

SUNSHIELD®

Vinyl Window Systems



Energy Efficient Vinyl Windows

The Quality and Features You Expect From SunShield®

Features and Benefits

- **SunShield® Vinyl:** An advanced patented compound designed for tough southern exposures.
- **Fusion Welded Frame and Sash:** Provides an impenetrable barrier to air and water penetration and the utmost in strength and integrity.
- **Unique Cove Mold Look:** Offers an appealing traditional wood window exterior appearance.
- **Sloped Sill:** Provides a strong structural slope for maximum water runoff, even in driving rain.
- **Deeply Pocketed Head:** With weather stripping to fight air infiltration.
- **Heavy Walled Construction:** For maximum support and strength.
- **Patented Coil Balance System:** Constant force provides effortless and maintenance free operation of sash. No adjustment needed.
- **New Soft Curved Sash Design:** Looks more like traditional wood window sash for strong appeal.
- **Attractive Integral Lift rail:** Provides comfortable sash operation.
- **Tilt In Sashes:** Both single and double hung sashes tilt in for easy cleaning from inside your home.
- **Tilt Latches:** Color matched easy to use latches for a neat appearance.
- **3/4" Low E Insulating Glass system:** For maximum regional thermal efficiency.
- **Premium Spacer Technology:** Premium Insulated sealant system fights condensation and cuts energy loss through the glass edge.
- **Interlocking Meeting Rail:** Integral interlock provides additional security and has passed ASTM F 588 Forced Entry Resistance Standard.
- **Die Cast Cam Lock and Keeper:** Cam action actually draws sash closer together for strong lock.
- **Double Night Vent Latches:** Allow for ventilation with security. Have passed ASTM F 588 Forced Entry Resistance Standard. (Series 5400 only)
- **Two Rows of Patented Aller-Guard Weather Stripping:** With double mylar fins to fight air and water infiltration.
- **Non-Corrosive Hardware:** Years of trouble free performance, no matter what the environment.
- **AAMA Certified, NFRC Rated, and TDI compliant.**
- **Limited Lifetime Warranty**

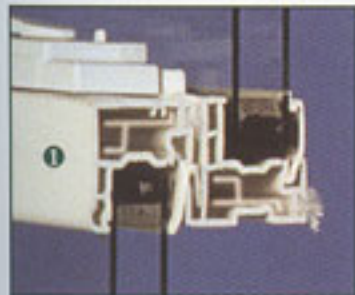
Visit us at www.dycwindows.com for details.



SunShield® - A Profile Of Strength and Beauty

Efficiently Beautiful

The SunShield® window is the ultimate in beauty, efficiency and strength, designed to enhance your home's appeal while increasing its comfort level. The beauty of the new soft curved welded sash design①, and the unique cove mold look of the



welded master frame② offers a more traditional wood window interior and exterior appearance.



Energy efficiency, security and sound reduction performance are achieved by premium 3/4" insulating glass, maximum weather stripping and precisely engineered interlocking vinyl window extrusions. The strength of the SunShield® window comes from heavy walled construction, fusion welded frame and sashes that are reinforced with heavy gauge aluminum extrusions. Interlocking meeting rails and a low profile one piece sloped sill. And finally the natural



beauty of the maintenance free finish of SunShield® vinyl, which retains its sheen year after year, even in tough southern exposure.



Let SunShield® Distinguish Your Home

Designs With Individuality

Every SunShield® fully welded window is customized to your specifications, designed and constructed to meet your needs with styles and options you choose. This assures you of a perfect fit without altering the architectural structure of your home. Careful and clean installation is performed by qualified professionals.

or design a special look by combining with picture windows, casements, awnings, sliders, and consider the classic bay or bow. And all windows made of SunShield® vinyl are available in Linen White, Desert Sand, and Adobe.

Linen White

Desert Sand

Adobe



Assurance Of Satisfaction

To back your investment, your SunShield® window factory stands behind every window with one of the best warranties in the industry. Quality materials, superb construction and expert installation give you a window that will last a lifetime. Ask for the best in replacement windows - SunShield® Vinyl Window Systems - your assurance of satisfaction.



Elements Of Style

SunShield® welded windows are available in almost every size in a variety of styles and can be combined with casement windows for a seamless appearance. Select a traditional window



SunShield® Designed For Energy Savings and Comfort

Performance & Comfort
SunShield® windows are designed to conserve energy and reduce your home heating and cooling costs. The combination of vinyl's excellent insulating properties and specially designed insulating air chambers makes vinyl frames a formidable barrier to energy transfer. Plus, combining warm edge 3/4" insulating glass with Low E and argon gas will maximize energy performance. It is this combination of technologies that effectively decreases heating and cooling costs while at the same time minimizes sound

transmission. Low E also blocks up to 86% of the harmful ultraviolet rays which can fade carpets, draperies and artwork. In addition, argon gas is 48% less conductive than air, thereby reducing the transfer of hot and cold - adding even more thermal efficiency. Tests performed to the National Fenestration Rating Council (NFRC) method demonstrates the superiority of vinyl windows versus alternative framing materials. Vinyl windows keep the warm air in during the winter and the cool air in during the summer. In fact,

using conservative national averages, upgrading to double glazed, energy efficient all-vinyl windows could save a homeowner more than 32% a year during the coldest part of the winter or the hottest part of the summer.

Energy Efficient

SunShield® windows are 40% more efficient than the products required under the most common national building codes. An average household spends most of its annual energy budget on heating and cooling costs. Installing windows can reduce those

energy bills by up to 32%. Warm edge insulating glass with Low E and argon gas has a 89% better U-factor than conventional double pane insulating glass units. Argon gas filled glass units also reduce sound transmission by 3-4 decibels making SunShield® windows more efficient at noise reduction. In choosing SunShield® windows you can be assured that you have chosen a product that will save energy on your heating and cooling costs.

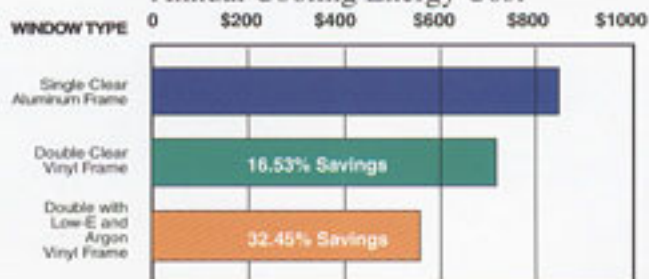
Annual Heating Energy Cost



Cost savings compared to single clear aluminum frame

Annual heating and cooling costs are for a typical home. Your saving may be different based on the size of your home and annual energy usage and energy cost.

Annual Cooling Energy Cost



Cost savings compared to single clear aluminum frame

SUMMER



Single pane window



SunShield®
double pane with Low E

In warm weather SunShield® vinyl windows keep cool air inside and hot air outside, decreasing your summer cooling costs while keeping you cool in your home.

WINTER



Single pane window



SunShield®
double pane with Low E

In cold weather SunShield® vinyl windows keep warm air inside and cold air outside, decreasing your winter heating costs while keeping you warm in your home.

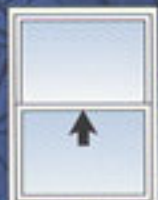
Improve Your Home

If you want to make a dramatic statement with your windows, choose from the many special shapes available with our Designer Series Windows. Whatever your style – quarter arch, full circle, circle top, triangle, trapezoid, octagon, eyebrow or cathedral – we have a window for you. SunShield® shapes are formed using a dry glycerin-free process. These windows add a touch of elegance to any home's appearance.

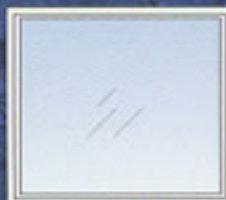
Our Commitment to Quality

SunShield® windows are fabricated under strict guidelines by a nationwide network of licensed manufacturers. Using AAMA certified extrusions supplied by Dayton Technologies, America's leading plastics profile extruder, each SunShield® vinyl window is manufactured to exacting standards. And whether Linen White, Adobe, or Desert Sand, all vinyl components meet or exceed performance requirements established, certified, and monitored by the American Architectural Manufacturers Association. All SunShield® windows are backed by the industry's best written warranty. Learn more – call today.

SunShield® Windows Configurations



Single Hung



Picture Window



Single Slider
x o



Double Hung

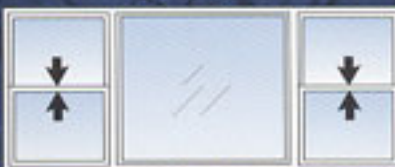


Casement



Double Slider
x x

Custom Designed Windows



Picture Window with
Double-hung Flankers



Oriel Sash



Muller Double-hung twin
Optional Colonial Grilles



3 Lite Horizontal Slider
x o x

Designer Special Shapes



Glazing Options include:

- Contour Grids, Prairie Lite Grids and Custom Patterns
- Simulated Divided Lites
- Obscure glass
- Bronze, Gray, and Green tints
- Clear glass is not recommended by Energy Star®



SunShield® is a registered trademark of Dayton Technologies.
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