

2800 Series

Features & Benefits

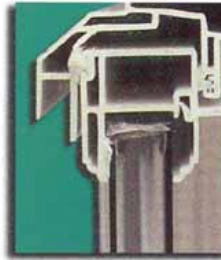
- Cellular PVC extension jambs completely pre-finished no painting, sanding or scraping needed.
- Integral 1 1/16" J Channel which saves time and expense on siding applications.
- Contoured sashes and glazing beads simulate rich wood like appearance.
- Internal contoured grilles, add an elegant touch to your window.
- T-Bar assembly in upper sash helps ensure a square installation and enhances energy efficiency.
- 3/4" Intercept™ Warm edge insulated glass, reduces energy costs.
- Both sashes tilt in and are removable for safe and easy cleaning.
- Integral interlock system provides protection against air infiltration and makes window more secure.
- Double weatherstripped sash provides extra protection against dust, dirt, and noise.
- Removable sill insert allows easy replacement if damaged without replacing frame.
- Integral lift handles makes opening windows easier.
- Under Sill Trim Allows Ease of Siding Application

A Product Of Innovation

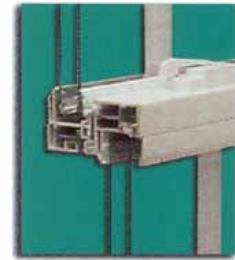
Designed With New Features For Optimum Performance



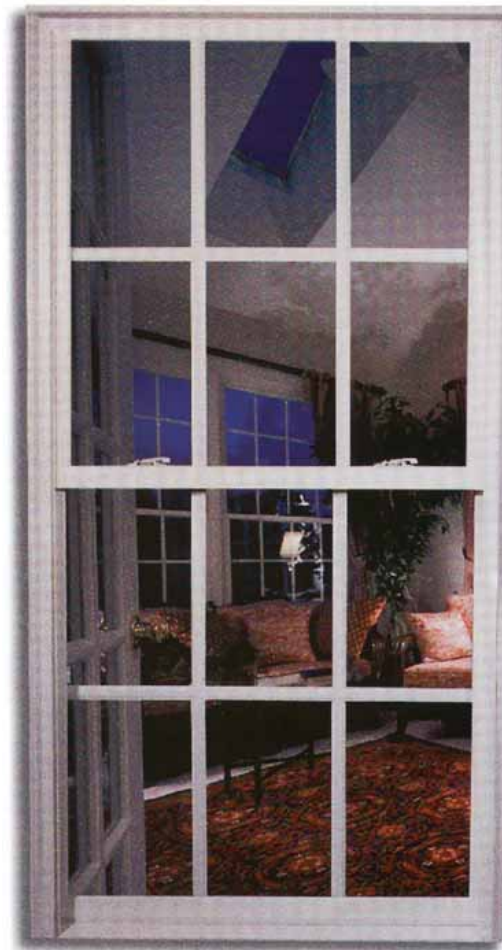
Integral pvc jambs



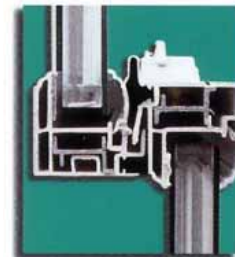
Welded contoured sashes



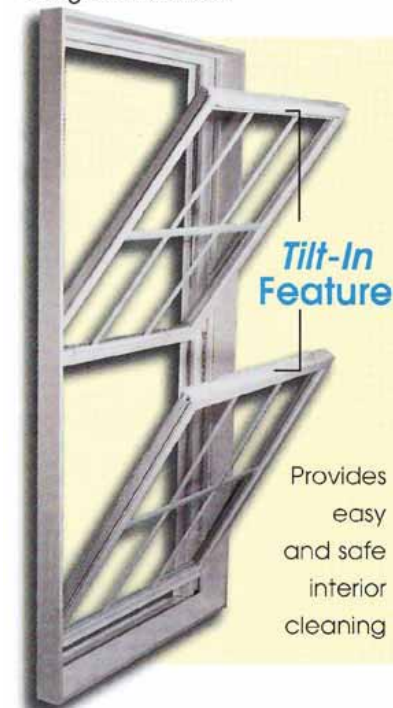
3/4" Intercept™ glass



Contoured grilles



Integral Interlocks



1 1/16" Integral J channel



Removable sill insert



Welded sloped sill



Welded beveled frame

2800 Series

Introducing The 2800 Series

Patriots' Continental Series Double Hung window line was developed with a list of features that will set industry standards and maintain our leadership role as an innovator in the vinyl window market place.

The complete 2800 Series line, was designed to exceed industry standards in terms of strength and versatility, as well as offer an energy efficient, maintenance-free window of unsurpassed quality and appearance.

With advanced technology and a commitment to exceed excellence in productivity and dependability, we will continue to produce high quality windows at an affordable price.

Available Options:

- Low E Glass
- Low E with Argon Gas
- Extruded Aluminum Full or Half Screen
- Extension Jamb
- Brick Mould
- Integral Mulls (Available Fall of 2002)



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Performance

Innovation Enhances
Adding to Energy Efficiency, Quality and Appearance



Intercept™ Insulating Glass Technology

The Intercept I.G. spacer systems unique, one-piece, tin plated steel U-channel design creates an effective thermal resistance to help keep heat or cold from traveling through the window. This one-piece, sealed spacer provides excellent structural strength and also retains insulating gas between the window panes better, helping the window maintain excellent thermal performance.

2800 Series Double Hung Windows - Test Results

Overall Ratings: AAMA 101-97 • Grade 35 Performance Classification

Test	Measured	Allowed
Air Infiltration @ 1.57 psf (25 mph)	0.2 scfm/ft	0.37 scfm/ft
Water Resistance (5.0 gph/ft ²)	5.25 psf	No Leakage
Uniform Load Structural	H - 5.25 psf	No Damage

NFRC 100-91 Simulated U-Value Test Results

Window Size Tested-Residential ••• 36x60

	Simulated U-Values	Visible Transm. With out Grids	Visible Transm. With Grids	SHGC* w/out Grids	SHGC* w/out Grids
Clear Glass	0.48	0.60	0.48	0.58	0.48
Low E - Glass	0.34	0.53	0.42	0.37	0.31
Low E W/Argon Gas	0.31	0.53	0.42	0.37	0.31

*SHGC – Solar Heat Gain Coefficient