

# Casement

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700 Series

*By Okna Windows*





# SUPERIOR DESIGN

- **Full 3¼" Depth uPVC Fusion Welded Frame and Sashes** with beveled colonial exterior curves that are not only beautiful, but also allows for maximum weld surface resulting in outstanding strength and years of long-lasting performance.
- **A Progressive Multi-Point Locking System** allows for a weather-tight seal by drawing the sash firmly and securely to the master frame. The multi-point locking system also offers added security by providing additional points of reinforcement on the window.
- **OKNA Casement Windows** open fully for maximum ventilation and easy cleaning from inside the home.
- **Folding Style Crank Handles** are standard on all casement windows, minimize interference with blinds and other window treatments.
- **Coastal Hardware** is available for coastal regions.
- **WOCD Device** is available for casement windows only.

# OPTIONS

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! OKNA 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 for an extra fee.



Brushed Nickel  
(Optional)



Euro-White  
(Standard)



Almond  
(Standard on Solid Almond)



Cocoa  
(Optional on All Laminates)



Adobe Gray  
(Standard on All Laminates)



Antique Brass  
(Optional)



Matte Bronze  
(Optional)

OKNA Windows offers five beautiful internal laminates in addition to the standard Euro-White to give your home a distinct look and enhance its curb appeal. 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 exterior a vibrant and long-lasting color finish.

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.

SOLID		INTERIOR				
Euro-White (Standard)	Almond (Optional)	Natural (Optional)	Winchester (Optional)	Cognac (Optional)	Melrose Cherry (Optional)	Dark Oak (Optional)

EXTERIOR							
Almond (Optional)	Sandstone (Optional*)	Terra Brown (Optional*)	Cocoa (Optional)	Basic Brown (Optional*)	Bronze (Optional)	Nicol's Black (Optional*)	Custom Color (Optional)

\* Surcharge applied for painted screens.





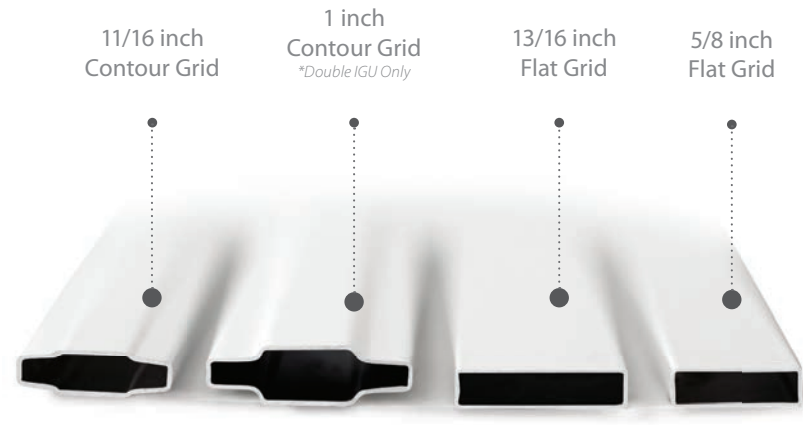
SCREEN

Industry Average Screen

ThruVision PLUS® Standard on all OKNA Products

## GRIDS

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 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.

## AWNING WINDOWS

Our Awning Windows offer a sleek, contemporary look and are practical in areas with obstructions. They can be used individually and as part of multi-window configurations.

## CA AND AW FEATURES

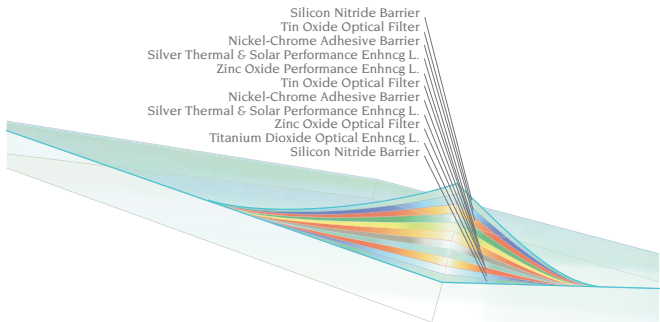
OKNA Windows offers a variety of features to customize your windows for any style. Our specialty glass options include Regular and Niagara Obscure, Tempered, Laminated, and Custom Configuration. ThruVision Plus®, our standard screen material, is a fiberglass improved visibility screen. This product improves the view from your windows and doors by making it sharper and more vivid, similar to high-definition technology for television.

SPECIALTY GLASS

Regular Obscure

## QUALITY GLASS

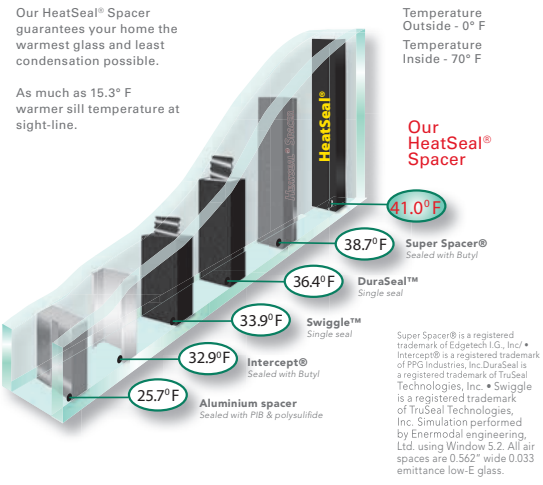
The glass unit is one of the most important elements of your new window. It is about 90% of the whole window. Your decision will dramatically affect your living comfort and expenses for many years. HeatSeal® heat reflective coatings are microscopically thin layers of metal & metal oxide that act like a filter – some energy is transmitted, some energy is reflected.



High Performance Reflective Glass Coatings

## HIGH PERFORMANCE HEATSEAL SPACER

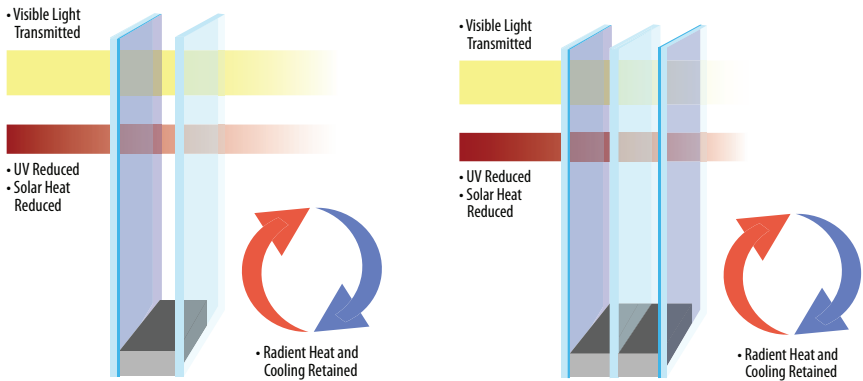
A spacer is the piece that is located between panels of glass in an insulating glass system. Its main function is to seal the gas space between them. Majority of windows, unlike OKNA Windows, are made with metal spacers. The main disadvantage to metal spacers is the conductivity that contributes to energy 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.

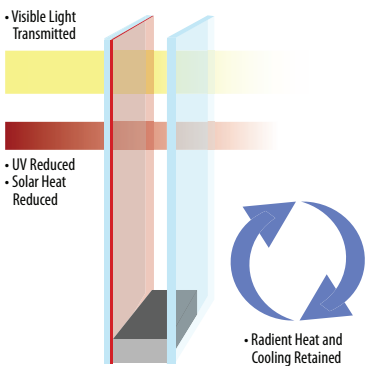


## HEATSEAL® GLASS HEATSEAL® SUPER GLASS



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.





# PERFORMANCE

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.

## THERMAL PERFORMANCE

<i>Numbers are based off of windows tested without grids.</i>	U-Value	SHGC	VT	CR
<b>HeatSeal® Glass Package</b>				
Energy Saving Package - AG	0.25	0.27	0.49	63
Deluxe Package - AG	0.24	0.27	0.49	63
<b>SunSeal® Glass Package</b> (For Southern Climate)				
Energy Saving Package - AG	0.25	0.20	0.38	63
Deluxe Package - AG	0.24	0.20	0.38	63
<b>HeatSeal® Super Glass Package</b>				
Deluxe Package - AG (XR9)	0.19	0.23	0.38	71
Deluxe Package - KR (XR10)	0.15	0.23	0.38	77

## STRUCTURAL PERFORMANCE

<i>Numbers are subject to change depending on size of window.</i>	Industry Minimum	700 CA
<b>NAFS Rating</b> resistance to wind	R15	<b>R 70</b>
<b>Air Infiltration (cfm/ft2)</b> at speeds of 25mph.	0.30	<b>0.02</b>
<b>Water Penetration (mph)</b> 8" per hour	33	<b>56</b>
<b>Structural Integrity (mph)</b> Wind load	94	<b>171</b>

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.

XR9: Triple pane glass, 15/16" XR10: Triple pane glass, 15/16" AG: Argon Gas KR: Krypton Gas



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