

Bay and Bow Windows

By Okna Windows



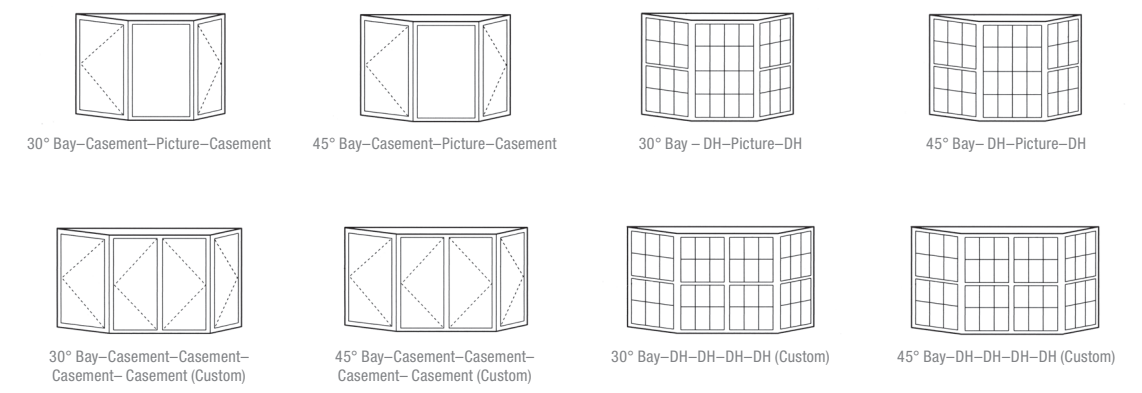
Bay Window

OKNA Bay Windows are one of the most popular ways to give your room more light and space without adding square footage. These windows lend charm and beauty to any room. They are ideal for creating eating nooks, bath surrounds, and mini greenhouses.

We offer Bay Windows in many custom configurations containing Casement, Picture, and Double Hung Windows. WOCD latches are available as an upgrade for Double Hung and Casement windows. WOCDs not available on laminated Double Hungs.



For the side units of your Bay Windows, you can choose from 2 different degree angles to achieve the look you desire. Once you've chosen the angle, we can build Bay Windows in an endless variety of sizes. Here are some of the configuration options available.





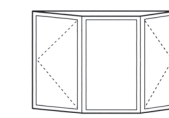
Bow Window

OKNA Bow Windows are comprised of all the characteristics of exceptional window design, meticulous attention to preservation of the traditional aesthetics, implementation of modern functionality, and unparalleled energy efficiency.

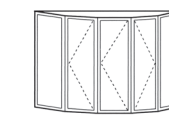
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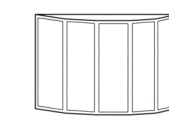
When it comes to Bow Windows, OKNA Windows really does have it all and it's because our Bows are made to order. For the side units of your Bow Windows, you can choose from 2 different degree angles to achieve the look you desire. Once you've chosen the angle, we can build Bow Windows in an endless variety of sizes.



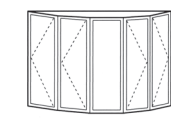
10° Bow-Casement-Picture-Casement (Custom)



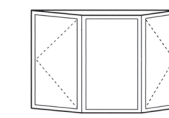
10° Bow-Picture-Casement-Casement-Picture



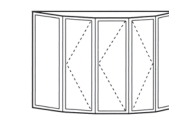
10° Bow-5 Pictures



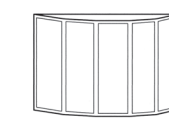
10° Bow-Casement-Casement-Picture-Casement



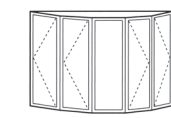
15° Bow-Casement-Picture-Casement (Custom)



15° Bow-Picture-Casement-Casement-Picture



15° Bow-5 Pictures



15° Bow-Casement-Casement-Picture-Casement

Now that you have decided on the style, it is time to think about the accessories and color of your window! 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. Euro-White windows come standard with White hardware. All laminated windows will come standard with our Adobe Gray hardware. These options can be upgraded with the other hardware finishes for an extra fee. 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! Euro-White windows come standard with Euro-White hardware. All laminated windows will come standard with our Adobe Gray hardware. These options can be upgraded with the other hardware finishes at an additional charge.

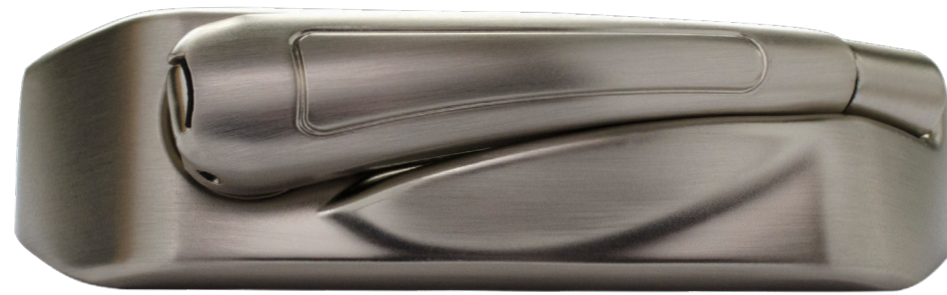
Double Hung Hardware

Euro-White (Standard)
 Almond (Standard on Solid Almond)
 Adobe Gray (Standard on all Laminates)
 Cocoa (Optional on all Laminates)
 Antique Brass (Optional)
 Brushed Nickel (Optional)
 Matte Bronze (Optional)



Casement Hardware

Euro-White (Standard)
 Almond (Standard on Solid Almond)
 Adobe Gray (Standard on all Laminates)
 Cocoa (Optional on All Laminates)
 Antique Brass (Optional)
 Brushed Nickel (Optional)
 Matte Bronze (Optional)



Solid Colors

Solid Almond not available in 800 series



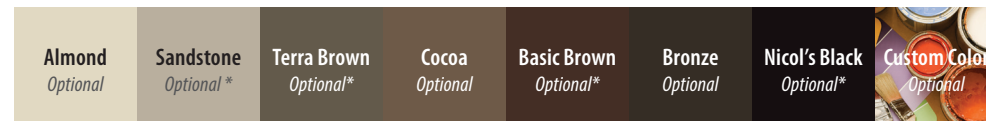
Interior Colors

Natural and Cognac available only for 800 and Casement series



Exterior Colors

Available on all Okna window series



* Surcharge applied for painted screen.

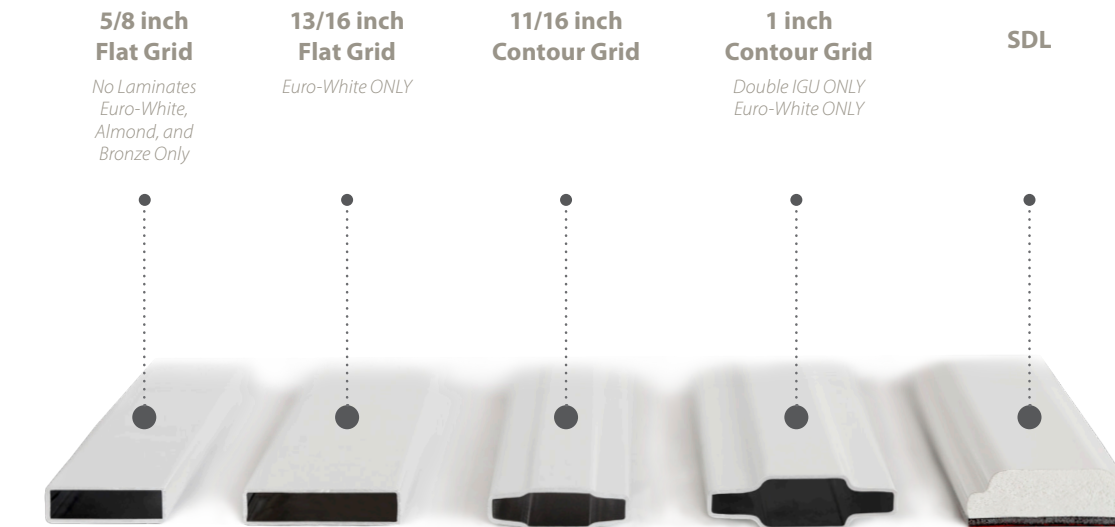
All colors except Euro-White are available at an additional charge. Printed colors may not match the product's color. Please visit a local dealer to view color samples.

Options

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 windows is a much easier task. GBG grids on two tone windows 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.



5/8 inch Flat Grid
 No Laminates
 Euro-White,
 Almond, and
 Bronze Only

13/16 inch Flat Grid
 Euro-White ONLY

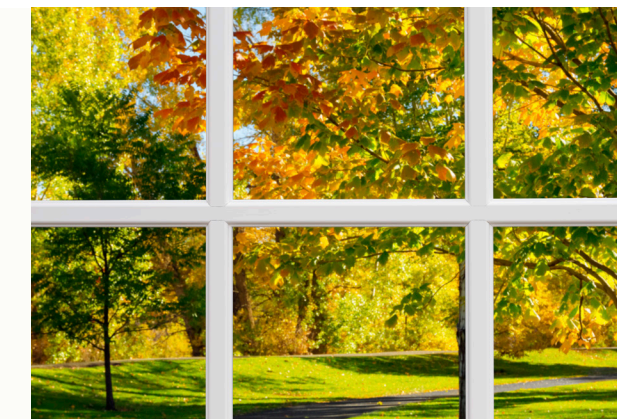
11/16 inch Contour Grid

1 inch Contour Grid
 Double IGU ONLY
 Euro-White ONLY

SDL

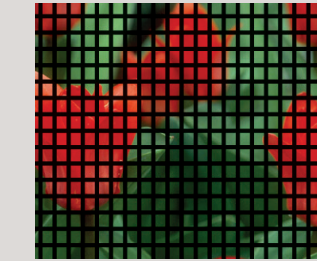
Simulated Divided Lites (SDL)

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.

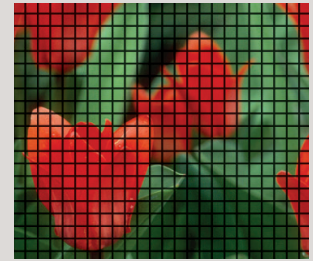


Screen

ThruVision Plus® is our fiberglass improved visibility screen. This product does for windows and 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 Screen

Specialty Glass

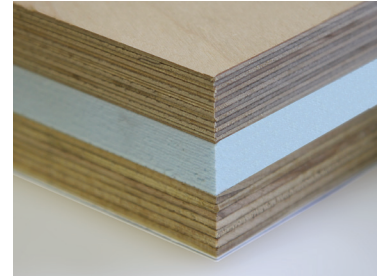
OKNA Windows offers specialty glass in a variety of distinctive choices that add visual interest to any design while offering variability in light control. Shown below are our Regular Obscure glass. Other available glass options are tempered, laminated, and custom configuration. With a range of options at your fingertips, you can find a standard glass texture for virtually every application and aesthetic, from traditional to modern.



Regular Obscure

Superior Construction

No other manufacturer has a greater commitment to quality than OKNA Windows. Our new, redesigned Bay and Bow Windows have incorporated the latest innovation in fenestration technology to provide a window that is energy efficient, functional, and much more beautiful.



Standard two inch Insulated Head and Seat Board with Furniture Grade Birch Veneer. (Oak finish optional)



Water Penetration Barrier Below Each Window and Mullion with Sill Pan.



Silicone Free Interior and Exterior to improve aesthetics. Exterior drip cap.



Standard Foam Insulated Mullions with Threaded Rod.

Glass Options

When deciding on what glass package to choose, keep your environment in mind. 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.

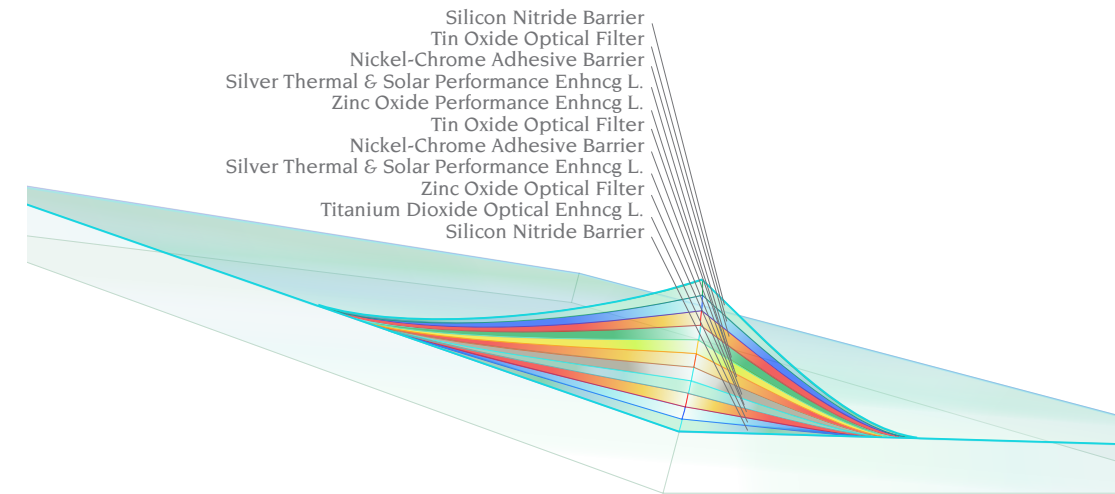
	Clear Glass	HeatSeal® (Argon Gas)	SunSeal® (Argon Gas)	HeatSeal® Super Glass (Argon Gas)	HeatSeal® Super Glass (Krypton Blend)
U-Factor <i>Measures the rate of heat transfer and tells you how well a window insulates.</i>	✓	✓✓✓	✓✓✓	✓✓✓✓	✓✓✓✓✓
Solar Heat Gain Coefficient <i>How well a window blocks heat 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>	✓	✓✓✓	✓✓✓✓	✓✓✓✓✓	✓✓✓✓✓

The Glass Unit

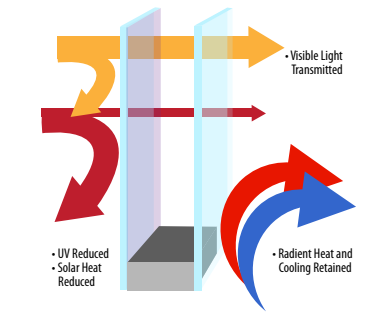
The glass unit is one of the most important elements of your new window. It is about 90% of the whole window. Your decision will dramatically affect your living comfort and expenses for many years.

High Performance Reflective Glass Coatings

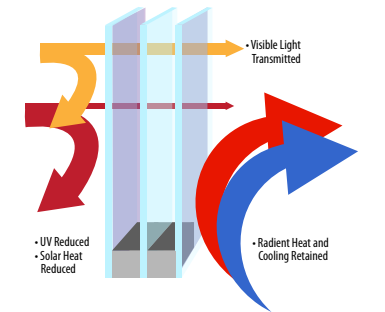
HeatSeal® heat reflective coatings are microscopically thin layers of metal & metal oxide that act like a filter – some energy is transmitted, some energy is reflected.



HeatSeal® Glass

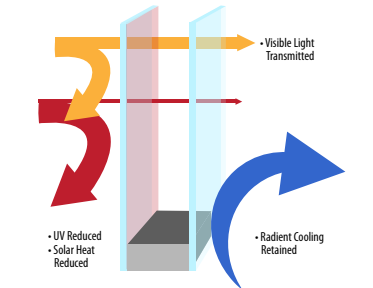


HeatSeal® Super Glass



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 windows that reduce heating costs.

Sunseal® Glass

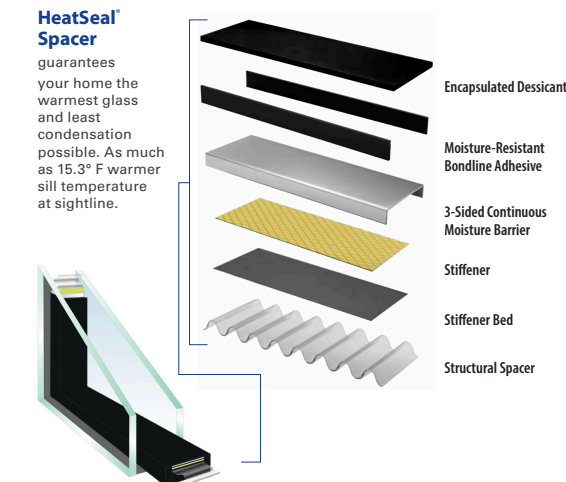


In climates where cooling is your main concern, SunSeal® Glass products are designed to reduce solar heat while still providing color-neutrality. This solar control property, combined with thermal insulating benefits, results in beautiful, natural-looking glass that helps keep air conditioning costs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

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 windows, unlike OKNA 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 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.



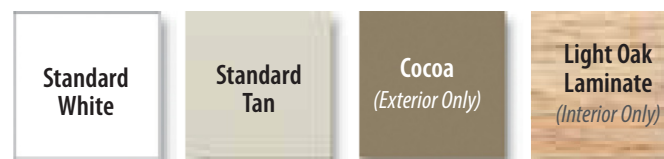


Garden Window

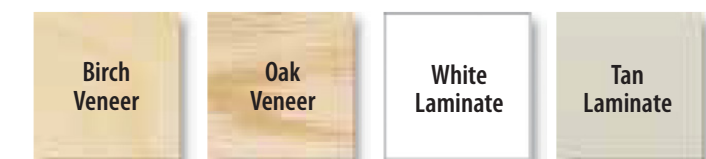
- Fully welded, rigid PVC vinyl frame for greater strength and stability.
- Aluminum and steel reinforcements in the front mullion.
- The multi-point locking system provides a tighter seal and added security.
- Twin sealing, fully screened, operating casements with external glazing for improved weather protection.
- Glass shelf with steel support system is available for units over 42 inches.
- A two-part structural silicone is used to glaze the top slope and vertical dead-lite portions of the unit.
- The window is shipped completely assembled for easy installation.
- Vinyl frame will not chip, rot, or peel and will never need to be painted.
- Snap-in sill cover for seat board provides aesthetic appeal and weather resistance.
- Exterior grade plywood head board, seat board and jamb are 1-1/4-inch for improved structural and thermal performance; support brackets are not needed.
- Locks and operators are mounted to the inside front area for easy access. Operators are sealed to prevent air and water infiltration.



Frame Options



Head and Seat Board / Jamb Options



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



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