>57</td></tr></table>	U	S	V	C	0.27	0.20	0.46	57
U	S	V	C							
0.27	0.20	0.46	57							
<h3>Solar Ultra Glass Triple-Pane w/Stainless Steel Spacer</h3> <p>These values are for a double-hung window with SB70XL coating, Low-E coating, featuring triple-pane glass, stainless steel spacer, and argon gas.</p>		<table><tr><th>U</th><th>S</th><th>V</th><th>C</th></tr><tr><td>0.19</td><td>0.18</td><td>0.34</td><td>70</td></tr></table> <p>U= U-Factor    S= Solar Heat Gain Coefficient V= Visible Transmittance    C= Condensation Resistance</p>	U	S	V	C	0.19	0.18	0.34	70
U	S	V	C							
0.19	0.18	0.34	70							



SoftLite has been an ENERGY STAR® Partner of the Year since 2014 and has earned the Sustained Excellence award since 2016. Imperial Elite windows, coupled with high-performance glass, qualify for the ENERGY STAR label, helping you save money on your energy costs. Most Imperial Elite windows also qualify as ENERGY STAR Most Efficient Products, recognizing that they are "the best of the best" and deliver cutting-edge energy efficiency and the latest technological innovation. Imperial Elite windows help you save money on your energy costs, while protecting the environment.



# Patio Doors

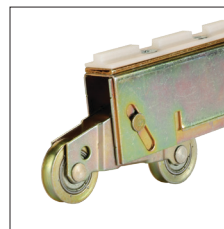


Never clean miniblinds again!  
Optional internal miniblinds have  
a lift and tilt option. Available in  
white or beige.

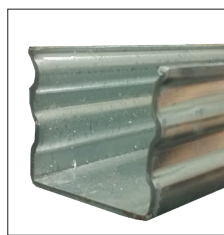
Our stunning sliding patio doors will make your home more beautiful and energy-efficient. All of our patio doors are designed for long-lasting durability and smooth operation. Choose from an array of options that allow you to customize the thermal efficiency and appearance of your new door.

Kingsroyal Glide™ sliding patio doors will beautify any room, especially when combined with side-lites and transoms. Your numerous options include eight different designer handles, unlimited exterior colors, four interior wood grain finishes, and a wide selection of grid patterns. For your comfort and peace of mind, we've loaded this door with super-strong metal reinforcement and other features that make it one of the most durable, energy-efficient, and secure doors on the market.

Our heavy-duty, ball-bearing, DuraRoller™, with its 1-1/4" diameter dual wheel keeps your door reliably on track. The roller is fully adjustable to accommodate seasonal foundation shifts in older homes.



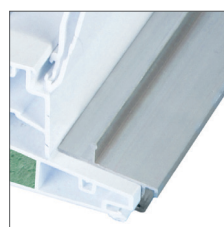
Our doors have metal reinforcement in all vertical sash stiles, which makes them exceptionally strong and durable.



Our 2-point mortise locking system securely locks the door into the jamb.



An aluminum capped threshold provides durability and longevity in the area of the door that catches occasional abuse from foot traffic.



# Options to Customize Your Windows

Select from a wide array of stunning options to truly match your new windows to your home's décor. Whether you desire the appearance of wood grain windows, prefer internal grids or SDLs to match your existing windows, our options will meet your needs.

## Decorative Grids

Internal grids will give your windows the look and feel of divided-lite windows — without the hassles! Because they're between the glass panes, these allow for easy cleaning. Available in both a contoured or flat design (in regular and wide widths) with several distinctive patterns. *Pencil grids also available. Check with your representative to see which grids choices work with specific patterns.*

Simulated Divided Lites (SDLs) - maintain the historic beauty of your home, and achieve the look of true colonial-style windows, with grids applied to both the interior and exterior panes



## Delta-E Foil Laminate

EXTERIOR



HD ANTIQUE BRONZE

## Delta-E Foil Laminate

INTERIOR/EXTERIOR



HD ULTRA BLACK\*

\*Black laminate is only available as a combination interior/exterior. Not available on bays and bows.

## Vinyl Colors

INTERIOR/EXTERIOR



SOFT-WHITE



BEIGE

## Wood Grain Colors

INTERIOR



BRAZILIAN



CHERRY



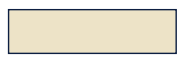
MEDIUM OAK



LIGHT OAK

## Sure-Coat PVC Standard Bond Colors

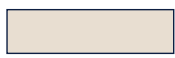
EXTERIOR



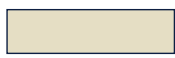
COASTAL DUNE 08



BLACK 09



CHAMPAGNE 10



ALMOND 20



BRONZE 21



ROYAL BROWN 24



COLONIAL IVORY 32



SANDSTONE 37



GRAY 39



TERRATONE 53



FOREST GREEN 78



SIERRA 83



WEDGEWOOD BLUE 93

Sure-Coat colors are warranted for 10 years. Custom colors are available for a fee.

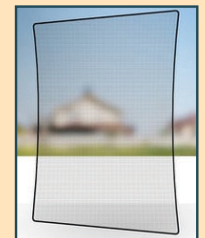
## BetterVue™ Screens

BetterVue high-definition fiberglass screens with 30% smaller holes provide improved light transmittance and airflow while increasing protection.



## FlexScreens

FlexScreen features a cutting-edge, PVC-coated, high-performance spring steel frame. It is hidden in the window screen pocket, making it virtually invisible and drastically improving sightlines.



(Standard on select products with PVC exterior bond colors. Not available on casements or awnings.)

## Obscure Glass

Our obscure glass provides privacy while illuminating your room. Choice of three styles. Tinted and leaded glass designs are also available.



RAIN



STANDARD



GLUE CHIP





CONNECT WITH US!

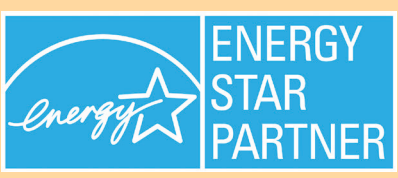


Authorized Imperial Elite Dealer:



# LIFETIME WARRANTY

Our Lifetime Warranty is designed to protect your investment and our reputation. It guarantees that our windows will not rot, rust, warp, pit, corrode or blister, and that our vinyl colors will remain true for the life of your home. Our Lifetime Warranty is non-prorated and is fully transferable. We also warrant all moving parts and the hermetically insulated seal against defects in materials or workmanship. Additionally, we offer the ultimate protection with a lifetime glass breakage rider for extra peace of mind. Go to [www.soft-lite.com/lifetime-warranty](http://www.soft-lite.com/lifetime-warranty) to view our warranty for specific terms and conditions.



SoftLite Windows is proud to be a multi-year ENERGY STAR Partner and Sustained Excellence Award winner.



SoftLite, window sponsor with the National Crime Prevention Council, offers intruder-resistant windows.



[www.soft-lite.com](http://www.soft-lite.com)