



premium window series

VINYL REPLACEMENT WINDOWS AND DOORS


Our Name Says It All!

THE IDEAL STORY

Since Ideal began over 85 years ago, we've been dedicated to manufacturing reliable, energy-efficient windows and doors that are beautiful and worry-free.

Ideal began in 1924 when Irving Rogow founded his venetian blind business. By the mid 1930's he employed over 100 people. In 1942, Mr. Rogow patented an innovated venetian blind bracket that is still in use even today.

Gold Bond Inc. was established after World War II as a wholesaler of venetian blind supplies. In 1952 Gold Bond began manufacturing storm windows and doors. Due to its huge success in the sale of these products, the company changed its name to Ideal Aluminum Products. In 1972, 315,000 storm windows and doors were produced. At that time Ideal also entered the aluminum replacement window business. Nine years later, Rogow Window Manufacturing Company was established and vinyl windows were manufactured on a limited basis until 1983. In 1983 full-scale manufacturing of vinyl windows began at our new facility on Kennedy Boulevard in Bayonne, New Jersey.

Today Ideal employs over 300 people and continues to operate out of three Bayonne locations. We have been and will continue to be a leader in design, manufacturing and marketing of replacement and new construction windows. We are proud to sell windows to the children and grandchildren of some of our original customers. It is not our goal to be the biggest window manufacturer but to be the very best at what we do.



Circa 1924



OUR *Commitment* TO YOU

Ideal has been making high quality window and door products for over 85 years. Since all of our products are made of strong weather resistant vinyl, they will continue to ward off extreme temperatures, wind, snow, and rain year after year. Because they are made of vinyl, you'll be glad to know they will never rust, peel, or rot. As the components used in your Ideal windows and doors have been carefully chosen for performance and reliability, not price, you will be rewarded with products that simply perform as they have been designed to. With a little periodic cleaning, your windows will continue to look new for years to come.

Our windows are available in a wide array of styles and options, enabling you to choose the exact style to fit your architecture or personal taste. If you want to add more light or simply create a new look, we have the solution.



OUR *Commitment*

TO THE ENVIRONMENT

At Ideal, we've always been committed to the environment. That's why from the very beginning, our manufacturing process combines environmental responsibility and sustainability with high-quality finished products.

We only use lead-free, non-petroleum based PVC vinyl, so our production eliminates burning and doesn't generate harmful gases. We also recycle vinyl scrap and glass components to help minimize the impact on local landfills.

Over the past 20 years, modern PVC vinyl has been found to perform positively in terms of product durability, energy efficiency, and insulation value. It saves energy, reduces carbon dioxide emissions, and utilizes 20 percent less energy to produce than other plastics. PVC is a highly recyclable material; more than one billion pounds are recycled annually.





Warranty

Ideal's windows and doors have been designed to create a lasting impression, while adding value to your home. Our products are built for durability, security, and energy efficiency and will look like new for years. Since we manufacture our own products, it's easy to honor your investment with one of the best warranties in the industry. We cover everything from the frame and sash to hardware and screens; it's our way of saying "Thank You". Being respected as a leader in the industry for over 85 years, there is no hidden cost to receive this protection. In fact, you're able to transfer this warranty on to the next homeowner. So relax - we've got you covered.

For more information on Ideal's warranty please visit our website at www.idealwindow.com/warranty.

WHAT IS THE R5 PROGRAM?

R-5 window package

Ideal is proud to offer our UltraWeld window which qualifies for the Department of Energy's Building Technologies Program for Highly Efficient R5 Windows. The R5 program is an effort by the U.S. Department of Energy to promote windows with an overall window R Factor of 5.

Our UltraWeld window series with the R-5 window package qualifies for this exciting new program. In fact, we're one of just 30 companies in the nation that currently does!

KEY POINTS

- ▶ R-5 Windows are highly insulating windows with a whole window R-value of approximately 5 (U-Factor 0.22) and are at the top tier of energy efficient windows for cold and mixed climates available today.

Common Energy Star windows only have an R-value of about 3.3 in the Northern Region. Increasing the

- ▶ R-Value from 3 to 5 reduces the average heat loss through the windows by about 40% and saves the consumer money on their energy bills.

The principal barrier to widespread market commercialization of R-5 windows is the cost. The DOE is

- ▶ working with the fenestration industry and potential buyers to lower costs and make these energy efficient products more readily available.

Currently many states are specifying R-5 rated products for use in their weatherization programs.

- ▶

OUR *Commitment* TO ENERGY EFFICIENCY



Ideal offers a range of energy-saving glass packages that meet or exceed the ENERGY STAR® requirements. Our R-5 window package qualifies for the U.S. Department of Energy's stringent Building Technologies Program for Highly Efficient R-5 Windows. These energy efficient options can help save money and add value to your home.

LowE Glass

Reduce energy costs by up to 20% with LowE glass. This metallic, high-performance glass helps keep solar heat out of your home, keeping temperatures cooler in the summer and warmer in the winter for optimal comfort. A slight bluish-gray tint keeps blue skies blue and white clouds white. It is a beautiful choice for your windows.



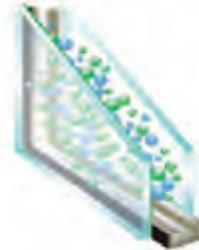
In the summer, Low E glass reflects the sun's heat away from the home.



In the winter, LowE reflects radiant heat back in.

Argon Gas / Krypton Gas

Argon Gas, 190% more dense than air, slows down the movement of the air within the airspace, reducing the transfer of heat to cold for improved energy efficiency. Similar to Argon gas, Krypton gas is three times heavier and provides superior thermal efficiency. Krypton gas works best in narrow air space, making it the best choice when used in triple pane glass.



Air spaces filled with either Argon Gas, Krypton Gas or a blend.

Foam Filled Frames

Foam filled frames can increase the insulating value of the window's frame and sash members by up to 30%. This translates into a 3-8% improvement in the windows overall U-Value. This injected foam expands to thoroughly fill each pocket, enhancing condensation resistance and improving frame rigidity.



Foam filled frames improves the overall U-Value of the window.

ENERGY-SAVING PACKAGES

Save energy and reduce home heating and cooling expenses with any of the following special packages.

R-5 Package

- ▶ Triple pane I.G. unit featuring two surfaces of softcoat LowE Glass.
- ▶ A blend of 45% Argon Gas and 45% Krypton Gas fills the sealed airspace.
- ▶ Frame and sash are foam filled.
- ▶ Warm edge Intercept Spacer.

Energy Gold Package

- ▶ Dual pane I.G. unit featuring one surface of softcoat LowE Glass.
- ▶ Airspace filled with 95% Argon Gas.
- ▶ Frame and sash are foam filled.
- ▶ Warm edge Intercept Spacer.

Energy Smart Package

- ▶ Dual pane I.G. unit featuring one surface of softcoat LowE Glass.
- ▶ Airspace filled with 95% Argon Gas.
- ▶ Ultra Intercept Spacer.

R-5
window
package



DOUBLE HUNG

UltraWeld, DuraWeld, Professional Series

Whether you need replacement windows for a remodel job or windows for new construction, Ideal offers three models of timeless, double-hung windows that fit your style and your budget.



FEATURES & BENEFITS



- ▶ Virgin vinyl frame and sashes are fusion welded to provide precise tolerances
- ▶ Dual weather-stripping seals on all sash-to-frame contact points ensuring protection from the elements – The sashes are processed to allow the weather-stripping to run the full width or height of the sash
- ▶ Low profile tilt latches allow the sashes to tilt inward for easy cleaning from within the home
- ▶ Frames are custom made every 1/4" in width and height, manufactured specific to each required opening
- ▶ Energy efficient 7/8" insulated glass provides year round comfort – Several glazing options are available
- ▶ Internal grids are available in a variety of styles and patterns
- ▶ Electrostatic painted, extruded aluminum locking screen is color matched
- ▶ Stylish cam locks provide security and stability – Double locks are provided on all double hung windows 26" and wider
- ▶ Heavy duty night latches, while engaged, limit the sash opening and provide partial ventilation
- ▶ Overlapping interlocking sashes provide maximum view and ensure positive sash-to-sash contact providing superior strength, durability, and enhances thermal performance

OPTION COMPARISON

	UltraWeld	DuraWeld	Professional
Full screen	•	•	•
SDL grids	•		•
Obscure glass	•	•	•
Designer Glass	•	•	•
Nailing Fin			•
Tilt Only Privacy Blinds	•		
Factory mulled multiple units			•
UltraVue screen	•	•	•
Energy Smart Package	•	•	•
Energy Gold Package	•		
R-5 Energy Package	•		



ULTRAWELD

A SUPERIOR WINDOW SERIES



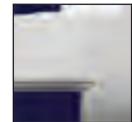
Stylish Lock



Low Profile Tilt Latch



Triple Seal, Stepped Sill



Heritage Style Sash

- ▶ Triple seal, stepped, sloped sill minimizes air infiltration and ensures quick water drainage
- ▶ Triple seal, dedicated head jamb features an anti-drift snubber, which “snaps” the top sash into place
- ▶ Decorative heritage sash profiles look slimmer and provide a traditional “wood window” look
- ▶ Top and bottom sashes feature a heavy duty, double-wall lift handle with decorative end caps
- ▶ Teflon coated stainless steel constant force balance system allows sashes to be raised and lowered with ease – Larger sash sizes are easily accommodated by tandem or triple balances
- ▶ Balance covers conceal balances and provide interior with a finished look
- ▶ Locking half screen

DURAWELD

A PREMIUM WINDOW SERIES



Stylish Lock

- ▶ Stepped, sloped sill minimizes air infiltration and ensures quick water drainage
- ▶ Dual seal, dedicated head jamb features an anti-drift snubber, which “snaps” the top sash into place
- ▶ Teflon coated stainless steel constant force balance system allows sashes to be raised and lowered with ease
- ▶ Balance covers conceal balances and provide interior with a finished look



Slim Line Low Profile Tilt Latch

PROFESSIONAL

A MULTI-PURPOSE WINDOW SERIES



Stylish Lock



Forced Entry Night Latch

- ▶ Fully-welded, weepless sloped sill
- ▶ Multiple frame options for a variety of applications
- ▶ Block & Tackle balance system

CASEMENT & AWNING

Our Casement and Awning windows offer exquisite beauty and excellent thermal efficiency. With a modern contemporary look, these products are among the best performing windows available. Securely sealed when closed, Casement windows open outward to 90° and can be hinged from either left or right, while Awning windows are hinged from the top. Both provide refreshing ventilation when you desire it.



CASEMENT



Casements add that comfortable look that feels right at home, while also providing maximum ventilation. The stylish beveled sash adds curb appeal while the Encore® folding handle provides a contemporary sleek look that “nests” attractively behind your window treatments.

- ▶ Exclusive multi-point locking system featuring 2, 3 or 4 keepers ensures a weather-tight seal
- ▶ High-performance E-Guard™ coating on multi-point locks outperform zinc plated hardware and provides a newer look for years to come
- ▶ Multiple hardware options provide smooth sash operation
- ▶ Optional nailing fin frame for new construction available
- ▶ 1, 2, 3, 4 or 5-lite configurations are available



AWNING



Awning windows are appropriate for many styles of homes and look intriguing when grouped together with other windows. Hinged at the top, these windows provide ventilation while preventing rain from entering the home.

- ▶ Encore™ folding handle offers a smooth, contemporary look with minimal interference with window treatments
- ▶ High-performance E-Guard™ coating on hardware outperforms common zinc plated hardware and provides a newer look for years to come
- ▶ 1, 2, 3, or 4-lite vertical or horizontal configurations are available



FEATURES & OPTIONS



Folding Handle



Multi-Point Lock



Stylish Beveled Sash



New Construction Fin Available



Continuous Master Frame



Stainless Steel Coastal Hardware

SLIDER & BASEMENT

Slider and Basement Hopper windows are complementary products to all of our product lines. When space is limited, a small slider or vent window provides ventilation for basement or utility rooms. Color matched to all of our products, these windows are both functional and efficient.

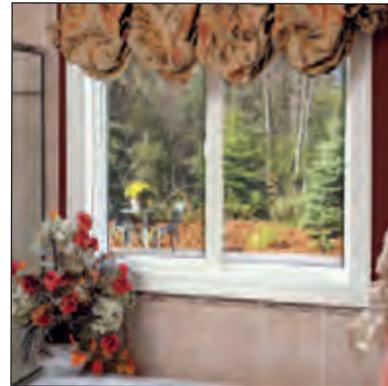


SLIDER



Each of our slider windows feature clean lines offering a streamlined look. An advanced track system allows the sashes to glide smoothly, making them easy to operate. These practical windows offer a fine alternative to our Casement windows.

- ▶ Support bar provides added strength to the frame and prevents sagging
- ▶ Brass rollers on slider sashes for smooth and easy operation
- ▶ 2 or 3-lite units are available



BASEMENT HOPPER



Tilting inward, our basement hopper provides both light and ventilation in many hard to accommodate areas in your home. The stainless steel hinges provide durability while the sash tilts inward with easy turn and tilt locks.

- ▶ Designed to keep insects, rodents, and cold air outside of the home
- ▶ Optional dryer vent provides added protection from the weather and minimizes wall damage
- ▶ Quiet, trim-line louver doesn't clatter



FEATURES & OPTIONS



Brass Rollers on Slider



Support Bar on all UltraWeld Sliders



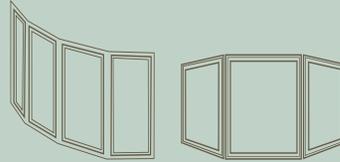
Stylish Lock on Slider



Dryer Vent Available For Hopper Only

BAYS & BOWS

Increase your interior space and add a panoramic view simply by adding a bay or bow window. Built to last for decades, our bay and bow windows will introduce additional natural light into your home, and make any room appear larger.

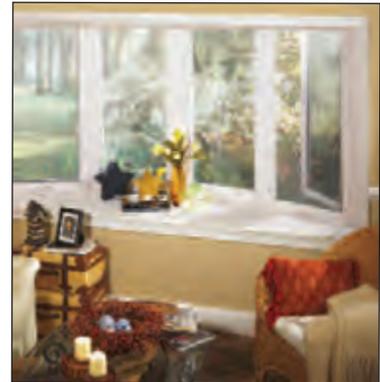


BOWS



Extending out to create the illusion of a rounded wall, a bow window consists of three or more adjoining casement windows with a slight projection.

- ▶ Available in three, four or five lites with your choice of 9 or 15 degree configurations
- ▶ 7/8" insulated glass and foam filled posts on all bow units deliver excellent thermal performance
- ▶ Furniture grade unfinished birch veneer can be finished to match any interior
- ▶ Casement windows can be fixed or operable, venting in either left or right direction



BAYS



Add a panoramic view and increase the sense of openness to any room. A bay window is usually composed of three individual windows; the center fixed picture window and either two double hung or casement flankers offering a look from contemporary to colonial.

- ▶ Available in 30° or 45° angle configurations to meet your design standards
- ▶ The center unit can be made operational or can be split into multiple units for additional design capabilities
- ▶ Furniture grade unfinished birch veneer can be finished to match any interior
- ▶ 7/8" insulated glass and foam filled posts on all bay units deliver energy efficiency
- ▶ Custom sizing and extended jamb depths for a beautiful fit in virtually any architecture



FEATURES & OPTIONS



Several Roof Styles Available



Factory Installed Cable Support System



Optional Maxx-Bay® TK Insulated Seatboard

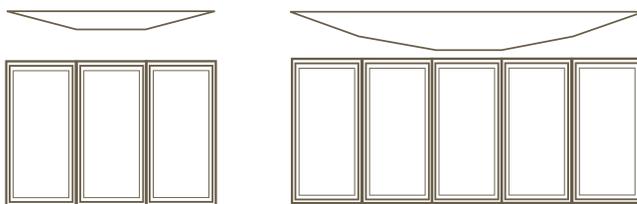


All seatboards are made using PureBond®, a non toxic formaldehyde free coating

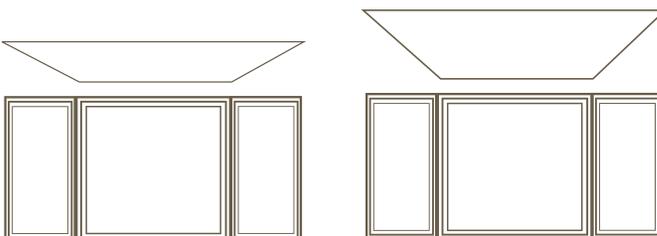


CONFIGURATIONS

Create a new unique look for your home with any of the multiple configurations available. These windows create an attractive focal point for any room. Offering almost unlimited design capabilities, our three dimensional window will expand your interior space by making the outside a part of your room. Available with any of our money saving glass packages, these “window-walls” will increase both the beauty and comfort of your home.



Bow windows are available in three, four or five lites with your choice of 9 or 15 degree configurations.



Bay windows can be created using 30 or 45 degree angles.

SLIDING PATIO DOORS

Buckingham, Hampton

Ideal's traditional sliding patio doors offer the picture perfect view to your yard, deck or patio. These smooth-operating doors brighten and expand any room. Available in two, three or four panel designs with a long list of options to complement your home.



FEATURES & BENEFITS

BUCKINGHAM

- ▶ Mechanical frame with vinyl wrapped wood core
- ▶ Steel reinforced mechanical sash
- ▶ Fully weatherstripped frame and sash provides superior resistance to air and water infiltration
- ▶ 1" thick tempered insulated with Cardinal's Triple Silver Low-e
- ▶ Multi-point lock is standard
- ▶ Optional Triple Glaze available
- ▶ Optional Flat or Contour Grids, Brass or Pewter Pencil Grids available
- ▶ 2, 3 and 4-panel configurations
- ▶ 26 standard sizes available
- ▶ Custom sizes made from 52" to 189" wide and up to 96" tall
- ▶ DP-40 structural performance
- ▶ Optional nailing fin

HAMPTON

- ▶ Heavy duty fully welded frame and sash that enhances thermal efficiency
- ▶ Fully weatherstripped frame and sash provides superior resistance to air and water infiltration
- ▶ Reinforced meeting rails and pull handle for added strength and durability
- ▶ Removable nailing fin for replacement applications
- ▶ Double weatherstripped interlock and reinforced meeting rails provide extra weather protection
- ▶ Full 1" thick tempered insulated glass provides enhanced energy savings
- ▶ 2, 3, and 4 panel configurations
- ▶ 8 standard sizes available
- ▶ Custom sizes made from 52" to 144" wide and up to 84" tall

FEATURE COMPARISON

	Buckingham	Hampton
STANDARD	Welded frame and sash	•
	1" thick tempered insulated glass	•
	Standard Multi-Point Lock and Footlock	•
	Steel reinforced mechanical sash	•
OPTIONAL	Available K.D. (Knocked Down)	•
	V-Groove Glass	•
	Lift and Tilt Privacy Blinds	•
	Brass or Pewter Pencil Grids	•
	Triple Glaze	•
	Grids (contour and flat)	•
	Footlock	•
	Top Lock	•
	Security Bar	•



Standard Multi-Point lock on all Buckingham Patio Doors.

COLORS & HARDWARE

AVAILABLE COLORS



White



Almond



Clay/White



Brown/White



Bronze/White



*Oak/White



*Cherry/White

*Oak & Cherry only available in Buckingham

HARDWARE OPTIONS



Standard Elite Hardware (White, Almond or Black)



Euro Chrome



Euro Brass



Legacy White



Legacy Black



Legacy Brass



Legacy Black Nickel



Legacy Brushed Chrome

Additional hardware options available. Please see your salesmen for more information.

OPTIONAL FEATURES



Kick Lock



Security Bar



**Guardian Security Lock



**V-Groove Glass



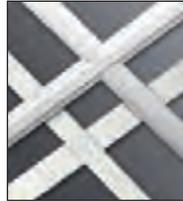
**Blinds Between the Glass

**Available in Buckingham Door only

GRIDS, SIMULATED DIVIDED LITES AND DESIGNER GLASS

GRIDS BETWEEN THE GLASS (GDG)

Enjoy the look of divided lites without the maintenance. Grids are placed between two panes of insulated glass, making cleaning a snap.



Select from a contour or flat grid

WINDOW GRIDS



Diamond



Prairie



Colonial

PATIO DOOR GRIDS



Prairie



Colonial

SIMULATED DIVIDED LITES (SDL)

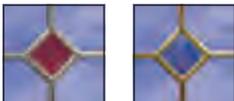
For that true classic look of "paned" window glass, our SDL option includes contour grids which are mounted on the exterior of the glass with a high bond adhesive system. A shadow bar placed between the panes of insulated glass completes the look.



SDL
Simulated Divided Lites

DESIGNER GLASS

Nothing provides the timeless style like authentic leaded glass on windows. Brass and pewter solid tone grids can be mixed together with glass accents to create a classic and memorable look. All grids and glass accents are sealed between two panes of glass, making them easy to clean as well as energy efficient.



Rainbow



Cobalt Crystal



Ruby Fire

Select from pewter or brass-tone grids as well as three color options



BLINDS, SCREENS, OBSCURE GLASS AND GEOMETRIC SHAPES



BLINDS BETWEEN THE GLASS

Reduce exposure to allergens and fading of interior furnishings while increasing energy efficiency! This option provides privacy and light control...plus it's practically maintenance-free. Thermally sealed between insulated glass, our privacy blinds will last for years. Privacy blinds feature a hidden cord and easily raise, lower, and tilt with a light touch. Available in select window styles. Please contact your local dealer for details or visit our website at www.idealwindow.com.



One-touch operation

ULTRAVUE SCREEN

This excellent visibility insect screen provides clarity and more light through your windows. Views are clearer and the improved airflow allows fresh breezes to flow through.

- ▶ GREENGUARD certified for improved indoor air quality
- ▶ Infused with Microban antimicrobial product protection
- ▶ Perfect for windows where the focus is on the view

UltraVue Screen Standard Screen



OBSCURE GLASS

Let light in while still maintaining privacy with obscure glass. Perfect for bathrooms or anywhere privacy is needed.



GEOMETRIC SHAPES

From picture windows, octagons, and trapezoids to full and half circles and more, Ideal can custom craft almost any window to help your home look distinctive. Our shapes allow you to create beautiful views and provide dynamic space, light, and style, opening up any room to more sun and picturesque views.



Octagon



Half Circle



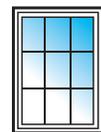
Full Circle



Trapezoid



Quarter Circle



Picture Window



The **Clear Choice** in Vinyl Windows

Ideal Window has been making quality windows and doors in the United States for over 85 years.

Ideal Window Mfg. Inc.
100 West 7th Street • Bayonne, NJ 07002
Tel: 800-631-3400 • Fax: 800 758-7528
www.idealwindow.com