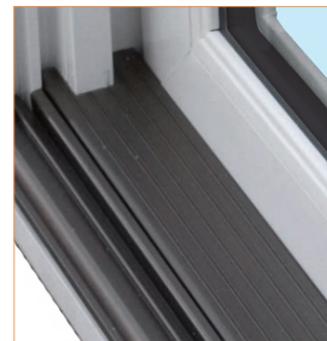


# PATIO DOOR

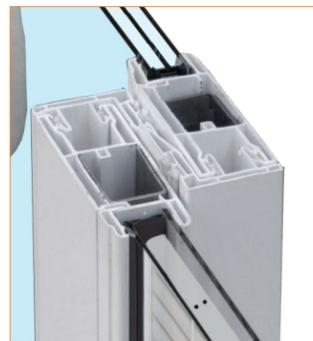
C O L L E C T I O N

*By OKNA Windows*

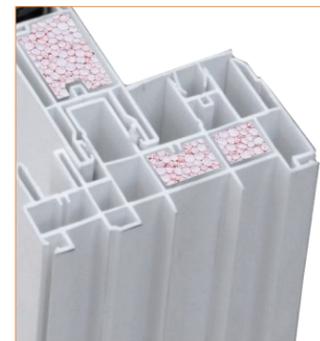
# Elegante



Anodized aluminum screen track, roller track, and threshold for increased strength, durability, and longevity along with an elegant appearance.



Interlocking meeting rail system with quadruple weather-stripping for controlling infiltration of air, water, dust, and noise. Full length heavy gauge reinforcements in meeting rails and pull rail provide great rigidity and strength.



Thermally welded multi-chambered 5-5/8" main frame provides superior strength and thermal insulation. Optional foam filled insulated extrusions provide better thermal efficiency.



Operating sash is equipped with adjustable, precision bearing tandem rollers for a smooth and quiet operation. Coastal hardware available for coastal regions.

## Multi Point Locking System

OKNA Patio Doors come with the option of upgrading to a Multi Point Locking System. This system offers four locking points on the patio door for added security. The Multi Point Locking System is used with locking exterior hardware only.

## Optional Retractable Mini-Blinds

Our retractable Mini-Blinds installed between the glass allow homeowners to control privacy and sunlight by raising, lowering, and adjusting tilting. Available on Elegante and Forester Patio Doors.

*Mini-Blinds are only available on 5' and 6' patio doors.*



The Elegante Patio Doors are an ideal solution for adding light to any room while making the most of limited space. Available in replacement and new construction applications, this elegant design combines the security of structural integrity and the comfort of energy efficiency. A host of options increase the versatility of this product. Elegante Patio Doors are available in Euro-White, Almond, and our beautiful wood laminates.

# Forester



The perfect blend of beauty and functionality. Our 8200 Series Forester Patio Door combines all of our incredible structural and thermal performance features while maintaining the traditional look of a true wood door. This door is built using a butt-joint weld, showcasing traditional joinery with the benefits of advanced fusion welding. Forester Patio Doors are available in Euro-White, Almond, and our beautiful wood laminates.



## Interior Hardware

Our standard Merit Locking System is a classic patio door handle that will match any home decor. The ergonomic ONE-MOTION operation allows the homeowner to unlock and open the door in a single fluid motion.



**Merit Handle**  
**Matte Bronze**  
*(Optional)*



**Intuition Handle**  
**Antique Brass**  
*(Optional)*

## Exterior Hardware

We offer two options for exterior hardware on your patio door, locking and non-locking. Our exterior hardware is available in Euro-White, Almond, Cocoa, and Matte Bronze. If you have a custom exterior color on your patio door, we will pick one of the hardware options to best match the color.

*All options available on both the Elegante and Forester Patio Door.*



**Locking Exterior Handle**  
**Euro-White**



**Non-Locking Exterior Handle**  
**Euro-White**

**Euro-White**  
*(Standard)*

**Almond**  
*(Optional)*

**Cocoa**  
*(Optional)*

**Antique Brass**  
**Interior ONLY**  
*(Optional)*

**Brushed Nickel**  
**Interior ONLY**  
*(Optional)*

**Matte Bronze**  
*(Optional)*

# Elegante and Forester Options

Okna Windows offers four beautiful internal laminates in addition to the standard Euro-White and optional Almond to give your home a distinct look and enhance its curb appeal. You can also special order custom exterior colors from a virtually unlimited selection of paints. Our paints are environmentally safe and durable, giving your exterior a vibrant and long-lasting color finish.

## Solid Color Doors

*(Same Interior and Exterior Color)*



## Interior Woodgrain Laminates

All of our beautiful woodgrain laminates are available on solid Euro-White doors. Winchester, Dark Oak, and Melrose Cherry are also available on solid Almond doors.



## Exterior Colors

*\* Surcharge applied for painted screens.*



*Printed colors may not match the product's actual color. Please visit a local dealer to view actual color samples.*

## Screens

ThruVision Plus® is our fiberglass improved visibility screen. This product does for patio doors what high-definition technology has done for television viewing: it improves the view by making it sharper and more vivid.



**Industry Average Screen**



**ThruVision PLUS®**  
*Standard on all OKNA Products*



## Pet-Resistant Screen

"Pet Screen" is seven times stronger than traditional insect screening and offers excellent outward visibility. Ideal also for high traffic areas.

## Grids

GBG (Grids Between Glass) 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 patio door is a much easier task. GBG grids on two tone patio doors are available with matching interior and exterior colors.\*

*\*Nicol's Black available on Euro-White two-tone 11/16 inch Contour Grid ONLY.*

Custom Colors are not available on GBG.



## Simulated Divided Lites (SDL)

Permanent interior and exterior grids will provide a truly authentic look. Interior grids are available in a Euro-White or Wood Laminate. External grids are available in Euro-White or colors to match products exterior.

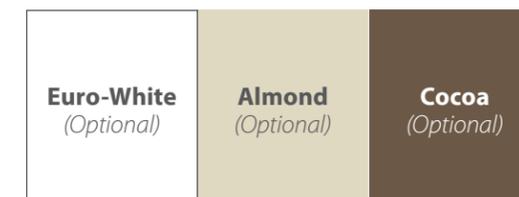
*SDL Grids are not available on triple pane glass units.*



## Optional Foot Lock

Push Button Spring-Loaded Foot Lock is easy to lock and can be set to allow ventilation while having extra security. The optional foot lock is available in 3 colors: Euro-White, Almond, and Cocoa.

Available on both Elegante and Forester Patio Doors.



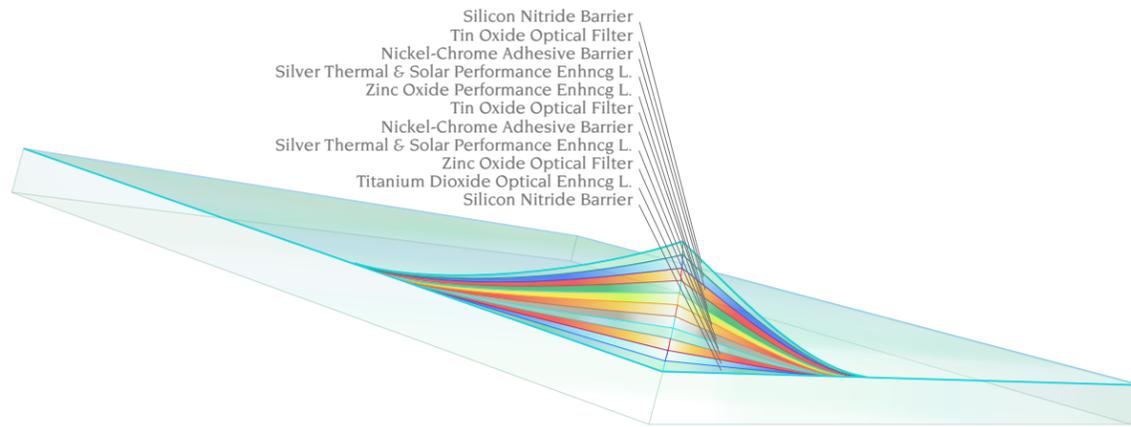
**Optional Foot Lock**  
*(Cocoa)*

# The Glass Unit

The glass unit is one of the most important elements of your new patio door. It is about 90% of the whole patio door. Your decision will dramatically affect your living comfort and expenses for many years.

## High Performance Reflective Glass Coatings

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.

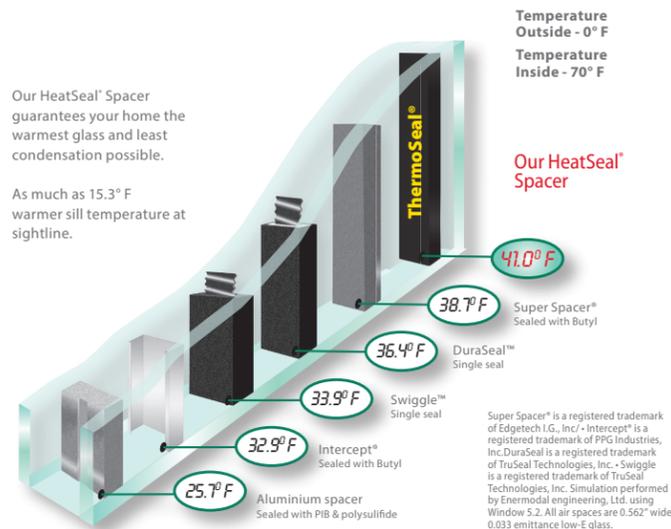


## High Performance HeatSeal® Spacer

The glass panes are separated by a “spacer”. A spacer is the piece that is located between panels of glass in an insulating glass system. Its main function is to seal the gas space between them. Majority of patio doors, unlike OKNA doors, 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 comes ready to use, out of the box: no assembly and no adding other components. Used in OKNA's state-of-the-art robotic assembly line, our spacer is applied with a one-step process where units are sealed using heat and compression. Our HeatSeal® Spacer guarantees your home the warmest glass and least condensation possible.

Examples of Condensation:  
A good quality spacer can significantly reduce condensation in comfortable humidity levels. Water and ice forming can lead to mold growth.

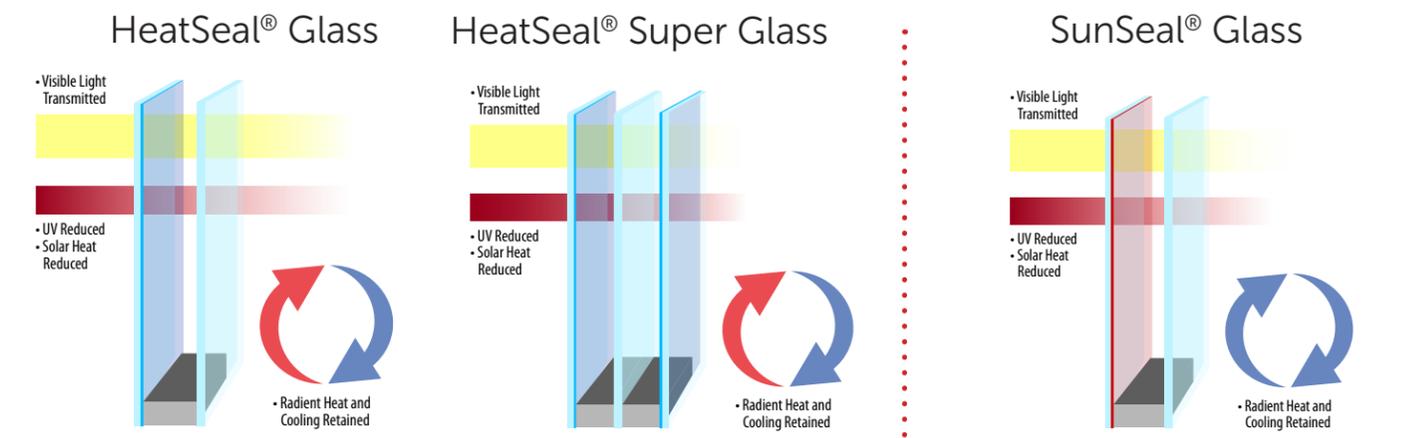


# Glass Options

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 what the answer is, 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.



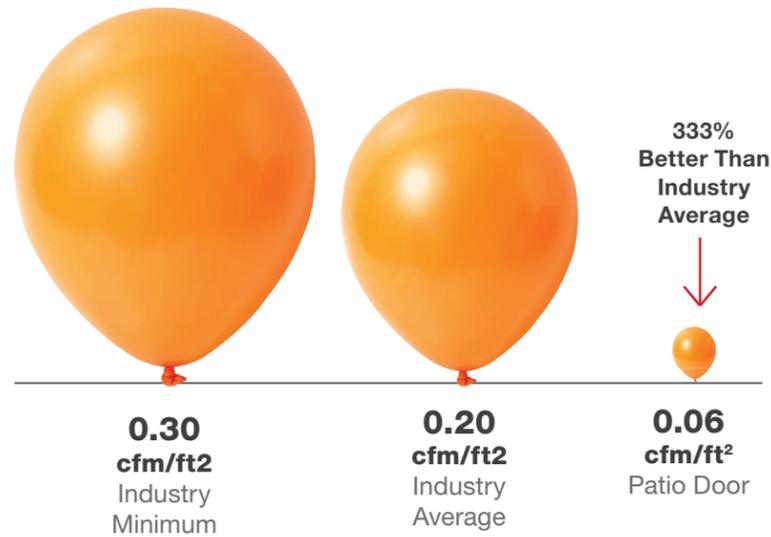
	Clear (Argon Gas)	HeatSeal® (Argon Gas)	SunSeal® (Argon Gas)	HeatSeal® Super Glass (Argon Gas)	HeatSeal® Super Glass (Krypton Blend)
<b>U-Factor</b> Measures the rate of heat transfer and tells you how well a window insulates.	✓	✓✓✓	✓✓✓	✓✓✓✓	✓✓✓✓✓
<b>Solar Heat Gain Coefficient</b> How well a window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



In climates where heating and cooling are the primary concern, HeatSeal® Glass products are designed to take advantage of free solar heat, resulting in higher inside glass temperature. Passive solar and thermal insulation reduce the draft sensation caused by cold glass surfaces, providing patio doors that reduce heating costs.

In climates where cooling is your main concern, SunSeal® Glass products are designed to reduce solar heat while still providing color-neutrality. This solar control property, combined with thermal insulating benefits, results in beautiful, natural-looking glass that helps keep air conditioning costs low.

When you purchase a 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 more educated choice.



## Air Infiltration

Air Infiltration/drafts is a term used to describe the air leaking into or out of your home through the patio door frame. The graph shows the amount of air in cubic feet that may come through the patio door at speeds of 25mph.

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



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.

OKNA Windows proudly displays ENERGY STAR Most Efficient on our products.



All OKNA windows and doors meet rigorous North American Fenestration Standard (NAFS). 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). 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.



Look for the OKNA Patio Door's Gold Keystone Certification Label



OKNA Patio Doors are backed by the Lifetime Transferable Limited Warranty. Please ask your certified dealer for details on coverage.

## DELUXE ENERGY SAVING PACKAGE with ARGON Gas

- Heat Seal® Glass System
- Double Pane Glass Unit - ARGON Gas
- Foam Filled Extrusions

ENERGY PERFORMANCE RATINGS	
U-Factor (U.S./I-P)	Solar Heat Gain Coefficient
<b>0.26</b>	<b>0.27</b>
ADDITIONAL PERFORMANCE RATINGS	
Visible Transmittance	Air Leakage (U.S./I-P)
<b>0.49</b>	<b>≤ 0.3</b>

ENERGY STAR® Certified in All 50 States

## SUPER DELUXE ENERGY SAVING PACKAGE with KRYPTON Gas

- Heat Seal® Super Glass System
- Triple Pane Glass Unit - KRYPTON Gas
- Foam Filled Extrusions

ENERGY PERFORMANCE RATINGS	
U-Factor (U.S./I-P)	Solar Heat Gain Coefficient
<b>0.16</b>	<b>0.23</b>
ADDITIONAL PERFORMANCE RATINGS	
Visible Transmittance	Air Leakage (U.S./I-P)
<b>0.38</b>	<b>≤ 0.3</b>

ENERGY STAR® Certified in All 50 States

## SUNSEAL® DELUXE with ARGON Gas

- SunSeal® Glass System
- Double Pane Glass Unit
- Foam Filled Extrusions

ENERGY PERFORMANCE RATINGS	
U-Factor (U.S./I-P)	Solar Heat Gain Coefficient
<b>0.26</b>	<b>0.19</b>
ADDITIONAL PERFORMANCE RATINGS	
Visible Transmittance	Air Leakage (U.S./I-P)
<b>0.38</b>	<b>≤ 0.3</b>

ENERGY STAR® Certified in All 50 States

### Elegante and Forester (PD 8800)

	U-Value	SHGC	VT	CR
<b>HeatSeal® Glass Package</b>				
Energy Saving Package - AG	0.27	0.27	0.49	62
Deluxe Package - AG	0.26	0.27	0.49	63
<b>SunSeal® Glass Package</b> <i>For Southern Climate</i>				
Energy Saving Package - AG	0.27	0.19	0.38	62
Deluxe Package - AG	0.26	0.19	0.38	63
<b>HeatSeal® Super Glass Package</b>				
Deluxe Package - AG (XR15)	0.19	0.23	0.38	72
Deluxe Package - KR (XR10)	0.16	0.23	0.38	72

### Structural Performance

	Industry Minimum	Elegante/Forester	Comparison To Industry Minimum
<b>NAFS Rating</b> <i>resistance to wind</i>	R15	<b>R 50</b>	
<b>Air Infiltration (CFM/FT<sup>2</sup>)</b> <i>at speeds of 25mph.</i>	0.30	<b>0.06</b>	<b>500%</b>
<b>Water Penetration (MPH)</b> <i>8" per hour</i>	33	<b>59</b>	<b>79%</b>
<b>Structural Integrity (MPH)</b> <i>Wind load</i>	94	<b>187</b>	<b>99%</b>

Numbers are subject to change depending on size of door.

All result numbers are based on tested window/door sample by NFRC and AAMA testing window/door guidelines. Use for comparison purposes only. Actual values may vary depending on installation, size of the window/door, 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/doors 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. Printed colors may not match the product's actual color. Please visit a local dealer to view actual color samples.



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