



STARMARK EVO



THE EVOLUTION OF WINDOWS

For over 20 years, our engineers have been applying a homeowner-focused design process for all of our products. Our goal is to manufacture windows that meet the expectations and unique needs of all our customers. Starmark Evo (7500), our newest window, is beautifully crafted with advanced polymeric composite (APC) that was created for the specific needs of the window industry. Starmark Evo has elevated the industry standards with superior performance and a durability guarantee that will ensure a lifetime of comfort for your family.

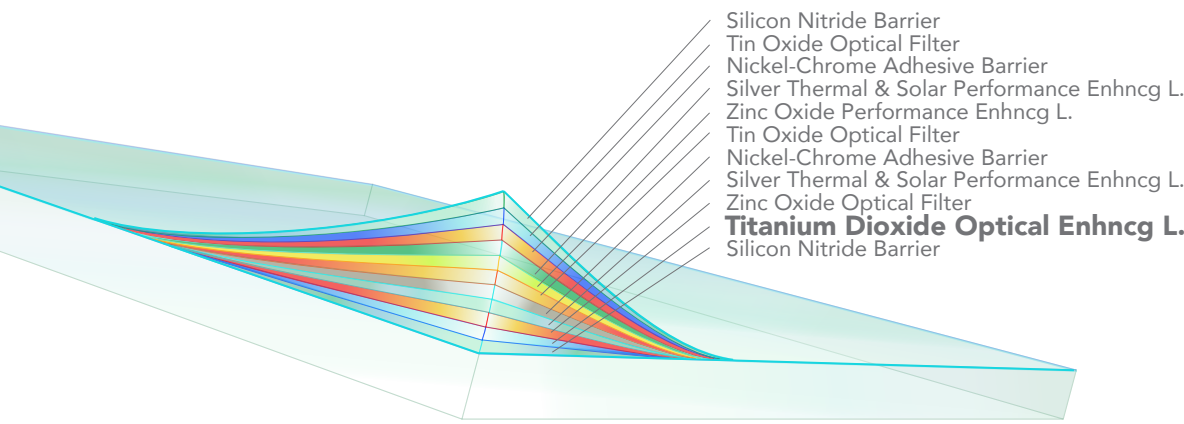
A Window Built for You

While designing this window, our engineers kept you, the customer, in mind. Starmark Evo gives you the beauty of a wood window, the energy efficiency of composite, and durability that is unmatched by any other material. Our material will not rot, does not need to be painted, and will not bend or warp. Starmark Evo windows are structurally sound, recyclable, and safe to manufacture. With our custom-to-size manufacturing, a wide range of paint and laminate options, and wood window-like profile, you will never be disappointed.

Why is our window better than those manufactured by other companies? First, the amazing material, APC, allows us to make solid sashes and frames which do not require additional insulation. The windows have rigid, extruded interlocks at the meeting rail that provide a tighter seal to minimize drafts. They also include beautiful, ergonomically designed hardware with modern finishes. We offer multiple glass options that will satisfy any homeowner.

High Performance Reflective Glass

The glass unit is one of the most important elements of your new window. Your decision will dramatically affect your living comfort and expenses for many years. HeatSeal® heat reflective coatings are microscopically thin layers of metal & metal oxide that act like a filter – some energy is transmitted, some energy is reflected.



Window Types



Double Hung

A window unit that has two operable sashes, both of which move vertically within its frame.



Slider

A window unit that opens and closes horizontally, in either 2-Lite or 3-Lite configuration.



Picture

A constant state, non-opening window frame.



Casement

A window that is attached to the frame by side hinges and opens outward for ventilation to the left or right.



Bay & Bow

A configuration of three or more windows joined together in an arc formation that projects from the wall of the building.

Beauty

We designed Starmark Evo to help make your dream home a reality. Our windows have the clean, sleek, matte finish of traditional wood windows. We offer a variety of internal laminates, endless exterior colors, unique hardware options, and custom configurations and shapes to fulfill your vision. Starmark Evo windows give you a wide range of options to customize your window to match the beauty of your home. From the size of your window, to the interior and exterior color, down to the smallest detail of hardware, you can customize our product to be the perfect fit every time. Starmark Evo windows will be the star of any decor choice.

Return on Investment

Due to our high quality craftsmanship and attention to detail, our products have one of the best energy efficiency numbers available on the market. Starmark Evo offers you a product that has **0.3 or less in Air Leakage** and as low as **0.13 U-Factor**. With our airtight seal, you will be able to enjoy the environment surrounding your home without having to pay for it in your heating and cooling bills.

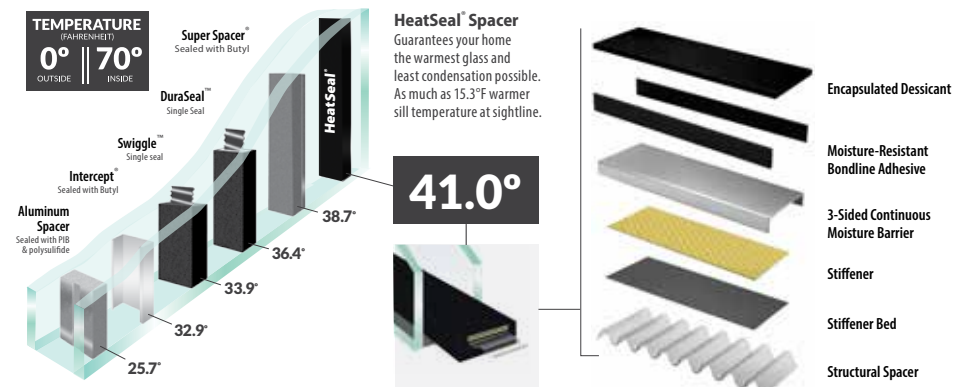


THE EVOLUTION OF WINDOWS

Save Your Home with HeatSeal®

The spacer is the material that is located between panels of glass in an insulating glass system. Its main function is to seal the gas space between them. The majority of windows, unlike Starmark Evo Windows, are made with metal spacers. The main disadvantage to metal spacers is energy loss and condensation.

Our HeatSeal® Spacer and sealant system is made with six individual non-metallic components. Produced in a controlled factory setting and ready to use, no assembly is required before getting applied to the glass surfaces. With our state-of-the-art robotic assembly lines, heat and compression are used to bond panes and spacer.



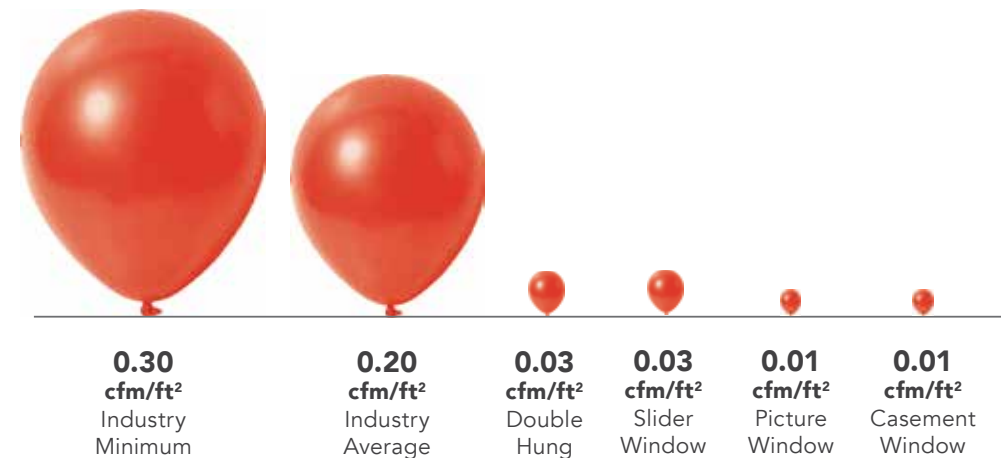
HeatSeal® spacers insulate the edge of the glass better than solid foam or metal spacers. Better insulating spacers improve the temperature of the glass, and warmer glass makes your home feel more comfortable while using less energy and producing less carbon dioxide pollution. Our spacers improve the total U-Value for your windows, which reduces heat loss and saves money on energy bills. HeatSeal® spacers can save the environment from 1,200 to 1,600 lbs of CO₂ per year for a typical home.

Super Spacer® is a registered trademark of Edgetech I.G., Inc. Intercept® is a registered trademark of PPG Industries, Inc. DuraSeal is a registered trademark of TruSeal Technologies, Inc. Swiggle is a registered trademark of TruSeal Technologies, Inc. Simulation performed by Enermodal engineering, Ltd. using Window 5.2. All air spaces are 0.562" wide 0.033 emittance low-E glass.

Lowering Air Infiltration

Air Infiltration/drafts is a term used to describe the amount of air leaking into or out of your home through the window frames. Lower infiltration means greatly reduced drafts and can lower heating & cooling costs. The graph shows the amount of air in cubic feet that may come through the window at speeds of 25mph.

*The results are based on a tested window sample by AAMA testing window guidelines.
Title of Test & Method: Air Infiltration - ASTM E 283 75 PA - (1.6 psf) 25 mph.*



Combatting Condensation

Excess condensation will cause water, ice, and mold to collect on your windows. A good quality spacer can significantly reduce the risk of condensation and its aftermath. Our HeatSeal® Spacer guarantees your home the warmest glass and least condensation possible.



Metal Spacer



Warm Edge Spacer

DOUBLE HUNG. DONE BETTER.



Starmark Evo, our premiere product, provides you with unmatched performance and quality. You are receiving some of the best thermal performance benefits in the industry. We have combined a multitude of principal features to build our windows. Some of the special features that you will find on your Double Hung window include bulb gaskets on the top sash, bottom sash, and meeting rail, sill and sash interlock (dual dam leg) on window sill, and V-Fin gaskets on the sides to make the window seal tight.

Solid, Fully Welded Sashes and Frame

Fully welded construction to ensure long-lasting performance.

Appearance of Wood with Butt Joint

Structural integrity with a classic look to fit any style.

Seven-Point Gasket Seal

Minimizes air leakage.

No Insects, No Warping, No Decay

Longevity for years to come.

Rigid Interlocks

Minimizes deflection.

Better Screw Retention than Vinyl

Unbeatable strength and stability.

Sloped Sill with Sash Interlock (Dual Dam Leg)

One-piece solid sloped sill improves drainage and eliminates need for weep holes that tend to clog and freeze.

Double Hung

Double-Hung in
Onyx Black with
Antique Brass Hardware

Open with Confidence

We constructed the Starmark Evo Window to authentically represent a traditional wood window. The smallest details, such as the rounded beveled edges of the glazing bead, give a nod to the classic traditional look. No foam filling and no hollow frame. This solid frame structure has impeccable durability and energy efficiency.

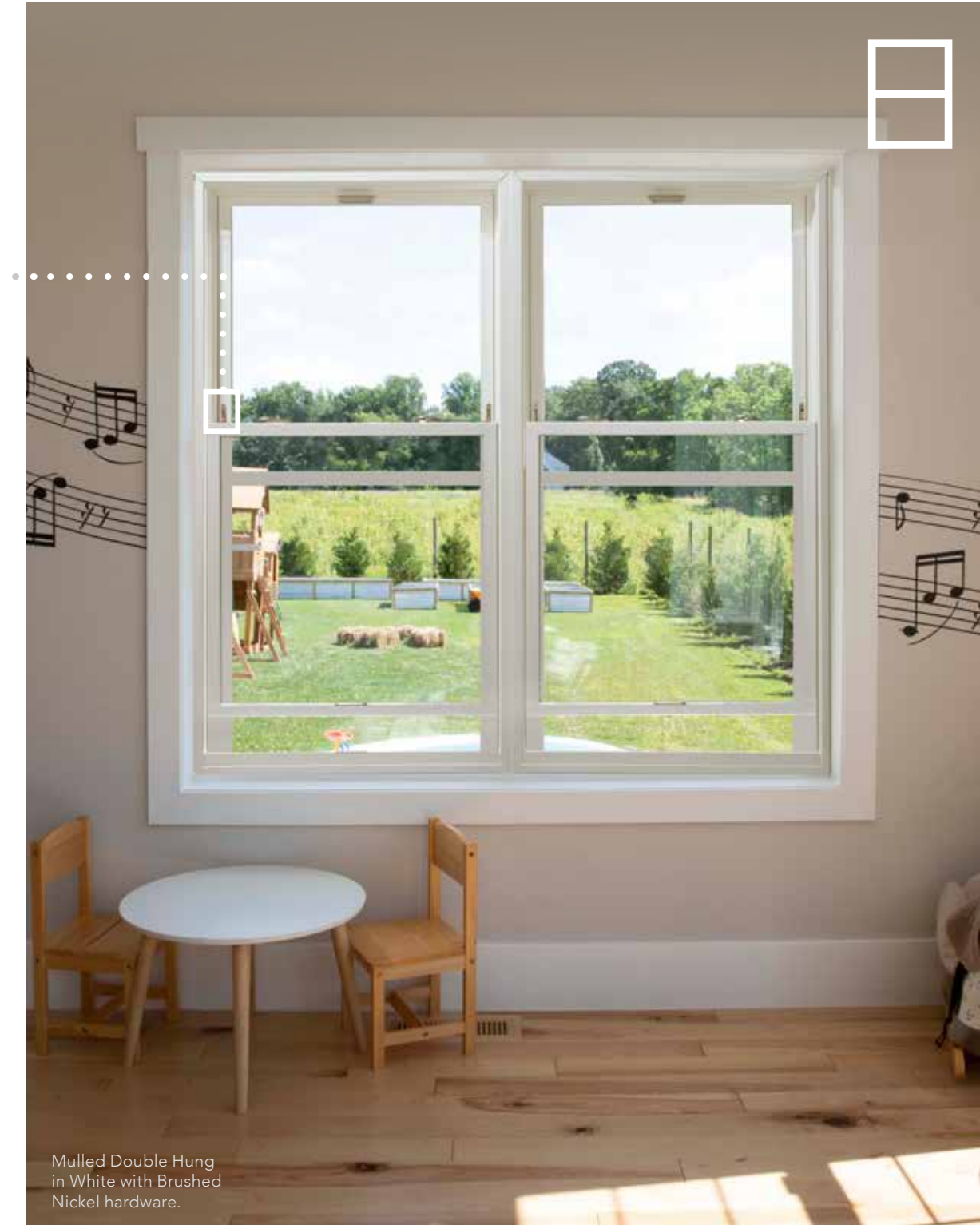
WOCD Device

Seen in the image to the right, the optional Window Opening Control Device (WOCD) helps to limit the window opening. Now in Brushed Nickel, Antique Brass, White, and Black Finishes.



Sleek, Modern Joint Look

The Starmark Evo butt-joint weld strengthens the joint while creating the beautiful aesthetic of a true wood window.



Mulled Double Hung
in White with Brushed
Nickel hardware.

Slider



Slider in White with
White Hardware

Let The Sunshine In

Starmark Evo Sliders are clean lined, functional, and can be used to open up a panoramic viewing area in any room. They also provide a graceful sense of spaciousness to any interior. With their sleek hardware and contemporary feel, Starmark Evo Sliders are perfect for spaces that incorporate modern designs. With a wide range of glass options and internal grid patterns, there are countless ways to incorporate their smooth functionality into your home.

EZ Glide System

Enjoy the ease of opening Starmark Evo Sliders! Our EZ Glide Track System contains an anodized aluminum track and precision ball bearing wheels to provide a smoother glide and easier operation. The image below showcases how the EZ Glide System operates on your Slider.



Casement & Awning



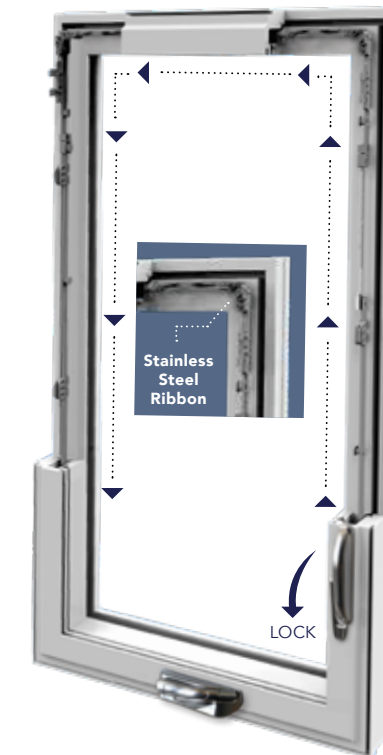
Custom Casement
in White with Standard
White Hardware

Open with Ease

Starmark Evo Casement Windows offer a whole new level of beauty in a window that is also incredibly functional. The superior design makes it ideal not only for single window units but also for creating multiple assemblies like Bows, Bays, and Pictures, as well as your own original combinations.

The Casement opens to a full 90 degrees for maximum ventilation and easy cleaning from inside the home. Folding crank handles, standard on all Casement windows, minimize interference with blinds and other window treatments. A beveled screen frame offers the appearance of wood molding for added beauty.

(Available on Casements and Awnings.)



Corner Drive & Multipoint Locking System

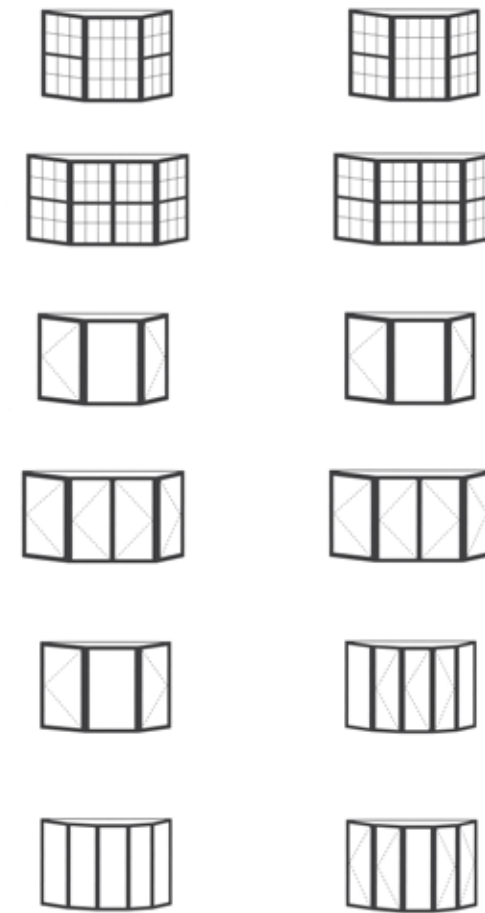
Unlike other casement products, Starmark Evo Casement and Awning Windows come with an innovative Corner Drive & Multipoint Locking System strategically placed around the entire window. Locking the window by pushing the handle downward pushes the pin rails upward and advances the frame pins to engage with the sash strikers, creating a tighter close and seal. By having consistent locking at the top corners of the windows, we are decreasing air infiltration and ensuring structural stability in the weakest area of a typical casement window.



Bay & Bow



Bay Window
in White



We offer Bay and Bow windows in many custom configurations containing Casement, Picture, and Double Hung windows. Each window has two-inch insulated head and seat boards with furniture-grade veneers and standard 1^{1/4}" jambs to improve structural and thermal performance.

An Oak upgrade is available at an extra fee. The silicone free interior and exterior guarantee a clean and elegant finish.



Options

Color Options

Starmark Evo offers four beautiful internal laminates* in addition to our standard White to give your home a distinct look. We also offer six optional exterior stock colors and custom exterior colors from a virtually unlimited selection of paints. Our paints are environmentally safe and durable, giving your window a vibrant and long-lasting color finish.

NEW

**ONYX
BLACK**

Euro-White exterior and Matte Bronze hardware come standard. Shown at right with optional Antique Brass hardware.



All colors besides White are optional at an additional charge. Printed colors may not match the product's actual color. Please visit a local dealer to view actual color samples. All painted Double Hung and Sliders must have full screens.
* Select areas of our product are not laminated to ensure proper operation.
** Surcharge applied for painted screens.

Interior Colors

Winchester *(Optional)*

Melrose Cherry *(Optional)*

Dark Oak *(Optional)*

Onyx Black *(Optional)*

White *(Standard)*

Exterior Colors

Almond

Sandstone**

Terra Brown**

Cocoa

Basic Brown**

Bronze

Nicol's Black**

Custom Colors

Double Hung & Slider Hardware Options

Now that you have decided on the style and color of your window, it is time to think about the accessories! What is your preference? Are you looking for a modern sleek appearance, classic and timeless, vintage, or something in between? No matter the style, we have a hardware finish for you. For example, change things up with a White window by adding Matte Bronze hardware to get a more modern feel.

Our beautiful, oversized lock and keepers bring an elegance to the window that you will not see anywhere else. Starmark Evo White windows come standard with White hardware. All laminated windows will come standard with our Matte Bronze hardware. These options can be upgraded with the other hardware finishes at an extra fee.

Actual Size | Antique Brass
(Optional)



White
(Standard)



Brushed Nickel
(Optional)



Matte Bronze
(Standard on All Laminates)



Casement & Awning Hardware Options

Actual Size | Antique Brass
(Optional)



Starmark Evo Casement windows come standard with a folding crank handle. Not only do they minimize the interference with blinds and other window treatments, but they also add that extra wow factor to complete your window order! Starmark Evo White windows come standard with White hardware. All laminated windows will come standard with our Matte Bronze hardware. These options can be upgraded with the other hardware finishes for an extra fee.



Brushed Nickel
(Optional)

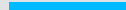


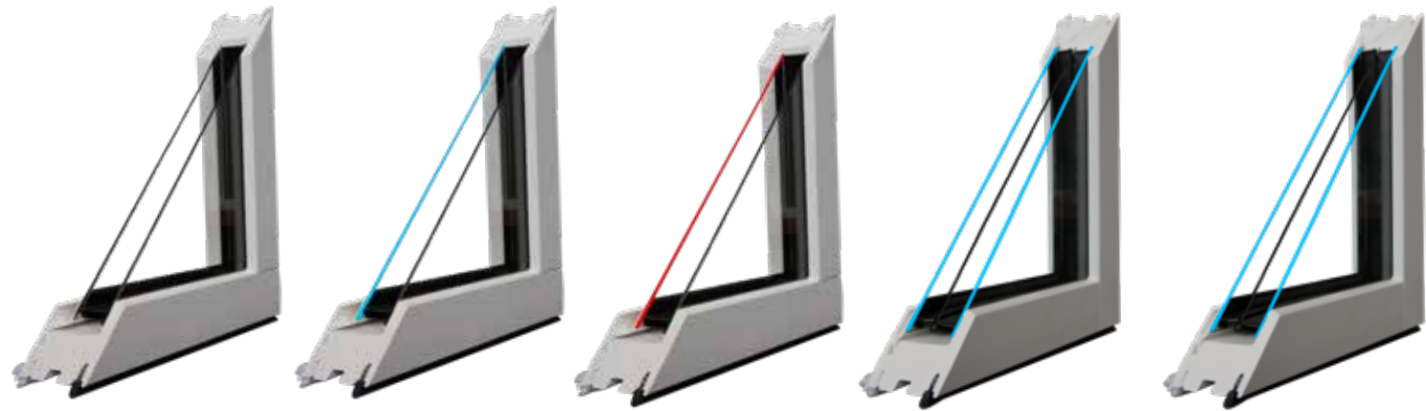
White
(Standard)



Matte Bronze
(Standard on All Laminates)

Glass Options

					
Clear Glass		HeatSeal® Coated Glass		SunSeal® Coated Glass	
(AR)	(KR)	(DP)	(TP)		
Argon Gas	Krypton Gas	Double Pane	Triple Pane		



Clear Glass (DP) HeatSeal® (DP) (AR) SunSeal® (DP) (AR) HeatSeal® Super Glass (TP) (AR) HeatSeal® Super Glass (TP) (KR)

When deciding on what glass package to choose, keep your environment in mind. Do you live in an area that it is mainly sunny and warm or one that has cold and warm weather? No matter the answer, we have a glass coating available to fit your needs. Our HeatSeal® glass is perfect for areas that tend to have fluctuating temperatures in the seasons. It helps to keep the warm air in during the winter and protect your home from the heat of the sun in the summer. For those who deal with warmer climates throughout the year, our SunSeal® glass will help block the heat from sunlight to keep your house cooler.

	Clear Glass (DP)	HeatSeal® (DP) (AR)	SunSeal® (DP) (AR)	HeatSeal® Super Glass (TP) (AR)	HeatSeal® Super Glass (TP) (KR)
U-Factor <i>Measures the rate of heat transfer and tells you how well a window insulates.</i>	★	★★★★	★★★★	★★★★★	★★★★★★
Solar Heat Gain Coefficient <i>How well a window blocks heat from the sun.</i>	★	★★★★	★★★★★★	★★★★★	★★★★★
Visible Light Transmittance <i>The amount of visible light that comes through a window.</i>	★★★★★★	★★★★★★	★★★★	★★★★	★★★★
UV Protection <i>How well a window protects against ultraviolet rays.</i>	★	★★★★	★★★★	★★★★★	★★★★★★

Grid Options

Grids Between Glass (GBG) consist of aluminum bars sealed in the insulating airspace between the two panes of glass. Because the interior and exterior glass surfaces are not affected, cleaning your windows is an easier task. GBG grids on two-tone windows are available with matching interior and exterior colors. Custom colors are not available on GBG.

Simulated Divided Light (SDL) permanent interior and exterior grids will provide a truly authentic divided light look. Interior grids are available in a White or Wood Laminate. External grids are available in White or colors to match the product’s exterior.



Specialty Glass Options

Starmark Evo offers specialty glass in a variety of distinctive choices that add visual interest to any design while offering variability in light control. With a range of options at your fingertips, you can find the glass choice for your application and aesthetic, from traditional to modern. Here are available glass options:



Obscure Glass
Approx. 6 Inches From Object

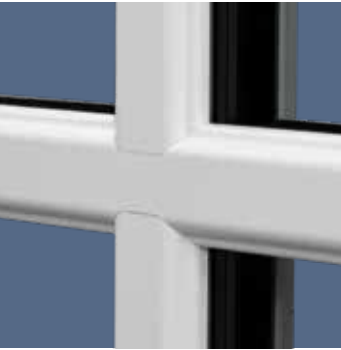


Obscure Glass
Approx. 6 Feet From Object

- Textured** For increased privacy.
- Tempered** For increased strength.
- Laminated** For increased impact resistance and noise reduction.
- Custom Configuration** For more aesthetic choices.



SDL Victorian Grid
Optional (Exterior only)
(Double Pane Only)



SDL Grid
Optional (Interior and Exterior)

New! Victorian Grids
Victorian Grids are available only on the exterior of the windows. These grids will provide an authentic look, similar to that of a traditional or vintage window. External grids are available in White or colors to match products exterior.

Dare To Compare

After presenting our superior window to you, we created this table to show the differences between the various types of windows. We also provided you with photographs of window sills to give you a better understanding of how the material used to build the window determines its construction, and in consequence product quality.

	Starmark Evo (7500)	Average Vinyl	Average Wood	Average Aluminum	Average Fiberglass
Never Rots (Lifetime)	★	★		★	★
Will Not Split or Crack	★			★	★
Mold, Termite, and Insect Resistant	★	★		★	★
Solid Material (Not Hollow)	★		★		
Weather, Salt Water/Air Resistant	★	★			★
No Rusting or Pitting	★	★	★		★
Low Maintenance (Just Clean Only)	★	★			★
Air Leakage Less than 0.1	★				
Paintable	★	★	★	★	★
Does Not Need Painting	★	★			
Wood Window-Like Profile	★		★		
Does Not Absorb Water	★	★		★	★
Structural Rigidity	★		★	★	★
Durable	★	★	★	★	★
Recyclable and Safe to Manufacture	★	★		★	
Maximum Glass Area	★	Varies	Varies	Varies	Varies
No Mechanical or Glued Joints	★	★			

WARRANTY PROTECTED



Starmark Evo windows are backed by the **Lifetime Transferable Limited Warranty**. Please ask your certified dealer for details on coverage.

Industry Ratings

When you purchase a window or patio door that is advertised as the most energy efficient, you want to be sure the claims are based on facts, certified by a truly independent and objective authority. Their unbiased test results educate purchasers, allowing them to make a smarter choice.



The ENERGY STAR Most Efficient designation is an extension of the ENERGY STAR® brand and is designed to recognize and advance the most efficient products among those that qualify for the ENERGY STAR®. This recognition is offered for specific categories and awarded for a specific year. The goal of this effort is to encourage new, more energy-efficient products into the market more quickly by targeting early adopters. Each year, EPA will establish criteria for specific product categories to earn Most Efficient recognition. Products that are recognized as ENERGY STAR® Most Efficient must already qualify for the ENERGY STAR® label. **Starmark Evo proudly displays ENERGY STAR® Most Efficient on our products.**

All OKNA windows and doors meet fenestration standards. Certification is performed by **The Keystone Certification Program** that is ANSI-accredited to ensure that our products are manufactured as represented by their certifications, which are based on tests performed by accredited laboratories in accordance with the AAMA/WDMA/CSA 101/IS2/A440 – **North American Fenestration Standard (NAFS)**. Look for the **Starmark Evo Window’s Gold Keystone Certification Label**. The NAFS standard defines a rating scale for fenestration product performance, and requires that components used in window & door assemblies also meet stringent component standards. Certification includes annual inspections to ensure the factory quality management system also meets rigid standards - that translates to homeowner peace of mind.

Thermal Performance	Industry Minimum	S Double Hung DH7500		S Slider SL7520		S Picture PW7510		S Casement CA7560	
		Test Window Size: 44" x 63"		Test Window Size: 63" x 44"		Test Window Size: 36" x 64"		Test Window Size: 36" x 64"	
		All Glass Packages	Double Glazed	Triple Glazed	Double Glazed	Triple Glazed	Double Glazed	Triple Glazed	Double Glazed
AAMA Rating Residential Grade Performance for air/water/structural.	R15	R55	R55	R60	R60	R70	R70	R80	R80
Structural Integrity Design Pressure (DP) Wind load the window can withstand before breaking	DP 15 (94 mph)	DP 70 (203 mph)	DP 75 (210 mph)	DP 70 (203 mph)	DP 80 (217 mph)	DP 85 (182 mph)	DP 100 (198 mph)	DP 80 (217 mph)	DP 80 (217 mph)
Air Infiltration (cfm/ft²) at speed of 25mph	0.30	0.03	0.03	0.03	0.03	0.01	0.01	0.01	0.01
Water Penetration (mph) 8" per hour	33	56	56	59	59	65	65	69	69
Please use the QR codes or text links to access the most up-to-date thermal performance numbers. **Numbers are subject to change depending on size of window.									

All result numbers are based on tested window samples by NFRC testing window guidelines. Use for comparison purposes only. Actual values may vary depending on installation, size of the window, and other conditions. All illustrations, photographs, and specifications in this publication are based on the latest product information available at the time of printing. Some windows shown with optional features. See the actual product for complete accuracy. The manufacturer reserves the right to alter or discontinue any model or specification without notice.

