

The Measure of Quality

Certified Quality

Quality is something every window manufacturer strives to achieve, and almost all profess to have in their products. But Quality is more than a statement. Quality is something instilled in your process and through your people. It is clearly defined by your manufacturing and service philosophy.

Real Quality is measurable!

There are achievable standards of quality that are recognized throughout the window industry.

The following are the marks of quality in our windows. These are the real standards that measure and certify the quality of our windows. And these are the standards that you desire in your windows.

Good Housekeeping Seal

Through our commitment to quality and service and as an Earthwise fabricator, all of our windows have earned the Good Housekeeping Seal! The Good Housekeeping Seal is earned only after a product undergoes a rigorous review by the laboratories of the Good Housekeeping Research Institute. We're proud to have earned this Seal. The Good Housekeeping Seal is the most recognized mark for quality assurance and excellent customer service in America. Now, all our windows provide this unparalleled quality assurance for you, our customer.

Earthwise Windows

We are an active member of a selective national group of window fabricators who produce similar high quality vinyl window systems. The alliance of fabricators is called the Earthwise Group.

This successful group was formed with the purpose of creating a national identity within the window industry and combining production, distribution and marketing strengths. We manufacture Earthwise windows.

Lifetime Warranty

We manufacture all of our window systems through state of the art insulated glass technology and vinyl processing production which insures the highest quality and performance of any window system in the industry. All of our windows are guaranteed for a lifetime. Our industry leading warranty gives you true assurance for a lifetime in your home.

Environmental Advantages

Our beautiful, weather-resistant, vinyl-based building materials are effective and responsible alternatives to other building materials. The environmental advantages include:

- Energy efficient – Vinyl windows require 1/3 less energy to produce than aluminum and steel windows.
- Reduces waste – More than 99% of all vinyl ends up in the finished products.
- Thermal performance – Window frames and sashes constructed of vinyl maintain interior comfort and reduce energy consumption. Long life-span – Products can last for decades; then be recycled into new products, extending the material life-span even further.
- Sustainable – Nearly 60% of its principal raw material is derived from common salt.
- Durable – Vinyl and composite building products will not rot or corrode and do not require frequent cleaning and painting like other materials, reducing the use of harsh chemicals and helping to conserve resources. Vinyl windows last and last with a long productive life cycle.

Quality Means a Satisfied Customer

Our windows are custom measured and sized for exact fit in your home. They are manufactured with all the aesthetic beauty and modern features that you want in your home. But beyond style, our fully welded windows embrace the most advanced technology in design and thermal performance.

The patented material compound and precision engineering insures you a quiet, secure environment with an unsurpassed energy efficiency that lowers the cost of comfort year round.

A Name You Trust

Our brand products have been trusted for years by contractors in the building products industry. A superior line of vinyl windows with practicality, thermal efficiency, strength and beauty makes our name your assurance of quality when investing in your home.

And Our Quality Continues To Be Measured...



American
WINDOW



ENERGY SOURCE GLASS



With Advanced



Technology



American
WINDOW

High Performance Glass Technology

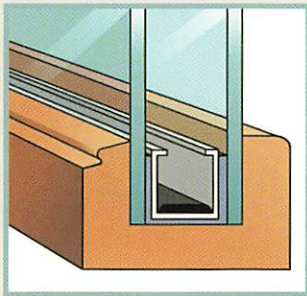
Intercept® "Warm Edge" Spacer Technology by PPG



Our Double Glazed Insulated Glass System comes with Intercept® Spacer Technology. Intercept® is a patented, "Warm Edge Technology" spacer system that features a unique one piece, U-channel design that creates a highly effective thermal barrier. It, therefore, reduces conductive heat loss through the window.

The Intercept® sealed, one piece design makes it stronger and better at retaining insulated gas than conventional spacer designs and its design insures the integrity of the insulated glass against seal failures.

The Intercept® spacer is so energy efficient that it keeps the edges of the window glass warmer, making your home more comfortable in the winter.

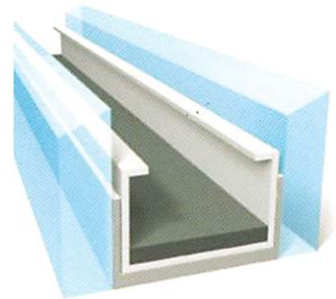


Energy Source² Glass

Double Glazed High Performance Glass Technology

Energy Source² Glass is our high performance Double Glazed insulated glass technology designed to be a source of energy efficiency for your home.

Energy Source² Double Glazed Performance Glass uses the patented Intercept, warm edge technology, spacer system from PPG. The Intercept spacer system features a unique, sealed one piece, U-channel design that makes it extremely energy efficient, durable, condensation resistant and excellent at gas retention.



Together with your choice of clear or two great solar control Low-E glass products from PPG along with two gas filling options, our windows provide you the best selection in the climactic control and comfort for your home.

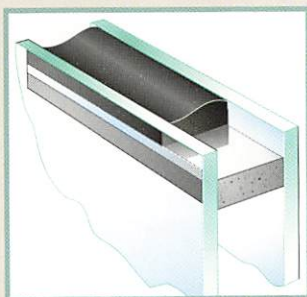
Super Spacer® True WARM Spacer Technology by Edgetech



Our Triple Glazed Insulated Glass System only uses the most advanced, renown Super Spacer® insulated glass spacer technology. Super Spacer® is a thermoset structural foam spacer employing an acrylic adhesive, approved by NASA, for the structural seal of the insulated glass.

Moreover, the Super Spacer® system provides a dual or second, hot melt butyl barrier seal. Insulated glass with a dual seal last five times longer in durability tests than those with single units.

The Super Spacer® thermoset foam, non-metal spacer with True WARM®, warm edge technology, insures Health Smart Windows® with the best energy efficiency, performance durability, condensation resistance and comfort satisfaction for your home.



Energy Source³ Glass

Triple Glaze Ultra Performance Glass Technology

Energy Source³ Glass is our ultra performance Triple Glazed, Low-E, insulated glass technology designed to be a source of energy efficiency for your home.

Energy Source³ Triple Glazed Performance Glass uses Super Spacer from Edgetech with True WARM®, warm edge Technology for Health Smart Windows® with the most energy efficiency, thermal longevity, condensation reduction, and comfort control for your home.



Together with your choice of two great solar control, Low-E glass products from PPG and two options on gas filled insulated glass, our window products allow you to customize the glass performance that will best fit your geographic climate and living style. We are confident that our windows backed by a Lifetime Glass Warranty and the Good Housekeeping Seal will insure the greatest year round quiet, security and comfort for your home.

Modern Window Testing



ENERGY STAR

The American Window is ENERGY STAR® labeled. That means you can expect lower home energy bills — and a more comfortable home.

U.S. Department of Energy Savings estimates are based on population-weighted regional annual energy use for a 2,000sq.ft. single-story, detached house with 300sq.ft. of window area, gas heat and electric air conditioning. Estimates use the Energy Information Administration's average gas prices through August 2007 and year-to-date electricity prices through July 2007. Double-paned, clear glass may not be applicable to all jurisdictions due to mandatory building codes. Actual savings will vary by climate region and home characteristics.



NFRC

NFRC is a non-profit organization that administers the only uniform, independent rating and labeling system for the energy performance of windows, doors, skylights, and attachment products. Their goal is to provide fair, accurate, and reliable energy performance ratings. The NFRC label on our window is specific to the overall thermal performance of the specific window tested by NFRC.

The NFRC ratings label shows the U-factor (the lower number is better), Solar Heat Gain Coefficient (the lower number is better) and Visible Transmittance (the higher number is better).

Our windows have been certified to meet the best industry standards!



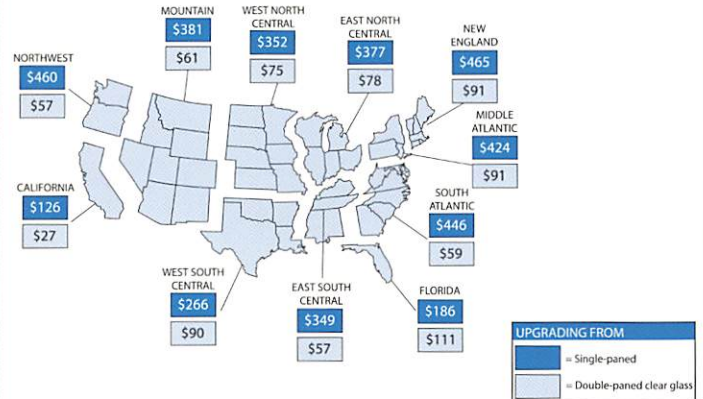
AAMA and Structural Performance

The American Architectural Manufacturers Association (AAMA) is a voluntary organization that establishes material performance standards for the window industry. Our windows meet or exceed the AAMA guidelines.

As you can see our windows and doors meet or exceed demanding rating requirements, providing a lifetime of top-quality, performance and efficiency.



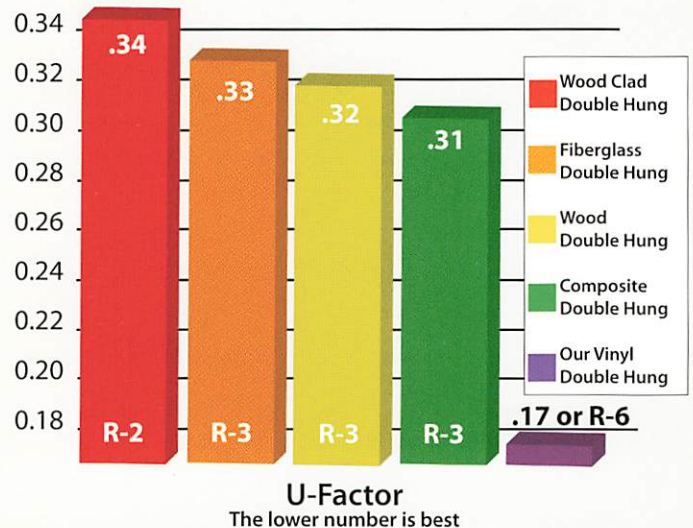
UPGRADE TO ENERGY STAR ANNUAL SAVING



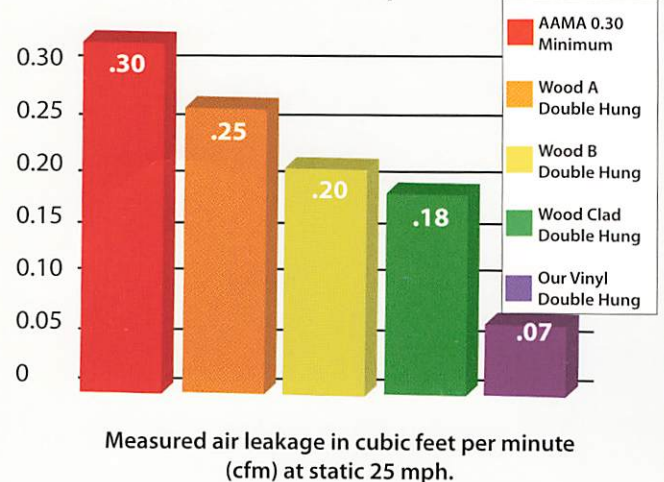
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* The savings estimates apply to both new home construction and replacement applications with the following exception, savings from double-paned clear glass windows in new construction in Florida is \$150.

NFRC Thermal Test Results for Comparison



Structural Air Performance Comparison



Modern Performance Technology

INNERGY™

Rigid Thermal Reinforcements

Innergy is the innovative, energy-efficient alternative to aluminum reinforcement. Innergy is able to deliver a quantum leap above aluminum in how windows and doors perform:

Better thermal performance: Up to 700 times better than aluminum in material-to-material comparisons.

Better thermal break: Impervious to cold or heat.

Better protection against condensation: Helps prevent staining that can occur with metal reinforcements.

Better impact testing: Resistance to impact versus other reinforcement products.



InsulCore

Insulated Foamfilling Technology

InsulCore is a proprietary process for foamfilling specific hollow cavities in both the sash and mainframe of the window. InsulCore provides an additional, exceptional insulating barrier for thermal conductivity which enhances the overall U-value of our windows.

InsulCore is a superb insulating technology that outperforms hollow vinyl extrusion by over 9 R-values.

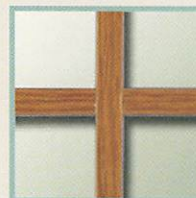
InsulCore is a value option that will improve the energy efficiency and lower the cost of comfort for your home throughout the year.



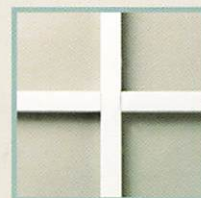
Decorative Grid Options

Our grid styles come in all the interior and exterior colors of the windows. Your home will be completely color-matched.

You may add many grid options to the your windows. Choose from Colonial Standard, Contour, Brass, Brushed Nickel, Prairie Style, Diamond Shape (in stock colors, Brass or Brushed Nickel), as a few of the many options available in grids.



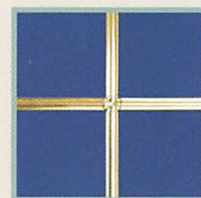
Wood Grain



Colonial Standard



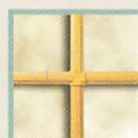
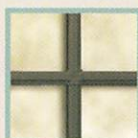
Contour



Brass



Brushed Nickel



Printed color will vary slightly from actual color. Always refer to actual color samples before making color selections.

High Performance Window Technology

Unparalleled Performance

In today's world, simply looking good is not enough. Today's world demands performance. Our windows live up to this demand. With a design that reduces potential air, water and noise infiltration, we have one of the most reliable replacement window systems available on the market today. And its outstanding thermal performance equals its structural performance, as well.

When you consider energy efficiency, perhaps the most critical part of any window is its insulating glass unit. It only makes sense: the glass has the largest surface.

Windows Can Help

To understand how windows can help, you must first understand that energy is lost through windows in three major ways: conduction, convection and radiation.

Conduction

The framing of all our windows is made from vinyl, a natural insulator. To prevent energy loss through conduction, all units are made with "warm-edge" technology. Using a low-conductance spacer, this method assures maximum resistance to energy flow.

Convection

Energy can also be lost through natural convection currents that can form within the insulating glass. That's why our glass is 3/4" thick, shown by government testing to be the optimum dimension to prevent these convection currents.

Radiation

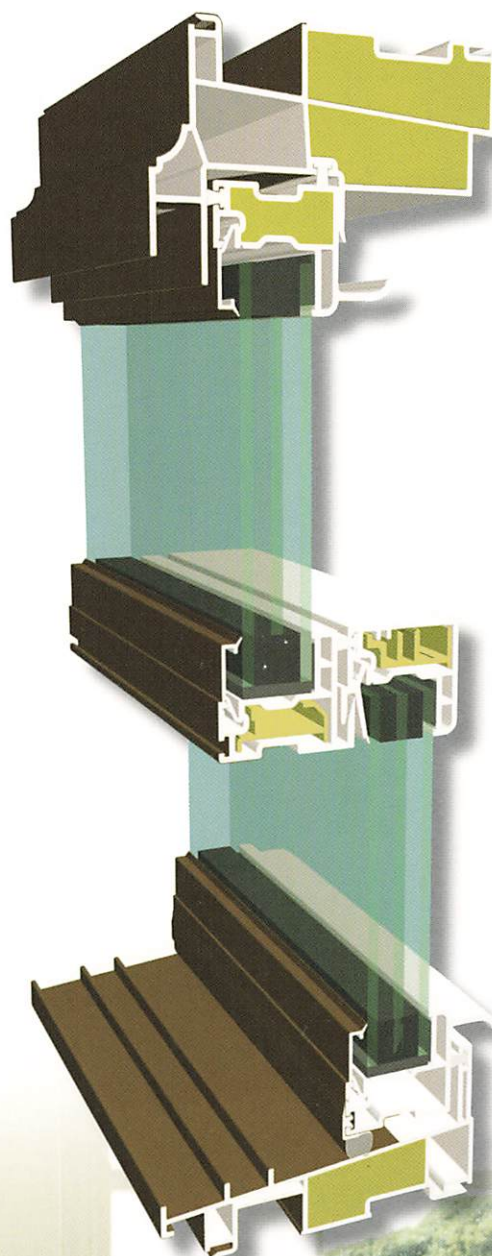
Radiation occurs when long wave heat energy moves toward cold areas. The most effective barrier to radiation is an optional special low 'E' coating, a standard part of Energy Source Glass. This special coating actually reflects the long wave radiation back to its source. This is important to understand, as radiation affects energy consumption, no matter what part of the country you call home.

Solar Gain vs. Heat Loss

The concerns of home owners in the North are quite different than those in the South. In the North where heating is a concern, glass must allow maximum solar gain, while preventing heat loss. Conversely, Southern home owners are concerned with unwanted solar heat gain, when long wave radiation raises cooling costs. When you understand these regional differences, it makes sense that the insulating glass system should be manufactured to address these concerns. That's why Energy Source Glass systems are tailored by each regional manufacturer for maximum energy efficiency in the climates each serves. We produce each of our insulating glass units to be specifically engineered to lower your energy bills, and reduce noise transmission.

What's your style?

No matter what style home you have, or what style window you want, we can fill your request. And, since all of our windows are made to your specific dimensions, you know you'll get a window that not only fits your style, but fits your home as well.



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earthwise
WINDOWS & DOORS



New High Performance Glass Technology

over window

Energy Source High Performance Glass

4 Energy Source² High Performance Glass Options

Dual Low-E and Dual Glazed with Intercept or Super Spacer

Energy Source² 60A **.25 U-Value** **4 R-Value**
(Intercept w PPG Solarban 60 Low E and U4/ Argon Filled)

Energy Source² 70A **.24 U-Value** **4 R-Value**
(Intercept w PPG Solarban 70 Low E and U4/Argon Filled)

Energy Source² 60A **.23 U-Value** **4 R-Value**
(Super Spacer w PPG Solarban 60 Low E and U4/ Argon Filled)

Energy Source² 70A **.23 U-Value** **4 R-Value**
(Super Spacer w PPG Solarban 70 Low E and U4/Argon Filled)

* All testing includes foam filled frame and sash

4 Energy Source³ Ultra Performance Glass Options

Triple Low-E and Triple Glazed with SuperSpacer

Energy Source³ 60A **.23 U-Value** **4 R-Value**
(SuperSpacer w 1 pane of Solarban 60 Low E and 1 of U4/Argon Filled)

Energy Source³ 260A **.20 U-Value** **5 R-Value**
(SuperSpacer w 2 panes of Solarban 60 Low E and 1 of U4/Argon Filled)

Energy Source³ 70A **.23 U-Value** **4 R-Value**
(SuperSpacer w 1 pane of Solarban 70 Low E and 1 of U4/Argon Filled)

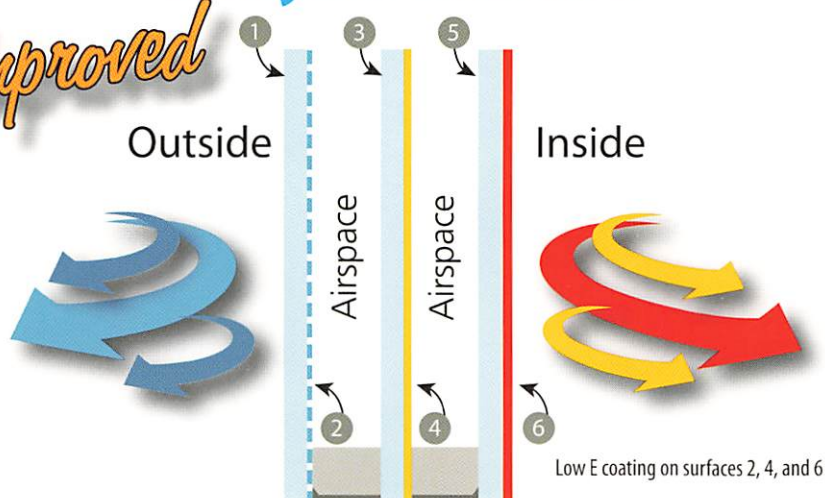
Energy Source³ 270A **.19 U-Value** **5 R-Value**
(SuperSpacer w 2 panes of Solarban 70 Low E and 1 of U4/Argon Filled)

* All testing includes foam filled frame and sash



Energy Source³ Glass with U4 3 Layers of Low E

Improved



Expect at least a minimum of a .20 U-Value or an R-Value of 5 or better.

Energy Source² Dual Low-E 60A /U4

 	
ENERGY PERFORMANCE RATINGS	
U-FACTOR .25	SOLAR HEAT GAIN COEFFICIENT .30
ADDITIONAL PERFORMANCE RATINGS	
VISIBLE TRANSMITTANCE .53	AIR LEAKAGE .07

Energy Source² Dual Low-E 70A/U4

 	
ENERGY PERFORMANCE RATINGS	
U-FACTOR .24	SOLAR HEAT GAIN COEFFICIENT .20
ADDITIONAL PERFORMANCE RATINGS	
VISIBLE TRANSMITTANCE .47	AIR LEAKAGE .07

Energy Source³ Triple Low-E 260/U4

 	
ENERGY PERFORMANCE RATINGS	
U-FACTOR .20	SOLAR HEAT GAIN COEFFICIENT .24
ADDITIONAL PERFORMANCE RATINGS	
VISIBLE TRANSMITTANCE .43	AIR LEAKAGE .07

Energy Source³ Triple Low-E 270A/U4

 	
ENERGY PERFORMANCE RATINGS	
U-FACTOR .19	SOLAR HEAT GAIN COEFFICIENT .16
ADDITIONAL PERFORMANCE RATINGS	
VISIBLE TRANSMITTANCE .34	AIR LEAKAGE .07

Modern Color Technology



Color reflects individual style!

Color is at the heart of home design. The AmeriColor Color Select Program fulfills the entire spectrum of light, hue, perspective and shade.

With thirteen unique exterior color selections and an unlimited palette of custom color choices available, the AmeriColor Color Select Program gives the homeowner and contractor the choices to color coordinate and design the exterior of the home in their own art and tone.

Add the superior strength, elegance and thermal performance, and what is left to fulfill in a window choice.

Choose from the canvas of nine AmeriColor colors: Wicker, Cameo, Desert Sand, Sandtone, Silver Gray, Victorian Gray, Harbor Gray, Architectural Bronze, Hunter Green, added to our four standard colors of White, Sand, Clay, and Earthbrown or the endless possibilities of custom colors.

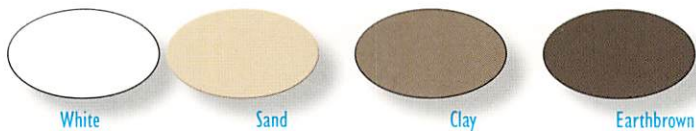
The AmeriColor process uses the most advanced coating technology in the industry today. Using the patented AquaSureTech D200, the AmeriColor paint formulation creates an actual molecular bond with the vinyl surface of the window. This produces the most scratch resistant, color fast window coating in the industry, and it does so with an eco-friendly waterbase formulation and process.

The AmeriColor Color Select Program produces a rainbow of choices for your individual expression and eye. So choose the window that truly gives you choice --- choose windows with AmeriColor.

AmeriColor Color Select Program The Art of Window Making



Standard Colors



White

Sand

Clay

Earthbrown

Rich Woodgrain Laminates

Our custom-crafted solution to add woodgrain color and style to windows throughout the home.



Light Oak

Cherry



Printed color will vary slightly from actual color. Always refer to actual color samples before making color selections.

AmeriColor creates a rainbow of color choices for your distinctive home decoration.