

Soft-Lite[®] Pro[™] Window



 Soft-Lite[®]
Windows
Bringing quality to light.

Windows for a Lifetime



Soft-Lite has been manufacturing window products since 1934. For decades the company has focused on producing energy efficient windows that incorporate all the latest technologies.

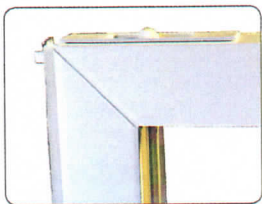
Soft-Lite has also innovated many new features based on customer need or request. It was one of the first to offer interior woodgrain finishes and an unlimited number of exterior vinyl colors. Today the company is a leader in the vinyl replacement window industry.



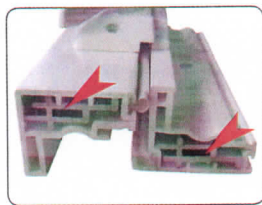
Soft-Lite
Pro™

PRO™ PROVIDES DURABILITY AND ENERGY EFFICIENCY

The Soft-Lite Pro™ window is a time-tested, thermally efficient design. It has proven to be very effective at increasing energy efficiency and significantly cutting down on air infiltration.



Aesthetically pleasing, airtight fusion weld is featured on both the sash and main frame.



Metal reinforcement prevents meeting rails from warping and improves durability.



Tight mortise-cut, double-wall sill dam extends inside the jamb for better protection against air and water infiltration.



DURA-SILL
BARRIERS & DIVERSIONS™

Dura-Sill™ is the most unique window sill design in the industry.

A. Structural interlock in the bottom sash minimizes air infiltration.

B. Soft-Seal™: Q-Lon® Neoprene cushion-gasket beneath sash straddles the raised sill rail, when locked, providing a tight seal to reduce air and water infiltration.

COMFORT™
FOAM

C. Comfort-Foam™ insulated windows are 500% more thermally efficient than non-insulated

windows. An added benefit of insulated windows is the reduction in outside noise.

PRO™ WILL GIVE YOU PEACE OF MIND!



1. Superior Design: One-piece telescoping sloped sill creates strong bond between sill and jamb for maximum weather protection.

2. Superior Engineering: Triple Interlocking Systems. Top and bottom sash lock into sill frame. Meeting rails interlock to create a weather barrier and add structural integrity.

3. Multi-chambered frames with heavy gauge vinyl walls provide superior strength and increased thermal efficiency.

4. Insulated glass saves energy year round and reduces outside noise. Pro comes standard with Dual Pane, double strength insulated glass with Argon gas and SuperSpacer®.

5. Spacer System: For optimal reduction of heat and cold transfer around the glass perimeter, Pro uses TrueWarm® SuperSpacer® which is 11 degrees warmer than Intercept and 16 degrees warmer than aluminum at edge of glass.

- With our innovative **Certa-Force™ System** your windows will always provide the easiest lift action possible. Our system is corrosion proof, never needs lubrication, and comes with a lifetime warranty.

- **Full beveled head** for a consistent look around the top and sides of the window.



Superior manufacturing with industry leading tolerances of 1/32" from our Computer-Controlled New-Generation Robotic Equipment.

Pro Windows use Soft-Lite® lead-free, virgin 70 mil thick UPVC vinyl. This superior quality, maintenance-free vinyl is 40% stronger than other vinyl.

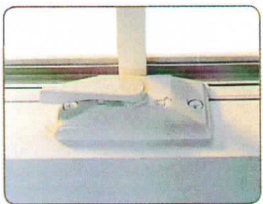


Get The Best With Optional R-5 Windows

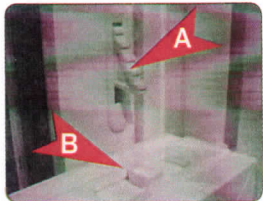
The insulated Pro™ window with the Ultimate Glass™ package, shown at right, is rated at R-5. According to the Department of Energy, "Common ENERGY STAR® windows only have an R-Value of 3. Increasing the R-value from 3 to 5 reduces average heat loss through the windows by 40% and saves consumer money on energy bills." Windows in the U.S. account for 30% loss of building heating and cooling energy, representing an annual impact on peak energy demand and an occupant comfort. Pro windows offer this optional triple-pane, insulated glass as an upgrade.



Non-insulated R-1 windows don't even come close to the energy efficiency rating of a Pro window.

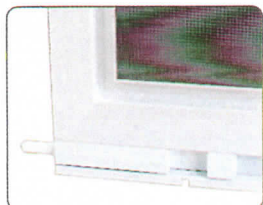


Delta heavy duty lock secures sashes and gives maximum weather protection.



A. Heavy duty vent lock allows window to remain partially open.

B. Low profile tilt latches are easy to use.



Screen latch locks screen in place.



Slider in 1/4-1/2-1/4 configuration

CASEMENTS

The Pro Casement window provides industry leading AAMA® Gold Label Certified performance and some of the best NFRC Rated U-factors in the window business.

Air: 0.05 cfm at 25 mph

Water: DP50, 54 mph at 8" rain per hour

Design Pressure: DP40, 153 mph windload

Thermal NFRC Tested: .17 U-factor with Ultimate Glass™



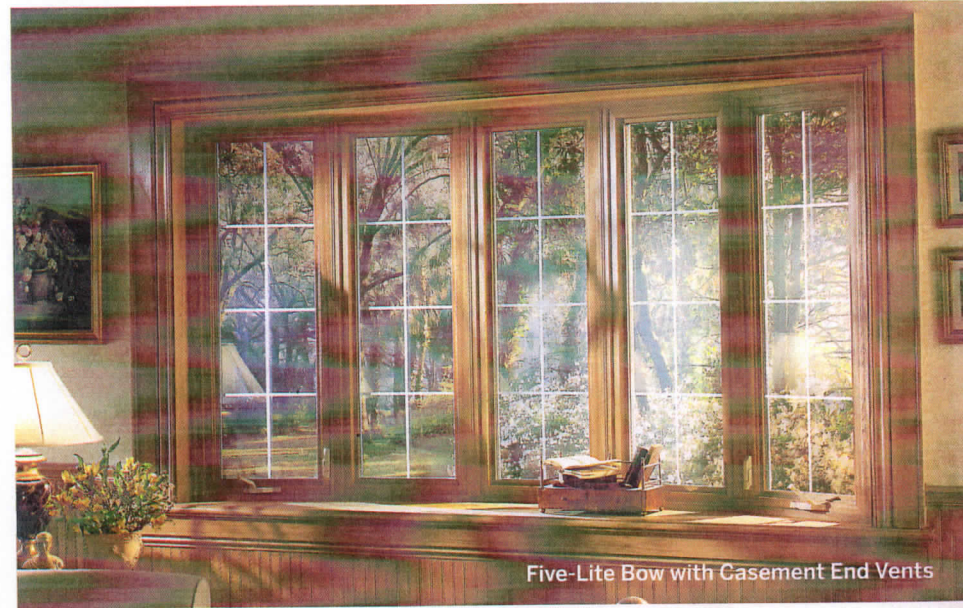
Energy Efficient Casements with Grids

SPECIALTY WINDOWS AND DOORS

One exciting benefit of choosing the Pro window line is our large selection of window and door styles. Now you can include your windows and patio doors in your interior decorating plans.



Bay Window with Casement Side Vents



Five-Lite Bow with Casement End Vents



Garden Window with Trapezoid Casements



Sliding Patio Door with Grids and Sidelites

COLOR AND WOODGRAIN OPTIONS

One of the greatest benefits of choosing our Soft-Lite® windows are their decorative choices. Your new Soft-Lite® Pro™ windows will not only keep you comfortable with excellent energy efficient characteristics, they will also keep you smiling with all their color choices and grid options.

Available in 14 Sure-Coat™ exterior colors, our color matching system also allows us to custom match any color you choose. For a small fee we send your color sample to our World Class color supplier for a perfect match. Sure-Coat™ is warranted for 10 years.

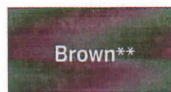
Standard Int./Ext. Vinyl Colors



Beige*



Soft-White™



Brown**

Interior Woodgrain Colors*



Light Oak



Cherry



Medium Oak



Brazilian Cherry

*Garden windows not available in Beige or woodgrains. Woodgrains only available in Soft-White vinyl.

**Brown is AAMA SILVER Label Rated

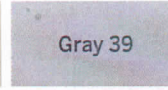
Sure-Coat™ Exterior PVC Bond Colors



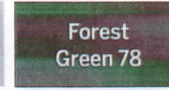
Champagne 10



Sandstone 37



Gray 39



Forest Green 78



Royal Brown 24



Almond 20



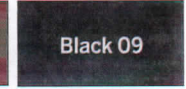
Sierra 83



Terratone 53



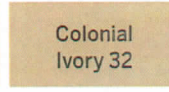
Rosewood 57



Black 09



Coastal Dune 08



Colonial Ivory 32



Bronze 21



Wedgewood Blue 93

Actual color samples may vary from brochure. See your Soft-Lite Dealer for more precise color representations. All exterior colors should be viewed in outside daylight.

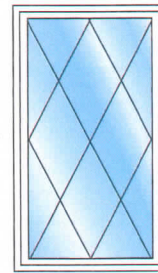
GRID PATTERNS

Grids are available in colors to match your windows. All contour and flat grids are contained within the insulated glass. The grids stay dirt-free for a lifetime and the outside glass remains easy to clean.

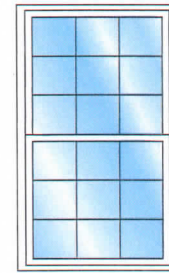
Contour Grids



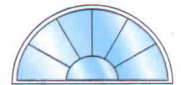
Flat Grids



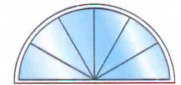
Diamond (Flat Only)



Colonial (Flat and Contour)



Sunburst (Flat Only)



Starburst (Flat and Contour)

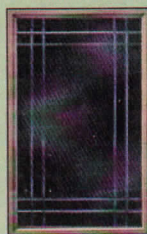
ETCHED GLASS OPTIONS



Diamond (Polished)



Colonial (Polished)



Double Prairie (Polished)



Florentine (Polished)

SPECIAL SHAPES

Our custom shaped architectural windows are fusion welded and available with these options:

- Soft-White™, Beige, or Brown vinyl.
- Light Oak, Medium Oak, Cherry, and Brazilian Cherry woodgrain interiors with Soft-White exterior.
- Starburst, Sunburst, or Colonial grid patterns.
- Frosted glass.
- Low-E glass.



Trapezoid Left (Right Available)



Triangle Left (Right Available)



Hexagon (Also Elongated Hexagon)



Octagon (Also Elongated Octagon)



Eyebrow EL



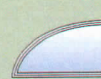
Pentagon Extended Leg



Full Circle



Quarter Circle



Half Eyebrow



Eyebrow

AIR INFILTRATION RATINGS MATTER!

Why Do Windows Leak Air?

Poorly designed windows don't have the built-in airlocks, weatherstripping, and barriers necessary to keep air from forcing its way in. Without these design features air will push between the sash meeting rails and around the sash perimeter.

We know how uncomfortable a home with leaky windows is. So, to keep you comfortable, we loaded the Pro window with weather barriers that go far beyond the industry standard

and other manufacturer's window designs. The Pro window is so superior that it leaks only a fraction of what all other typical vinyl and wood windows leak.

Our Pro window has earned the prestigious AAMA Gold Label Certification for air performance. Its rating of .07cfm makes it 114% tighter than an average vinyl window which helps keep your home more allergy and asthma friendly.

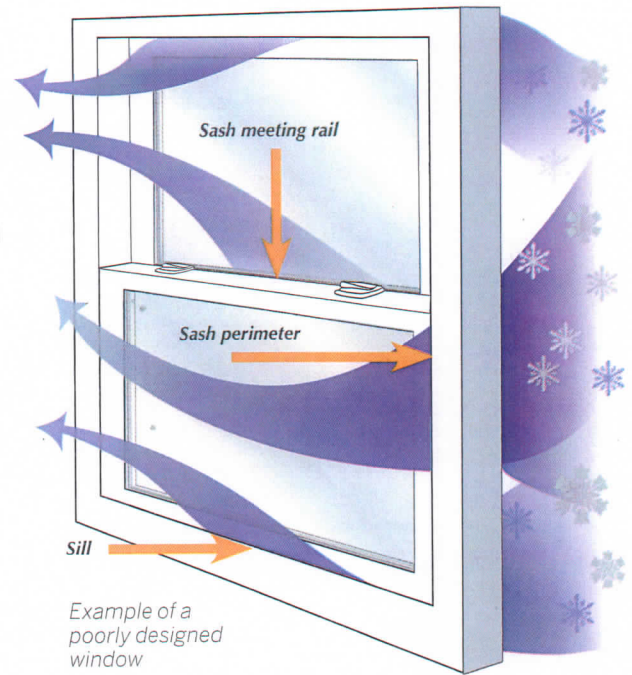


Manufacturer of Certified Products

GOLD LABEL AIR INFILTRATION CERTIFICATION – MEETS AND EXCEEDS INDUSTRY STANDARDS

AAMA Overall	R-50
AAMA Structural	DP-50/171 mph
AAMA Water	Grade 50-54 mph
AAMA Air	.07cfm at 25 mph

Areas Of Air Infiltration



Air Infiltration Comparison Chart

CFM (Cubic feet per minute)	=	GALLONS	=	12 OZ. SODA CANS
SoftLite Pro™ .07 CFM of air leakage per minute		 0.525 gallons of air leakage per minute		 5.6 soda cans of air leakage per minute (67.2 oz/min)
Traditional Vinyl Residential High Performance Double Hung Windows (Alside/Simonton/Champion) .15 CFM avg. air leakage per minute Industry Average Range from 0.11CFM to 0.21CFM*		 1.125 gallons of air leakage per minute		 12 soda cans of air leakage per minute (144 oz/min)
At the above rate Pro windows are over 2 times more air tight than traditional vinyl residential high-performance double hung windows.				
Traditional Wood Residential Double Hung Windows (Pella/Marvin/Jeld-Wen/Andersen) .23 CFM avg. air leakage per minute Industry Average Range from 0.12CFM to 0.30CFM*		 1.725 gallons of air leakage per minute		 18.4 soda cans of air leakage per minute (220.8 oz/min)
At the above rate Pro windows are over 3 times more air tight than traditional wood residential double hung windows.				
Industry Standard** .30 CFM of air leakage per minute		 2.25 gallons of air leakage per minute		 24 soda cans of air leakage per minute (288 oz/min)

*References valid as of October 1, 2010 based on our competitors' websites and independent testing.

**Industry Standard: AAMA (American Architectural Manufacturers Association) has set the Industry standard for Maximum Allowable Air Infiltration at .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!

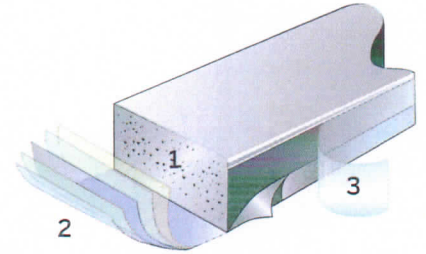
CONSIDER THIS: You would need to combine more than **13 Pro windows** to get as much air leakage as **four traditional wood** residential double hung windows, and more than **8 Pro windows** to get as much air leakage as **four traditional vinyl high-performance** double hung windows.

ADVANCED INSULATED GLASS UNIT TECHNOLOGY

Super Spacer®... The Truewarm® Spacer

SUPER SPACER® is the world's only 100% foam, METAL FREE Warm Edge sealing system. Super Spacer® between the panes of an insulated glass unit blocks the heat escape path and provides one of the best thermal performances in the industry. Metal Free Super Spacer® is flexible and resists stress. The less metal you have, the lower your U-Factor, and the more energy efficient your window is.

1. Thermoset silicone foam matrix.
2. Proprietary multi-layer vapor barrier.
3. Structural adhesive combines with perimeter edge sealant for dual performance and durability.



Super Spacer® Health Smart Glass Units Minimize Condensation And Mold



Super Spacer® fights condensation and mold like no other warm edge spacer.

The primary window condensation culprit is the spacer between the glass panes. Common spacers conduct heat and cold, causing condensation at the edge of the glass. Only a warmer edge surrounding the glass will strike at the heart of the problem. The world's only TrueWARM® edge occurs with Super Spacer®, the insulating foam spacer that reduces condensation and allows for comfortable household humidity levels.

Window condensation contributes to mold growth inside window and wall openings and can lead to unsightly stained wood, peeling paint, and rotted frames.

Mold has been linked to child asthma, general respiratory illness, allergies, and outbreaks of fungal diseases.



Full-Metal Spacer
With conventional metal spacers, condensation is a fact of life.

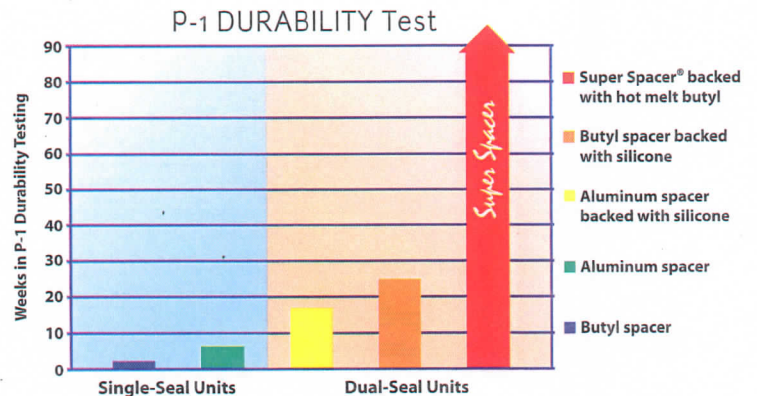


Metal-Free Super Spacer®
Dramatically reduces interior condensation.

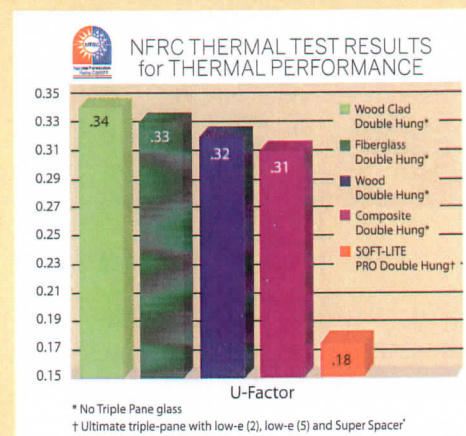
Super Spacer® Is Durable

Super Spacer® sealed units have up to twenty times the life expectancy of single seal insulating glass systems. The P-1 durability test at right shows the dramatic difference Super Spacer® makes in the longevity of your insulated glass system.

The P-1 test is considered to be the world's toughest durability test. All units are continuously exposed to 140°F (60°C), 95-100% humidity and constant UV bombardment. Each week of testing is equivalent to approximately one year of actual field use. Super Spacer® units have also tested to show a loss of less than 1% Argon gas in 5-years of service life simulation.

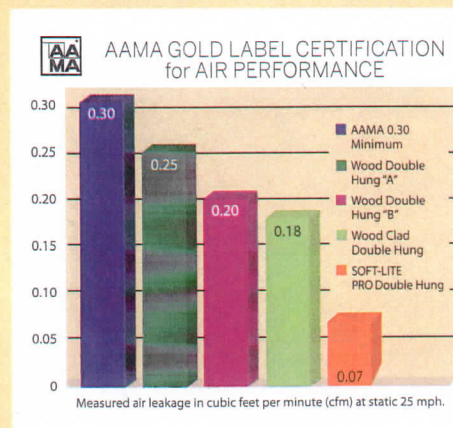


Thermal Performance



Soft-Lite tests all its windows to NFRC® specifications. Summary test results are available from your Soft-Lite® authorized dealer. To be certified a window must have an NFRC® label affixed to it.

Structural Design Performance

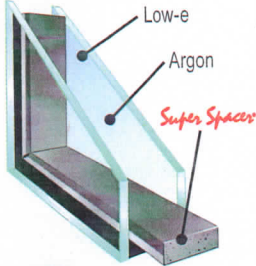


Soft-Lite® tests all its windows to AAMA® specifications. Results are available on the AAMA® website and detailed test results are available from your Soft-Lite® authorized dealer. (www.aamanet.org)

SELECT AMONG HIGH-PERFORMANCE GLAZING OPTIONS

Soft-Lite® purchases the best available glass products from leaders in the industry who focus exclusively on glass fabrication. Consult with your Soft-Lite Window Representative for many additional options and ancillary products.

Soft-Lite Pro Dual Pane High Performance Double Strength Low-E Glass with Super Spacer® and Argon Gas

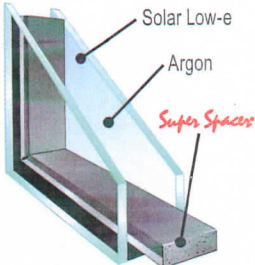


ENERGY STAR® Qualified in Highlighted Regions	
Soft-Lite® Windows VINYL DOUBLE HUNG PRO Double Glazing, Argon Fill, Low-E	
ENERGY PERFORMANCE RATINGS	U-Factor (U.S.A.P.)
0.28	0.30
ADDITIONAL PERFORMANCE RATINGS	Visible Transmittance
0.54	56

Health Smart Windows

This window is ENERGY STAR qualified in North, North-Central, & South-Central zones.

Soft-Lite Pro Dual Pane Solar Low-E Glass with Super Spacer® and Argon Gas



ENERGY STAR® Qualified in Highlighted Regions	
Soft-Lite® Windows VINYL DOUBLE HUNG PRO TURBO Double Glazing, Argon Fill, Low-E	
ENERGY PERFORMANCE RATINGS	U-Factor (U.S.A.P.)
0.27	0.21
ADDITIONAL PERFORMANCE RATINGS	Visible Transmittance
0.49	57

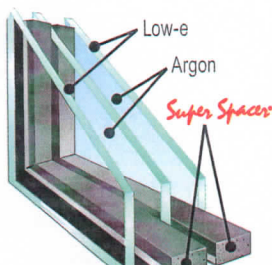
Health Smart Windows

SOLARBAN® SOLAR CONTROL LOW-E GLASS 70XL

This window is ENERGY STAR qualified in ALL Climate Zones.

ULTRA-S GLASS™

Soft-Lite Pro Triple Pane Ultra-S Glass™ with Super Spacer® and Argon Gas



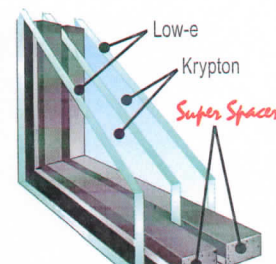
ENERGY STAR® Qualified in Highlighted Regions	
Soft-Lite® Windows VINYL DOUBLE HUNG PRO Triple Glazing, Argon Fill, Low-E	
ENERGY PERFORMANCE RATINGS	U-Factor (U.S.A.P.)
0.23	0.26
ADDITIONAL PERFORMANCE RATINGS	Visible Transmittance
0.43	64

Health Smart Windows

This window is ENERGY STAR qualified in ALL Climate Zones.

Ultimate Glass™

Soft-Lite Pro Triple Pane Ultimate Glass™ with Super Spacer® and Krypton Gas



ENERGY STAR® Qualified in Highlighted Regions	
Soft-Lite® Windows VINYL DOUBLE HUNG PRO Triple Glazing, Krypton Fill, Low-E	
ENERGY PERFORMANCE RATINGS	U-Factor (U.S.A.P.)
0.18	0.26
ADDITIONAL PERFORMANCE RATINGS	Visible Transmittance
0.43	68

Health Smart Windows

This window is ENERGY STAR qualified in ALL Climate Zones.

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 warranty all moving parts and the hermetically insulated seal against defects in materials or workmanship. Finally, we offer an optional lifetime glass breakage rider for extra peace of mind.

No One Will Give You More.™

Soft-Lite®
Windows
Bringing quality to light.

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Streetsboro, OH 44241
Phone: (330) 528-3400
Fax: (330) 528-3501
www.soft-lite.com



Multiple Crystal Achievement Award Winner

WindowDoor
TOP 100
MANUFACTURERS IN 2012

Soft-Lite, window partner with the National Crime Prevention Council, offers intruder-resistant windows.



NATIONAL CRIME PREVENTION COUNCIL

Soft-Lite, window partner of the National Crime Prevention Council



www.NewWindEnergy.com

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Soft-Lite Windows is proud to be an **ENERGY STAR® Partner**. When you buy Soft-Lite's ENERGY STAR® qualified Soft-Lite Pro windows, you're buying the best.



NFRC® WINDOW LABELS

All NFRC labels refer to whole window performance, not just the insulated glass unit.

About NFRC® Ratings

The National Fenestration Rating Council® is a third party, non-profit organization that independently administers a uniform rating and labeling system for the energy performance of windows and doors. The NFRC® label on your windows is specific to the overall thermal performance of the specimen window tested (www.nfrc.org).

What the ratings on the label mean:

U-Factor – The lower the U-Factor the better the window's overall thermal performance. The glass package, the window's material, and its components all affect the rating.

Solar Heat Gain Coefficient – A measurement of how well products block heat caused by sunlight. The rating is expressed as a number between 0 and 1. The lower the number the better which also means less solar heat is transmitted through the window.

Visible Transmittance – A measurement of how much light comes through the window. Expressed as a number between 0 and 1, the higher the VT the better.

Condensation Resistance – A measurement of how well the window resists condensation on the glass. The higher the number the better.