



Nearly indestructible.  
Barely visible.  
Effortless Installation.  
Everything you want a screen to be.



An advanced material developed through an intensive manufacturing process and formulated to withstand the harsh effects of weather and ultraviolet light.

Sunshield® is an environmentally minded compound that exceeds all required material standards for strength and best-in-class performance.



Standard with Innergy® Rigid Thermal Reinforcements, the next generation of reinforcements designed to slide easily into window chambers for great support and thermal performance.

Innergy® Rigid Thermal Reinforcements are advanced fiber glass reinforced resin inserts with all the strength and structural reinforcement of aluminum, but with a whole new set of high-performance benefits.

# About Us...

Gild-N-Son Mfg. & Sales has been manufacturing windows since 1946.

Over 70 years of experience, and knowledge in the window industry, give us the expertise to build the highest quality product.

Our Commitment to product excellence, and customer service satisfaction makes Gild-N-Son the right choice for any residential or light commercial window and door project.

Top Grade Vinyl provided by Deceuninck, a global leader in Vinyl products, associated with an innovating engineered design makes the Energex Elite Window a premium product.

Our Energex Elite windows have optimum design, superior performance, and extreme weather resistance. You will also find that the Energex Elite Window Systems offer excellent color retention, and they are designed with quality and craftsmanship in mind while being engineered to exact standards.



**ENERGEX  
ELITE  
WINDOW SYSTEM**



**INNOVATION  
WITHOUT COMPROMISE**

Your Local Professional:



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The color GREEN used in INNERGY is a trademark of Deceuninck North America LLC.

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[www.energexwindows.com](http://www.energexwindows.com)  
[www.gildnsonwindows.com](http://www.gildnsonwindows.com)

# DOUBLE HUNG | HORIZONTAL SLIDER | PICTURE



## A vision of excellence.

The Energex Elite window system represents a high-end and highly technical approach to window design.

These beautiful window systems incorporate unsurpassed innovation and engineering technology and can exceed performance requirements for impact resistance and standard ENERGY STAR requirements.

Select from a variety of highly durable, low-maintenance colors and optional finishes. Create your own unique window by including popular options such as ultra-performance insulated glass, triple pane or mini-blinds hermetically sealed inside the glass, and many more.

### PERFORMS WITH STYLE

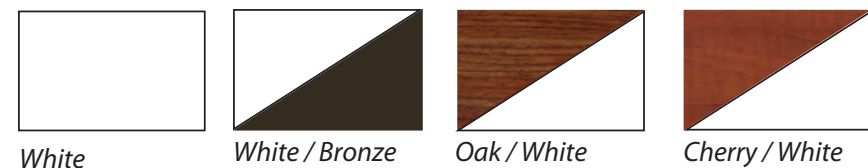
The Energex Elite window system is a high-performance window system, with enhanced structural and thermal performance for use in renovation and remodeling, and new construction applications.

- Rich, contemporary look
- Premium performance: up to DP55
- High-end glass options
- Latest integrated locking and latching hardware

### CONFIGURATIONS

- Double Hung
- Horizontal Slider
- Picture Window

### STANDARD COLORS



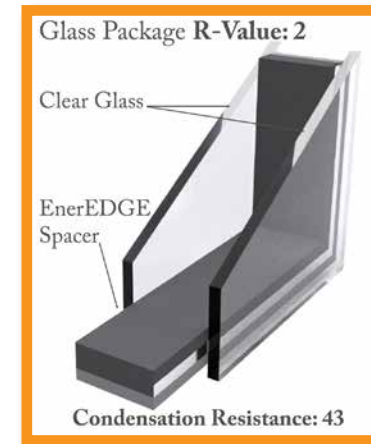
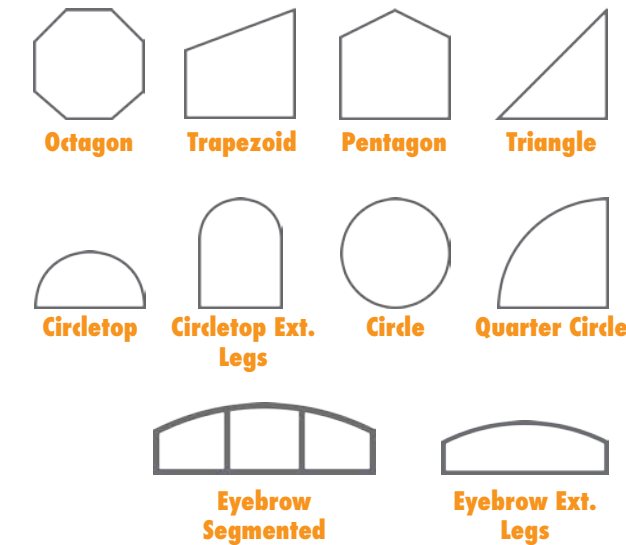
## Options

- Triple Pane High Performance Low-E Argon Glass
- Tempered Glass
- Full Screen
- Aluminum Screen Mesh
- Neopor® Insulated Frames and Sashes
- Factory Mulling
- Integrally Molded Nail Flange with J-channel
- Oriel or Cottage Style Sashes
- Obscure Glass
- Internal Raise and Lower Blinds
- Exterior Brickmould

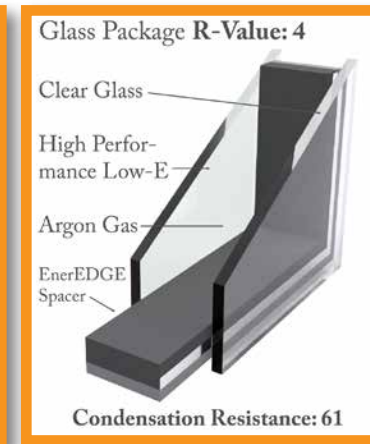
Ask for additional options that are not listed.

## Special Shapes Available

(More styles available by request)



**Double Pane with Clear Glass and no gas (Standard Package)**

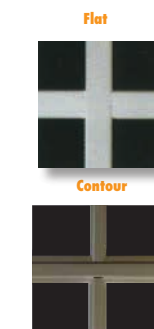
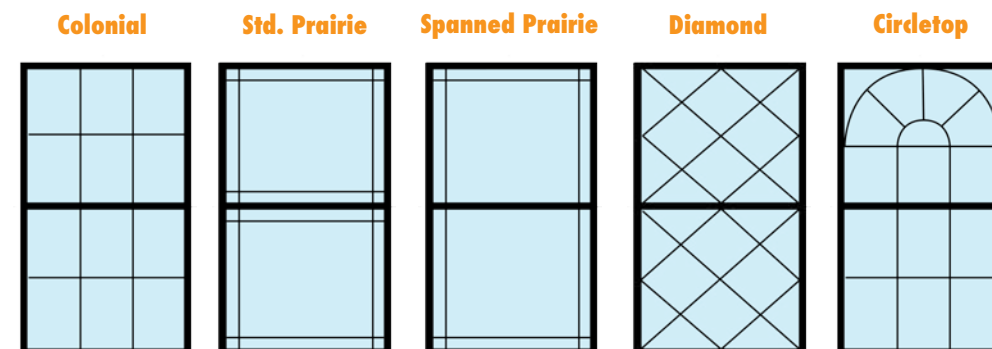


**Double Pane with High Performance Low-E and Argon gas**



**Triple Pane with 2 coatings High Performance Low-E and Argon gas**

## Grids



### DOUBLE HUNG PERFORMANCE

(48 X 75 test unit)

- Structural: DP 55
- Thermal performance range: .48 to .18
- Air Infiltration: 0.05 cfm
- Designed to achieve excellent Sound Transmission Coefficient (STC)

### DESIGN

- Low profile design to maximize viewing area
- 3 1/4" frame depth increases structural rigidity for a lifetime of performance
- Built in J-Channel to accept vinyl siding
- High-end glass options including tempered, internal grids, internal blinds, and triple glazing
- Rounded contours and soft corners improve the adhesion of lamination and painting
- Multi-chamber frame for improved energy efficiency
- Multiple weather seal locations

### WARRANTY

- Lifetime warranty on vinyl.
- 20 year warranty on glass against stress cracks and seal failure.
- 3 year warranty on hardware.



# Double Hung



- Low profile design to maximize viewing area
- Rounded contours and soft corners
- Multi-chamber frame for improved energy efficiency
- Fusion Welded frames and sashes



Triple weather-stripping at all sealing locations

.065" thick vinyl walls

Integrated lock/tilt mechanism provides hassle-free operation

Extruded aluminum screen frame with fiberglass mesh is standard in a half screen configuration

INNERGY® Rigid Thermal Reinforcements standard on all sizes >36" wide



**Glass Package: 3/4" OA**  
Super Spacer Warm Edge spacer system (no metal to conduct cold)  
Available with: High Performance Soft-Coat Low-E and Argon Gas Fill

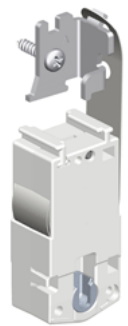


See Flap inside back cover for more details

High-performance sill with exclusive sash/sill interlock

Available with integral nailing fin for new construction applications or without nailing fin for replacement applications.

1/2" Constant Force Coil balance system



## Performance

The following performance ratings are based on a double hung window with a vinyl frame and sashes.

Glass	Overall IG Thickness	Air Infiltration	Total Product U-Factor	Total Product SHGC	Condensation Resistance
Double Pane Low-E Argon	3/4"	0.05 cfm	0.28	0.30	61
Double Pane Low-E Argon W/ Foam Fill Frames	3/4"	0.05 cfm	0.27	0.30	61
Triple Pane Low-E Argon W/Foam Fill Frames	1"	0.05 cfm	0.19	0.25	70



# Horizontal Slider



Available with integral nailing fin for new construction applications or without nailing fin for replacement applications.

**Glass Package: 3/4" OA**

Super Spacer Premium Warm Edge spacer system (no metal to conduct cold)

Available with: High Performance Soft-Coat Low-E and Argon Gas Fill



INNERGY® Rigid Thermal Reinforcements standard on all sizes > 36" tall



Extruded aluminum screen frame with fiberglass mesh is standard in a full screen configuration

Fusion Welded frames and sashes

Triple weather-stripping at all sealing locations

## STANDARD COLORS



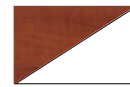
White



White / Bronze



Oak / White



Cherry / White





- Low profile design to maximize viewing area
- Rounded contours and soft corners
- Multi-chamber frame for improved energy efficiency
- Fusion Welded frame

*Glass Package: 3/4" OA  
Super Spacer Premium Warm Edge  
spacer system  
(no metal to conduct cold)  
Available with: High Performance Soft-Coat  
Low-E and Argon Gas Fill*

Available with integral nailing fin for new construction applications or without nailing fin for replacement applications.

**STANDARD COLORS**



White



White / Bronze



Oak / White



Cherry / White

**Picture Window**



# CASEMENTS | AWNINGS



**BROADEN YOUR HORIZONS**

## CASEMENTS | AWNINGS



### A new realm of possibility.

The EnergeX Elite casement and awning windows open a window of opportunity through high-end window design.

With polished design and the added flexibility of multiple configuration options, these windows can exceed performance requirements for impact resistance and energy savings requirements for the ENERGY STAR program.

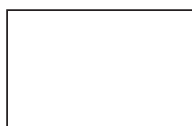
Designed to complement the EnergeX Elite Double Hung and Horizontal Slider systems, these windows add the freedom of a casement window for increased ventilation and a wider opening.

#### PEAK PERFORMANCE

The EnergeX casement window is a high-performance window system, with enhanced structural and thermal performance for use in renovation and remodeling, and new construction applications.

- Rich, contemporary look
- Premium performance: up to DP50
- High-end glass options

### STANDARD COLORS



*White*



*White / Bronze*



*Oak / White*



*Cherry / White*

# Casement

## PERFORMANCE\*

- Structural: Up to DP 50
- Thermal performance range: .42 to .18
- Impact capable

## DESIGN

- New construction or replacement applications
- Triple-seal design
- Water channels designed to direct wind-driven rain away from window
- 3 1/4" frame depth
- Multi-chamber frame for improved energy efficiency
- Standard with Innergy® reinforcements

## CASEMENT/AWNING

- Fully welded frame and sash
- New construction or replacement applications
- Triple-seal design
- Water channels designed to direct wind-driven rain away from window
- 3 1/4" frame depth

## WARRANTY

- Lifetime warranty on vinyl.
- 20 year warranty on glass against stress cracks and seal failure.
- 3 year warranty on hardware.

\*Actual performance varies by window configuration and glass package.



## Casement Performance

Glass	Overall IG Thickness	Air Infiltration	Total Product U-Factor	Total Product SHGC	Condensation Resistance
Double Pane Low-E Argon	7/8"	0.02 cfm	0.27	0.28	60
Triple Pane Low-E Argon - Foam Fill	15/16"	0.02 cfm	0.20	0.24	67





# Awning

The Energex Elite awning windows are a very versatile window and allow for ventilation and fresh air, even when it is raining! These windows can be used as standalone units or combine them with the Energex Elite picture windows for additional configurations.



## Bay and Bow Windows

**With our wide array of options and styles, these bay and bow windows are sure to beautify your home! They will also expand your living area and allow more of the sun's natural light into your room.**

- 1 1/4" Vinyl veneer Birch head and seat boards
- 1/4" threaded steel rod between struts tie head and seat board together for added strength
- Custom sizes to fit most openings
- User-Friendly installation
- Built with Double Hung, Picture, or Casement windows
- Bow windows available in 3, 4, or 5 lite configurations



# Super Spacer... For So Many Reasons.



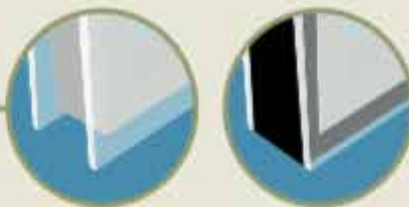
The all-foam formula of Super Spacer® blocks the heat escape path and provides one of the best thermal performances in the industry.

Condensation can lead to more than bacteria and molds. It can increase the likelihood of fungi, viruses and mites that cause respiratory infections, allergies and asthma.



With improved sound absorption over traditional metal spacers, NO-Metal Super Spacer is a huge help in keeping the decibels down.

Our dual seal system helps Super Spacer insulating glass units last up to nine times longer\* in durability tests than single-seal units.



Our all-foam formula offsets the effects of temperature changes, barometric pressure, wind load and glazing pressure. The end result is less seal failure and fewer stress cracks.

Super Spacer units withstand the 140°F/60°C temperatures, 95 - 100% humidity and constant UV bombardment in the world's toughest durability test - The P-1 chamber.



For the most energy efficient and durable windows that give you the added benefits of improved sound absorption and less chance of condensation, ask your window dealer for windows made with Super Spacer® all-foam insulating glass spacer.

Super Spacer®  
[www.superspacer.com](http://www.superspacer.com)